

EDDA Study Designs Taxonomy (version 2.0)

The EDDA Study Designs Taxonomy (v2.0) was developed by the Evidence in Documents, Discovery, and Analytics (EDDA) Group: Tanja Bekhuis (Principal Scientist); Eugene Tseytlin (Systems Developer); Ashleigh Faith (Taxonomist); Faina Linkov (Epidemiologist). This work was made possible, in part, by the US National Library of Medicine, National Institutes of Health, grant no. R00LM010943.

Foundational research is described in Bekhuis T, Demner Fushman D, Crowley RS. Comparative effectiveness research designs: an analysis of terms and coverage in Medical Subject Headings (MeSH) and Emtree. *Journal of the Medical Library Association (JMLA)*. 2013 April;101(2):92-100. PMC3634392.

Coverage of the terminology appearing in JMLA was extended with terms from MeSH, NCI Thesaurus (NCI), Emtree, the HTA Database Canadian Repository [international repository for health technology assessment], and Robert Sandieson's synonym ring for research synthesis. Collected terms were enriched with terms from the NCI Metathesaurus. Variants include synonyms for preferred terms, singular and plural forms, and American and British spellings. Definitions, if they exist, are mainly from MeSH, NCI, Emtree, and medical dictionaries.

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- **study design** *A plan detailing how a study will be performed in order to represent the phenomenon under examination, to answer the research questions that have been asked, and defining the methods of data analysis. Study design is driven by research hypothesis being posed, study subject/population/sample available, logistics/resources: technology, support, networking, collaborative support, etc. Describes the role the study plays in determining the interventions a subject receives.*
 [NCI_14.05d] [Contributing_Source_CDISC]
 Design, Research; Designs, Research; Research Design; Research Designs; STYPE; Study Design; Study Type; study design
- **adaptive design** *A study design which includes a prospectively planned opportunity for modification of one or more specified aspects of the study design and/or hypotheses based on analysis of data, usually interim data.*
 [NCI_14.05d] [Contributing_Source_CDISC]
 Adaptive Design; adaptive design; adaptive designs; adaptive studies; adaptive study; adaptive trial; adaptive trials
- **pragmatic adaptive randomized controlled trial**
 pragmatic adaptive randomised controlled trial;
 pragmatic adaptive randomised controlled trials;
 pragmatic adaptive randomized controlled trial;
 pragmatic adaptive randomized controlled trials
- **adjuvant study** *A study performed secondary to and in support of a primary or base study in order to support, enhance, or expand upon its results or findings. [NCI 2014_12E]*
 Adjuvant Study; Adjuvant Trial; Adjuvant Trials; adjuvant studies; adjuvant study
- **neoadjuvant study** Neoadjuvant Study; neoadjuvant study; study, neoadjuvant
- **adverse effect mitigation study** *A type of study designed to identify actions necessary to eliminate or reduce the risk to*

human life or well-being as a result of a particular medication, treatment regimen, procedure, or any other medical intervention. [NCI 2014_12E]

Adverse Effect Mitigation Study; adverse effect mitigation studies; adverse effect mitigation study

- **analytical study** analytic design; analytic designs; analytic research; analytic studies; analytic study; analytic trial; analytic trials; analytical designs; analytical research; analytical studies; analytical study; analytical trial; analytical trials
- **ancillary study** *A study that is secondary to another study. [NCI 2014_12E]*
 Ancillary Study; ancillary studies; ancillary study
- **animal study** *A laboratory experiment using animals to study the development and progression of diseases. Animal studies also test how safe and effective new treatments are before they are tested in people. [NCI_14.08d]*
 Animal Study; animal experiment; animal experiments; animal studies; animal study
- **preclinical study** *A study performed on animal subjects to determine the toxicity of a new drug or invasive device prior to a clinical trial. [NCI 2014_12E]*
 Nonclinical Study; Preclinical Study; Preclinical Testing; preclinical studies; preclinical study
- **applied study** Applied study; applied studies; applied study
- **before-after design** before-after design; before-after designs; before-after studies; before-after study; before-after trial; before-after trials; before-and-after design; before-and-after designs; before-and-after studies; before-and-after study; before-and-after trial; before-and-after trials
- **cohort before-after design** cohort before-after design; cohort before-after designs; cohort before-after studies; cohort before-after study; cohort before-after trial; cohort before-after trials; cohort before-and-after

design; cohort before-and-after designs; cohort before-and-after studies; cohort before-and-after study; cohort before-and-after trial; cohort before-and-after trials

- **controlled cohort before-after design** controlled cohort before-after design; controlled cohort before-after designs; controlled cohort before-after studies; controlled cohort before-after study; controlled cohort before-after trial; controlled cohort before-after trials; controlled cohort before-and-after design; controlled cohort before-and-after designs; controlled cohort before-and-after studies; controlled cohort before-and-after study; controlled cohort before-and-after trial; controlled cohort before-and-after trials
- **controlled before-after design** *A study in which observations are made before and after an intervention, both in a group that receives the intervention and in a control group that does not. [Controlled Before-After Studies | MeSH_2015]* controlled before-after design; controlled before-after designs; controlled before-after studies; controlled before-after study; controlled before-after trial; controlled before-after trials; controlled before-and-after design; controlled before-and-after designs; controlled before-and-after studies; controlled before-and-after study; controlled before-and-after trial; controlled before-and-after trials
- **controlled cohort before-after design** controlled cohort before-after design; controlled cohort before-after designs; controlled cohort before-after studies; controlled cohort before-after study; controlled cohort before-after trial; controlled cohort before-after trials; controlled cohort before-and-after design; controlled cohort before-

and-after designs; controlled cohort before-and-after studies; controlled cohort before-and-after study; controlled cohort before-and-after trial; controlled cohort before-and-after trials

- **pre-and-post design** pre-and-post design; pre-and-post designs; pre-and-post studies; pre-and-post study; pre-and-post trial; pre-and-post trials; pre-post design; pre-post designs; pre-post studies; pre-post study; pre-post tests; pre-post trial; pre-post trials; pre-test post-test design; pre-test post-test designs; pre-test post-test studies; pre-test post-test study; pre-test post-test trial; pre-test post-test trials; pretest posttest design; pretest posttest designs; pretest posttest studies; pretest posttest study; pretest posttest trial; pretest posttest trials
- **pre-test post-test control group design** pre-test post-test control group design; pre-test post-test control group designs; pre-test post-test control group studies; pre-test post-test control group study; pre-test post-test control group trial; pre-test post-test control group trials; pretest posttest control group design; pretest posttest control group designs; pretest posttest control group studies; pretest posttest control group study; pretest posttest control group trial; pretest posttest control group trials
- **solomon four group design** solomon four group design; solomon four group designs; solomon four group studies; solomon four group study; solomon four group trial; solomon four group trials; solomon four-group design; solomon four-group designs; solomon four-group studies; solomon four-group study; solomon four-group trial; solomon four-group trials
- **benchmark study** benchmark study

- **bioavailability study** *A study of the degree to which, or rate at which, a drug or other substance is absorbed or becomes available at the site of physiological activity after administration. [NCI 2014_12E]*
 Bioavailability Study; bioavailability study
- **blind design** blind design; blind designs; blind trial; blind trials
- **double blind design** *A method of studying a drug or procedure in which both the subjects and investigators are kept unaware of who is actually getting which specific treatment. [Double-blind method | MeSH_2014]*
 Double Blind Study; Double Masked Study; Double-Blind Studies; Double-Blind Study; Double-Masked Studies; Double-Masked Study; Studies, Double-Blind; Studies, Double-Masked; Study, Double-Blind; Study, Double-Masked; double blind design; double blind designs; double blind studies; double blind study; double blind trial; double blind trials; double masked design; double masked designs; double masked studies; double masked study; double masked trial; double masked trials; double-blind design; double-blind designs; double-blind method; double-blind studies; double-blind study; double-blind test; double-blind tests; double-blind trial; double-blind trials; double-masked design; double-masked designs; double-masked studies; double-masked study; double-masked trial; double-masked trials
- **double blind clinical design** double blind clinical design; double blind clinical designs; double blind clinical studies; double blind clinical study; double blind clinical trial; double blind clinical trials; double-blind clinical design; double-blind clinical designs; double-blind clinical studies; double-blind clinical study; double-blind clinical

- trial; double-blind clinical trials
- **double blind comparison** double blind comparison; double-blind comparison
- **double blind crossover design** double blind crossover design; double blind crossover designs; double blind crossover studies; double blind crossover study; double blind crossover trial; double blind crossover trials; double-blind crossover design; double-blind crossover designs; double-blind crossover studies; double-blind crossover study; double-blind crossover trial; double-blind crossover trials
- **double blind placebo-controlled trial** double blind placebo-controlled trial; double-blind placebo-controlled trial; double-blind placebo-controlled trials
- **double blind placebo-controlled parallel arm trial** double blind placebo-controlled parallel arm trial; double blind placebo-controlled parallel arm trials; double-blind placebo-controlled parallel arm trial
- **double blind randomized placebo-controlled trial** double blind randomized placebo-controlled trial; double-blind randomised placebo controlled trial; double-blind randomised placebo-controlled trial; double-blind randomized placebo controlled trial; double-blind randomized placebo-controlled trial
- **double blind randomized controlled trial** *A method of studying a drug or procedure in which both the subjects and investigators are kept unaware of who is actually getting which specific treatment. [Double-blind method | MeSH_2014]*

double blind randomized controlled trial; double blinded randomised controlled design; double blinded randomised controlled designs; double blinded randomised controlled studies; double blinded randomised controlled study; double blinded randomised controlled trial; double blinded randomised controlled trials; double blinded randomized controlled design; double blinded randomized controlled designs; double blinded randomized controlled studies; double blinded randomized controlled study; double blinded randomized controlled trial; double blinded randomized controlled trials; double blinded rct; double blinded rcts; double-blinded randomised controlled design; double-blinded randomised controlled designs; double-blinded randomised controlled studies; double-blinded randomised controlled study; double-blinded randomised controlled trial; double-blinded randomised controlled trials; double-blinded randomized controlled design; double-blinded randomized controlled designs; double-blinded randomized controlled studies; double-blinded randomized controlled study; double-blinded randomized controlled trial; double-blinded randomized controlled trials; double-blinded rct; double-blinded rcts

- **double blind randomized placebo-controlled parallel study** double blind randomized placebo-controlled parallel study; double-blind randomized placebo-controlled parallel studies; double-blind randomized placebo-controlled parallel study; randomised double-blind placebo-controlled

- parallel studies; randomised double-blind placebo-controlled parallel study; randomized double-blind placebo-controlled parallel studies; randomized double-blind placebo-controlled parallel study
- **double blind randomized placebo-controlled trial** double blind randomized placebo-controlled trial; double-blind randomised placebo controlled trial; double-blind randomised placebo-controlled trial; double-blind randomized placebo controlled trial; double-blind randomized placebo-controlled trial
- **masked clinical study** *A clinical study that is designed using a procedure in which one or more parties to the study [subject(s), investigator(s), monitor, or/and data analyst(s)] are kept unaware of the treatment assignment(s). [NCI 2014_12E]*
 Blind Clinical Study; Blinded Clinical Study; Blinded Clinical Trial; Masked Clinical Study; blind study; blinded study; masked clinical study
- **single blind study** Single Blind Study; Single Masked Studies; Single Masked Study; Single-Blind Studies; Single-Blind Study; Single-Masked Studies; Single-Masked Study; Studies, Single-Blind; Studies, Single-Masked; Study, Single-Blind; Study, Single-Masked; single blind design; single blind designs; single blind method; single blind methods; single blind studies; single blind study; single blind trial; single blind trials
- **triple blind study** *A study in which knowledge of the treatment assignments are concealed from the people who organize and analyze the data of a study as well as from subjects and investigators. [NCI 2014_12E]*
 Triple Blind Study; Triple-Blind Study; triple blind

- management case study
- **mixed-methods case study** mixed-methods case study
- **multiple case study** multiple case report; multiple case study
- **qualitative multiple case study** qualitative multiple case study
- **organizational case study** *Descriptions and evaluations of specific health care organizations. [MeSH 2014_2014_02_10]*
 CASE STUDIES ORGAN; Case Studies, Organizational; ORGAN CASE STUDIES; Organizational Case Studies; Organizational Case Study; Studies, Organizational Case; organizational case study
- **prospective case study** prospective case study
- **single case study** n-of-1 design; n-of-1 designs; n-of-1 studies; n-of-1 study; n-of-1 trial; n-of-1 trials; n-of-one design; n-of-one designs; n-of-one studies; n-of-one study; n-of-one trial; n-of-one trials; single case design; single case designs; single case report; single case reports; single case studies; single case study; single case trial; single case trials; single subject design; single subject designs; single subject studies; single subject study; single subject trial; single subject trials; single-case design; single-case designs; single-case studies; single-case study; single-case trial; single-case trials; single-subject design; single-subject designs; single-subject studies; single-subject study; single-subject trial; single-subject trials
- **chemoprevention study** Chemoprevention Study; chemoprevention study
- **child development study** Child Development Study; child development studies; child development study
- **clinical trial** *A research study that prospectively assigns human*

participants or groups of humans to one or more health-related interventions to evaluate the effects on health outcomes. [NCI_14.05d]

Clinical Studies; Clinical Study; Clinical Trial; Clinical Trials; Clinical Trials Design; Clinical Trials, Unspecified; clinical studies; clinical study; clinical trial; clinical trials; trial, clinical

- **compassionate use trial** *Providing experimental therapies to very sick individuals even though they don't meet the criteria for inclusion in a trial. [NCI 2014_12E]*
 Access Trial, Expanded; Compassionate Treatment; Compassionate Use Trial; Compassionate Use Trials; Expanded Access Trial; Expanded Access Trials; Trial, Compassionate Use; Trial, Expanded Access; Trials, Compassionate Use; Trials, Expanded Access; Use Trials, Compassionate; compassionate use trial; expanded access trial
- **controlled clinical trial** *Work consisting of a clinical trial involving one or more test treatments, at least one control treatment, specified outcome measures for evaluating the studied intervention, and a bias-free method for assigning patients to the test treatment. The treatment may be drugs, devices, or procedures studied for diagnostic, therapeutic, or prophylactic effectiveness. Control measures include placebos, active medicine, no-treatment, dosage forms and regimens, historical comparisons, etc. [MeSH_2014]*
 Controlled Clinical Trial; clinical trial, controlled; controlled clinical design; controlled clinical designs; controlled clinical studies; controlled clinical study; controlled clinical trial; controlled clinical trials
- **randomized controlled clinical trial** *A study in which the participants are assigned by chance to separate groups to evaluate treatments. The study*

also includes a control group, which is undergoing the same rigors of the study with placebo treatment or standard treatment. The trial can also be controlled by the addition of a test group to ensure there are no factors present to skew the results and by the inclusion of peer-review analysis by appropriate government officials. [NCI_14.08d]

Randomized Controlled Clinical Trial;
 randomized controlled clinical trial

- **early detection trial** *Clinical studies testing the efficacy of devices, techniques, procedures, or tests for earlier diagnosis of disease. [NCI 2014_12E]*
 Early Detection Study; Early Detection Trial; early detection trial
- **masked clinical study** *A clinical study that is designed using a procedure in which one or more parties to the study [subject(s), investigator(s), monitor, or/and data analyst(s)] are kept unaware of the treatment assignment(s). [NCI 2014_12E]*
 Blind Clinical Study; Blinded Clinical Study; Blinded Clinical Trial; Masked Clinical Study; blind study; blinded study; masked clinical study
- **minimal risk study** *The clinical research that involves testing an approved drug with a well-known adverse event profile, and includes physiologic measurements and procedures that carry little risk to the participant. [NCI 2014_12E]*
 Minimal Risk Study; minimal risk study
- **multicenter trial** *A clinical trial that is carried out at more than one medical institution. [NCI_16.01]*
 Multi-Institutional Clinical Trial; Multicenter Trial; Multicenter Trials; Multicentre Trial; Multicentre Trials; Trial, Multicenter; Trial, Multicentre; Trials,

Multicenter; Trials, Multicentre; multicenter studies; multicenter study; multicenter trial

- **multi-center randomized controlled trial** Multi-center randomized controlled trial; Multi-center randomized controlled trials; Multi-centre randomised controlled trial; Multi-centre randomised controlled trials; multi-center randomized controlled studies; multi-center randomized controlled study; multi-center randomized controlled trial; multi-centre randomised controlled studies; multi-centre randomised controlled study; multicentred randomised controlled trial; randomised controlled multicentre trial
- **multicenter cluster randomized trial** Multicentre cluster randomised trial; Multicentre cluster randomised trials; multicenter cluster randomized trial; multicenter cluster randomized trials
- **non-randomized clinical trial** Nonrandomized Clinical Trial; clinical trial, non-randomised; clinical trial, non-randomized; clinical trial, nonrandomised; clinical trial, nonrandomized; clinical trials, non-randomised; clinical trials, nonrandomised; clinical trials, nonrandomized; non-randomised clinical trial; non-randomised clinical trials; non-randomized clinical trial; non-randomized clinical trials; nonrandomised clinical trial; nonrandomised clinical trials; nonrandomized clinical trial; nonrandomized clinical trials
- **non-equivalent control group design** non-equivalent control group design; non-equivalent control group designs
- **nutrition research applied clinical trial** Nutrition

- Research Applied Clinical Trial; Nutrition Research Applied Clinical Trials; nutrition research applied clinical trial; nutrition research applied clinical trials

 - **open label clinical design** open label clinical design; open label clinical designs; open label clinical studies; open label clinical study; open label clinical trial; open label clinical trials; open-label clinical design; open-label clinical designs; open-label clinical studies; open-label clinical study; open-label clinical trial; open-label clinical trials
 - **phase I trial** *A clinical research protocol designed to test a new biomedical intervention in a small group of people for the first time. A Phase I trial can be to establish the toxicity of a new treatment with escalating intensity of the treatment administered and/or to determine the side effects of a new treatment for a particular indication in subjects. [NCI 2014_12E]*
 CLIN TRIALS PHASE 1; CLIN TRIALS PHASE I; Clinical Trials, Phase 1; Clinical Trials, Phase I; Clinical Trials, Phase I as Topic; Early-Stage Clinical Trials; PHASE 1 CLIN TRIALS; PHASE I CLIN TRIALS; PHASE I TRIAL; Phase 1 Clinical Trial; Phase 1 Clinical Trials; Phase 1 Study; Phase I Clinical Trials; Phase I Study; Phase I Trial; Trial Phase 1; clinical trial phase I; phase 1 trial; phase I clinical trial; phase I trial
 - **phase I/II trial** *A clinical research protocol designed to study the safety, dosage levels and response to new treatment. Phase I/II trials combine a Phase I and a Phase II trial of the same treatment into a single protocol. [NCI_14.08d]*
 Phase I/II Trial; phase I/II trial; trial phase 1-2; trial phase1/2
 - **phase I and II vaccine trials** *Select candidate*

vaccines or concepts suitable for Phase I and Phase II trials and conduct these trials.

[NCI 2014_12E]

Phase I and II Vaccine Trials; phase I and II vaccine trials

- **phase II trial** *A clinical research protocol designed to study a biomedical or behavioral intervention in a larger group of people (several hundred), to evaluate the drug's effectiveness for a particular indication in patients with the disease or condition under study, and to determine the common short-term side effects and risks associated with the intervention. [NCI 2014_12E]*
 Clinical Trials, Phase II; Clinical Trials, Phase II as Topic; PHASE II TRIAL; Phase 2 Clinical Trials; Phase 2 Study; Phase II Clinical Trial; Phase II Protocol; Phase II Study; Phase II Trial; Trial Phase 2; clinical trial phase II; phase 2 study; phase II trial
- **phase IIa trial** phase IIa trial; trial phase 2a; trial phase IIa
- **phase IIb trial** phase IIb trial
- **phase II/III trial** *A type of clinical study that combines elements characteristic of traditional Phase II and Phase III trials. [NCI_14.08d]*
 Phase II/III Trial; phase II/III trial; trial phase 2-3; trial phase 2/3
- **phase III trial** *A clinical research protocol designed to investigate the efficacy of the biomedical or behavioral intervention in large groups of human subjects (from several hundred to several thousand), to confirm efficacy, to monitor adverse reactions to the new medication or treatment regimen with respect to long-term use and by comparing the intervention to other standard or experimental interventions as well as to a*

placebo. [NCI 2014_12E]

Clinical Trials, Phase 3 as Topic; Clinical Trials, Phase III; Clinical Trials, Phase III as Topic; PHASE III TRIAL; Phase 3 Clinical Trials; Phase 3 Study; Phase III Clinical Trial; Phase III Protocol; Phase III Study; Phase III Trial; Phase III Trials; Trial Phase 3; clinical trial phase III; phase III study; phase III trial

- **phase IIIa trial** phase IIIa trial
- **phase IIIb trial** phase IIIb trial
- **phase IV trial** *After a treatment has been approved and is being marketed, it is studied in a phase IV trial to evaluate side effects that were not apparent in the phase III trial. Thousands of people are involved in a phase IV trial. [NCI_14.08d]*

Clinical Trial, Phase IV; Clinical Trials, Phase IV; Phase 4 Studies; Phase 4 Study; Phase IV Clinical Trials; Trial Phase 4; phase 4 study; phase IV clinical trial; phase IV trial

- **planned clinical trial** *A business process status of a clinical study which occurs before the study starts. A study plan on which the clinical trial is based focuses on several priority parameters that include but are not limited to the types of subjects eligible to participate in the study, targeted accrual numbers, schedules and durations of interventions, the length of the study, and the planned duration of a subject participation. These outlines are a part of a study protocol which is more a detailed and comprehensive study document.*

[NCI 2014_12E]

Planned Clinical Study; Planned Clinical Trial; planned clinical trial

- **pragmatic clinical trial** *Randomized clinical trials that compare interventions in clinical settings and which look at a range of effectiveness outcomes and impacts. [MeSH_2015]*
 Pragmatic Clinical Trial; Pragmatic Clinical Trials; Trials, Pragmatic Clinical; pragmatic clinical design; pragmatic clinical designs; pragmatic clinical studies; pragmatic clinical study; pragmatic clinical trial; pragmatic clinical trials
- **pre-clinical trial** *A clinical trial that uses an investigational agent that is available only in very limited quantities and which has never previously given to humans or for which there is extremely limited human experience. Phase 0 clinical trials are intended to enable researchers to understand the path of the drug in the body and its efficacy. Adverse event reporting in Phase 0 trials is expedited. [NCI 2014_12E]*
 Phase 0 Trial; Pre-Clinical Trial; pre-clinical trial
- **preventive clinical trial** Preventive Clinical Trial; preventive clinical trial
- **randomized clinical trial** *Used for original reports of prospective clinical studies in which the (comparative) efficacy of one or more medical interventions in humans is evaluated; also used for prospective clinical veterinary trials in which the (comparative) efficacy of one or more medical interventions in animals is evaluated. [Clinical trial | Embase_2014]*
 Randomised clinical trial; Randomized Clinical Trial; Randomized Clinical Trials; Trials, Randomized Clinical; randomised clinical design; randomised clinical designs; randomised clinical studies; randomised clinical study; randomised clinical trial; randomised clinical trials; randomized clinical design;

randomized clinical designs; randomized clinical studies; randomized clinical study; randomized clinical trial; randomized clinical trials

- **randomized controlled clinical trial** *A study in which the participants are assigned by chance to separate groups to evaluate treatments. The study also includes a control group, which is undergoing the same rigors of the study with placebo treatment or standard treatment. The trial can also be controlled by the addition of a test group to ensure there are no factors present to skew the results and by the inclusion of peer-review analysis by appropriate government officials. [NCI_14.08d]*
 Randomized Controlled Clinical Trial; randomized controlled clinical trial
- **screening trial** *Clinical studies testing the efficacy of devices, techniques, procedures, or tests for the purpose of detecting the presence of disease, usually before there are any symptoms. [NCI 2014_12E]*
 Screening Study; Screening Trial; screening trial
- **population screening trial** population screening trial
- **single group study** *A type of clinical study in which there is only one treatment arm available to all study participants. [NCI 2014_12E]*
 Single Arm Study; Single Group Study; single group study
- **supportive care study** *Clinical studies intended to improve the comfort and quality of life for the patient using drugs, nutritional, dietary, behavioral or other interventions. [NCI 2014_12E]*
 Supportive Care Study; Supportive Care Trial; supportive care study
- **therapeutic clinical trial** *A clinical study that involves*

administering of exposure to the agent/agents to subjects with particular disease to elucidate the most appropriate treatment for a specific medical condition, or to prolong or improve the patient's life.

[NCI 2014_12E]

Clinical Trials, Therapy; Therapeutic Clinical Trial; Therapeutic Trials; therapeutic clinical trial

- **efficacy study** *A study of the relative therapeutic efficacy of treatment of a disease. Usually this is a Phase II or III study. [NCI 2014_12E]*
 Efficacy Study; efficacy study
- **vaccine clinical trial** Vaccine Clinical Trial; vaccine clinical trial
- **cohort study** *Studies in which subsets of a defined population are identified. These groups may or may not be exposed to factors hypothesized to influence the probability of the occurrence of a particular disease or other outcome. Cohorts are defined populations which, as a whole, are followed in an attempt to determine distinguishing subgroup characteristics. [Cohort studies | MeSH_2014]*
 Cohort Studies; Cohort Study; Studies, Cohort; Study, Cohort; analysis, cohort; cohort analysis; cohort design; cohort designs; cohort studies; cohort study; cohort trial; cohort trials
 - **closed cohort study** closed cohort studies; closed cohort study; cohort studies, closed; cohort study, closed; studies, closed cohort; study, closed cohort
 - **cohort before-after design** cohort before-after design; cohort before-after designs; cohort before-after studies; cohort before-after study; cohort before-after trial; cohort before-after trials; cohort before-and-after design; cohort before-and-after designs; cohort before-and-after studies; cohort before-and-after study; cohort

- before-and-after trial; cohort before-and-after trials
- **controlled cohort before-after design** controlled cohort before-after design; controlled cohort before-after designs; controlled cohort before-after studies; controlled cohort before-after study; controlled cohort before-after trial; controlled cohort before-after trials; controlled cohort before-and-after design; controlled cohort before-and-after designs; controlled cohort before-and-after studies; controlled cohort before-and-after study; controlled cohort before-and-after trial; controlled cohort before-and-after trials
- **concurrent design** Concurrent Studies; Concurrent Study; Studies, Concurrent; Study, Concurrent; concurrent design; concurrent designs; concurrent studies; concurrent study; concurrent trial; concurrent trials; studies, concurrent
- **incidence cohort study** incidence cohort study
- **longitudinal cohort study** longitudinal cohort study
- **nonconcurrent cohort study** non-concurrent cohort design; non-concurrent cohort designs; non-concurrent cohort studies; non-concurrent cohort study; non-concurrent cohort trial; non-concurrent cohort trials; nonconcurrent cohort design; nonconcurrent cohort designs; nonconcurrent cohort studies; nonconcurrent cohort study; nonconcurrent cohort trial; nonconcurrent cohort trials
- **panel study** *Panel studies are a particular design of longitudinal study in which the unit of analysis is followed at specified intervals over a long period, often many years. The key feature of panel studies is that they collect repeated measures from the same sample at different points in time. [Oxford Bibliographies <http://www.oxfordbibliographies.com/view/document/o>*

bo-9780199756384/obo-9780199756384-0108.xml]

Panel Study; panel studies; panel study

- **prospective cohort study** *A research study that follows over time groups of individuals who are alike in many ways but differ by a certain characteristic (for example, female nurses who smoke and those who do not smoke) and compares them for a particular outcome (such as lung cancer). [NCI_14.05d]*
 Prospective Cohort Study; prospective cohort design; prospective cohort designs; prospective cohort studies; prospective cohort study; prospective cohort trial; prospective cohort trials
- **record-linkage population cohort study** record-linkage population cohort study
- **retrospective cohort study** *A research study in which the medical records of groups of individuals who are alike in many ways but differ by a certain characteristic (for example, female nurses who smoke and those who do not smoke) are compared for a particular outcome (such as lung cancer). [NCI_14.08d]*
 Retrospective Cohort Study; Retrospective cohort study; cohort studies, historical; cohort study, historical; historic cohort studies; historic cohort study; historical cohort design; historical cohort designs; historical cohort studies; historical cohort study; historical cohort trial; historical cohort trials; retrospective cohort design; retrospective cohort designs; retrospective cohort studies; retrospective cohort study; retrospective cohort trial; retrospective cohort trials; studies, historical cohort; study, historical cohort
- **multi-center retrospective cohort study** multi-center retrospective cohort studies; multi-center retrospective cohort study; multi-centre retrospective cohort studies; multi-centre

retrospective cohort study

- **community study** *The Community Trial is a planned experiment that involves administering an exposure within a community in order to elucidate its impact on the incidence of a specific disease in that community. The community trial is a choice when exposure cannot be prevented among control group. [NCI_14.05d]*
 Community Trial; community design; community designs; community studies; community study; community trials
 - **community survey** Community Survey; Community Surveys; Survey, Community; Surveys, Community; community survey
 - **community-based participatory study** community-based participatory study
 - **intervention community trial** *The Intervention Community Trial is a controlled study that involves modification of causal or conjectural causal factors in a population to test a cause-effect relationship. [NCI 2014_12E]*
 Intervention Community Trial; intervention community trial
 - **preventive community trial** *The Preventive Community Trial is a controlled study that involves administration of preventive program or/and preventive treatments in community. [NCI 2014_12E]*
 Preventive Community Trial; preventive community trial
- **comparative study** *Comparison of outcomes, results, responses, etc for different techniques, therapeutic approaches or other inputs. [Comparative study | MeSH_2014]*
 Comparative Studies; Comparative Study; comparative design; comparative designs; comparative studies; comparative study; comparative trial; comparative trials
 - **comparative effectiveness study** Comparative

- effectiveness study; comparative effectiveness study
- **comparative evaluation** Comparative evaluation; comparative evaluation
- **comparative qualitative study** comparative qualitative study
- **non-randomized comparative design** non-randomised comparative design; non-randomised comparative designs; non-randomised comparative studies; non-randomised comparative study; non-randomised comparative trial; non-randomised comparative trials; non-randomized comparative design; non-randomized comparative designs; non-randomized comparative studies; non-randomized comparative study; non-randomized comparative trial; non-randomized comparative trials; nonrandomised comparative design; nonrandomised comparative designs; nonrandomised comparative studies; nonrandomised comparative study; nonrandomised comparative trial; nonrandomised comparative trials; nonrandomized comparative design; nonrandomized comparative designs; nonrandomized comparative studies; nonrandomized comparative study; nonrandomized comparative trial; nonrandomized comparative trials
- **controlled design** *Used for original studies with a control group, i.e. in which previously defined groups are compared with each other. Also used for studies with control material or control procedures. Retrospective studies may also be included. [Emtree_2014]*
 Controlled Study; controlled design; controlled designs; controlled studies; controlled study; controlled trial; controlled trials
- **case control design** *A study that compares two groups of people: those with the disease or condition under study*

(cases) and a very similar group of people who do not have the disease or condition (controls). Researchers study the medical and lifestyle histories of the people in each group to learn what factors may be associated with the disease or condition. For example, one group may have been exposed to a particular substance that the other was not. [NCI_14.05d]

Case Comparison Studies; Case Compeer Studies; Case Control Studies; Case Control Study; Case Referent Studies; Case-Comparison Studies; Case-Comparison Study; Case-Compeer Studies; Case-Compeer Study; Case-Control Studies; Case-Control Study; Case-Referent Studies; Case-Referent Study; Studies, Case Control; Studies, Case-Comparison; Studies, Case-Control; Studies, Case-Referent; Study, Case Control; Study, Case-Comparison; Study, Case-Compeer; Study, Case-Control; Study, Case-Referent; case base design; case base designs; case base studies; case base study; case control design; case control designs; case control studies; case control study; case control trial; case control trials; case-base design; case-base designs; case-base studies; case-base study; case-comparison studies; case-compeer studies; case-control design; case-control designs; case-control studies; case-control study; case-control trial; case-control trials; case-referent studies; case-referent study; control study, case

- **hospital-based case control design** hospital based case control design; hospital based case control studies; hospital based case control study; hospital based case control trial; hospital based case-control design; hospital based case-control studies; hospital based case-control study; hospital based case-control trial; hospital-based case control design; hospital-based case control

designs; hospital-based case control studies; hospital-based case control study; hospital-based case control trials; hospital-based case-control designs; hospital-based case-control studies; hospital-based case-control study; hospital-based case-control trials

- **matched case control design** Matched Case Control Studies; Matched Case-Control Studies; Matched Case-Control Study; Studies, Matched Case-Control; Study, Matched Case-Control; matched case control; matched case control design; matched case control designs; matched case control studies; matched case control study; matched case control trial; matched case control trials; matched case-control design; matched case-control designs; matched case-control studies; matched case-control study; matched case-control trial; matched case-control trials
- **nested case control design** *A study in which a group or cohort of individuals is followed for a certain length of time or until a specific outcome is reached. Studies of this type incorporate the strengths of both cohort and case-control studies but eliminates a portion of the methodologic challenges inherent in both types of studies. [NCI_14.05d]*
 Nested Case Control Studies; Nested Case-Control Studies; Nested Case-Control Study; Nested Case-control Study; Studies, Nested Case-Control; Study, Nested Case-Control; nested case control design; nested case control designs; nested case control studies; nested case control study; nested case control trial; nested case control trials; nested case-control design; nested case-control

designs; nested case-control studies; nested case-control study; nested case-control trial; nested case-control trials

- **controlled clinical trial** *Work consisting of a clinical trial involving one or more test treatments, at least one control treatment, specified outcome measures for evaluating the studied intervention, and a bias-free method for assigning patients to the test treatment. The treatment may be drugs, devices, or procedures studied for diagnostic, therapeutic, or prophylactic effectiveness. Control measures include placebos, active medicine, no-treatment, dosage forms and regimens, historical comparisons, etc. [MeSH_2014]*
 Controlled Clinical Trial; clinical trial, controlled; controlled clinical design; controlled clinical designs; controlled clinical studies; controlled clinical study; controlled clinical trial; controlled clinical trials
- **randomized controlled clinical trial** *A study in which the participants are assigned by chance to separate groups to evaluate treatments. The study also includes a control group, which is undergoing the same rigors of the study with placebo treatment or standard treatment. The trial can also be controlled by the addition of a test group to ensure there are no factors present to skew the results and by the inclusion of peer-review analysis by appropriate government officials. [NCI_14.08d]*
 Randomized Controlled Clinical Trial; randomized controlled clinical trial
- **double blind placebo-controlled trial** double blind placebo-controlled trial; double-blind placebo-controlled trial; double-blind placebo-controlled trials
- **double blind placebo-controlled parallel arm trial**

double blind placebo-controlled parallel arm trial;
 double blind placebo-controlled parallel arm
 trials; double-blind placebo-controlled parallel
 arm trial

- **double blind randomized placebo-controlled trial**
 double blind randomized placebo-controlled trial;
 double-blind randomised placebo controlled trial;
 double-blind randomised placebo-controlled trial;
 double-blind randomized placebo controlled trial;
 double-blind randomized placebo-controlled trial
- **experimental design** *A plan detailing how a study will be performed in order to represent the phenomenon under examination, to answer the research questions that have been asked, and defining the methods of data analysis. Study design is driven by research hypothesis being posed, study subject/population/sample available, logistics/resources: technology, support, networking, collaborative support, etc. [Study design | NCI_14.05d]*
 Design, Experimental; Designs, Experimental;
 Experiment Design; Experimental Design;
 Experimental Designs; experimental design;
 experimental designs; experimental studies;
 experimental study; experimental trial; experimental trials
- **historically controlled design** *A study that compares a group of participants receiving an intervention with a similar group from the past who did not. [Historically Controlled Study | MeSH_2015]*
 historical control design; historical control designs;
 historical control studies; historical control study;
 historical control trial; historical control trials;
 historically controlled design; historically controlled designs;
 historically controlled studies; historically controlled study; historically controlled trial;

historically controlled trials

- **intervention community trial** *The Intervention Community Trial is a controlled study that involves modification of causal or conjectural causal factors in a population to test a cause-effect relationship. [NCI 2014_12E]*
 Intervention Community Trial; intervention community trial
- **multi-center prospective controlled observational study**
 multi-center prospective controlled observational studies; multi-center prospective controlled observational study; multi-centre prospective controlled observational studies; multi-centre prospective controlled observational study
- **non-randomized controlled design** *A study where participants are assigned to a treatment, procedure, or intervention my methods that are not random. Non-randomized clinical trials are sometimes referred to as quasi-experimental clinical trials or non-equivalent control group designs. [Non-Randomized Controlled Trials as Topic | MeSH_2015]*
 non-randomised controlled design; non-randomised controlled designs; non-randomised controlled studies; non-randomised controlled study; non-randomised controlled trial; non-randomised controlled trials; non-randomized controlled design; non-randomized controlled designs; non-randomized controlled studies; non-randomized controlled study; non-randomized controlled trial; non-randomized controlled trials; nonrandomised controlled design; nonrandomised controlled designs; nonrandomised controlled studies; nonrandomised controlled study; nonrandomised controlled trial; nonrandomised controlled trials; nonrandomized controlled design; nonrandomized

controlled designs; nonrandomized controlled studies;
 nonrandomized controlled study; nonrandomized
 controlled trial; nonrandomized controlled trials

- **quasi-experimental design** quasi experimental design;
 quasi experimental designs; quasi experimental studies;
 quasi experimental study; quasi experimental trial;
 quasi experimental trials; quasi-experimental design;
 quasi-experimental designs; quasi-experimental studies;
 quasi-experimental study; quasi-experimental trial;
 quasi-experimental trials; quasiexperimental design;
 quasiexperimental designs; quasiexperimental studies;
 quasiexperimental study; quasiexperimental trial;
 quasiexperimental trials
- **quasi-experimental clinical trial** quasi-experimental
 clinical trial
- **quasi-randomized design** quasi randomised design;
 quasi randomised designs; quasi randomised
 studies; quasi randomised study; quasi
 randomised trial; quasi randomised trials; quasi
 randomized designs; quasi randomized studies;
 quasi randomized study; quasi randomized trial;
 quasi randomized trials; quasi-randomised design;
 quasi-randomised designs; quasi-randomised
 studies; quasi-randomised study; quasi-
 randomised trial; quasi-randomised trials; quasi-
 randomized design; quasi-randomized designs;
 quasi-randomized studies; quasi-randomized
 study; quasi-randomized trial; quasi-randomized
 trials
- **quasi-randomized controlled design** quasi
 randomised controlled design; quasi
 randomised controlled designs; quasi
 randomised controlled studies; quasi
 randomised controlled study; quasi

randomised controlled trial; quasi
 randomised controlled trials; quasi
 randomized controlled designs; quasi
 randomized controlled studies; quasi
 randomized controlled study; quasi
 randomized controlled trial; quasi
 randomized controlled trials; quasi rct; quasi
 rcts; quasi-randomised controlled design;
 quasi-randomised controlled designs; quasi-
 randomised controlled studies; quasi-
 randomised controlled study; quasi-
 randomised controlled trial; quasi-
 randomised controlled trials; quasi-
 randomized controlled design; quasi-
 randomized controlled designs; quasi-
 randomized controlled studies; quasi-
 randomized controlled study; quasi-
 randomized controlled trial; quasi-
 randomized controlled trials

- **cluster quasi-randomized controlled design** Cluster non-randomized controlled design; cluster quasi randomised controlled design; cluster quasi randomised controlled designs; cluster quasi randomised controlled studies; cluster quasi randomised controlled study; cluster quasi randomised controlled trial; cluster quasi randomised controlled trials; cluster quasi randomized controlled designs; cluster quasi randomized controlled studies; cluster quasi randomized controlled study; cluster quasi randomized controlled trial;

cluster quasi randomized controlled trials; cluster quasi-randomised controlled design; cluster quasi-randomised controlled designs; cluster quasi-randomised controlled studies; cluster quasi-randomised controlled study; cluster quasi-randomised controlled trial; cluster quasi-randomised controlled trials; cluster quasi-randomized controlled design; cluster quasi-randomized controlled designs; cluster quasi-randomized controlled studies; cluster quasi-randomized controlled study; cluster quasi-randomized controlled trial; cluster quasi-randomized controlled trials

- **randomized controlled trial** *Work consisting of a clinical trial that involves at least one test treatment and one control treatment, concurrent enrollment and follow-up of the test- and control-treated groups, and in which the treatments to be administered are selected by a random process, such as the use of a random-numbers table. [MeSH_2014]*

Randomized Controlled Trial; controlled trial, randomized; randomised control trial; randomised controlled trial; randomised controlled design; randomised controlled designs; randomised controlled studies; randomised controlled study; randomised controlled trial; randomised controlled trials; randomized control trial; randomized controlled design; randomized controlled designs; randomized controlled studies; randomized controlled study; randomized controlled trial; randomized controlled trials; rct; rcts;

trial, randomized controlled

- **double blind randomized controlled trial** *A method of studying a drug or procedure in which both the subjects and investigators are kept unaware of who is actually getting which specific treatment. [Double-blind method | MeSH_2014]*
 double blind randomized controlled trial; double blinded randomised controlled design; double blinded randomised controlled designs; double blinded randomised controlled studies; double blinded randomised controlled study; double blinded randomised controlled trial; double blinded randomised controlled trials; double blinded randomized controlled design; double blinded randomized controlled designs; double blinded randomized controlled studies; double blinded randomized controlled study; double blinded randomized controlled trial; double blinded randomized controlled trials; double blinded rct; double blinded rcts; double-blinded randomised controlled design; double-blinded randomised controlled designs; double-blinded randomised controlled studies; double-blinded randomised controlled study; double-blinded randomised controlled trial; double-blinded randomised controlled trials; double-blinded randomized controlled design; double-blinded randomized controlled designs; double-blinded randomized controlled studies; double-blinded randomized controlled study; double-blinded randomized controlled trial; double-blinded randomized controlled trials; double-blinded rct; double-blinded rcts
- **double blind randomized placebo-controlled**

- parallel study** double blind randomized placebo-controlled parallel study; double-blind randomized placebo-controlled parallel studies; double-blind randomized placebo-controlled parallel study; randomised double-blind placebo-controlled parallel studies; randomised double-blind placebo-controlled parallel study; randomized double-blind placebo-controlled parallel studies; randomized double-blind placebo-controlled parallel study
- **double blind randomized placebo-controlled trial** double blind randomized placebo-controlled trial; double-blind randomised placebo controlled trial; double-blind randomised placebo-controlled trial; double-blind randomized placebo controlled trial; double-blind randomized placebo-controlled trial
- **multi-center randomized controlled trial** Multi-center randomized controlled trial; Multi-center randomized controlled trials; Multi-centre randomised controlled trial; Multi-centre randomised controlled trials; multi-center randomized controlled studies; multi-center randomized controlled study; multi-center randomized controlled trial; multi-centre randomised controlled studies; multi-centre randomised controlled study; multicentred randomised controlled trial; randomised controlled multicentre trial
- **open label randomized controlled trial** open label randomised controlled design; open label randomised controlled designs; open label

randomised controlled studies; open label
 randomised controlled study; open label
 randomised controlled trial; open label
 randomised controlled trials; open label
 randomized controlled design; open label
 randomized controlled designs; open label
 randomized controlled studies; open label
 randomized controlled study; open label
 randomized controlled trial; open label
 randomized controlled trials; open label rct; open
 label rcts; open-label randomised controlled
 design; open-label randomised controlled designs;
 open-label randomised controlled studies; open-
 label randomised controlled study; open-label
 randomised controlled trial; open-label
 randomised controlled trials; open-label
 randomized controlled design; open-label
 randomized controlled designs; open-label
 randomized controlled studies; open-label
 randomized controlled study; open-label
 randomized controlled trial; open-label
 randomized controlled trials; open-label rct; open-
 label rcts

- **pragmatic adaptive randomized controlled trial**
 pragmatic adaptive randomised controlled trial;
 pragmatic adaptive randomised controlled trials;
 pragmatic adaptive randomized controlled trial;
 pragmatic adaptive randomized controlled trials
- **pragmatic randomized controlled trial** pragmatic
 randomised controlled trial; pragmatic
 randomised controlled trials; pragmatic
 randomized controlled trial; pragmatic
 randomized controlled trials
- **pragmatic adaptive randomized controlled**

- trial** pragmatic adaptive randomised controlled trial; pragmatic adaptive randomised controlled trials; pragmatic adaptive randomized controlled trial; pragmatic adaptive randomized controlled trials
- **pragmatic single blind randomized controlled trial** pragmatic single blind randomized controlled trial; pragmatic single-blind randomised controlled trial; pragmatic single-blind randomised controlled trials; pragmatic single-blind randomized controlled trial; pragmatic single-blind randomized controlled trials
- **prospective randomized controlled trial** prospective randomised controlled trial; prospective randomised controlled trials; prospective randomized controlled trial; prospective randomized controlled trials
- **randomized controlled equivalence trial** randomised controlled equivalence trial; randomised controlled equivalence trials; randomized controlled equivalence trial; randomized controlled equivalence trials
- **randomized placebo-controlled trial** randomised placebo-controlled trial; randomised placebo-controlled trials; randomized placebo-controlled trial; randomized placebo-controlled trials
- **single blind randomized controlled trial** single blind randomized controlled trial; single blinded randomised controlled design; single blinded randomised controlled designs; single blinded randomised controlled studies; single blinded

randomised controlled study; single blinded
 randomised controlled trial; single blinded
 randomised controlled trials; single blinded
 randomized controlled design; single blinded
 randomized controlled designs; single blinded
 randomized controlled studies; single blinded
 randomized controlled study; single blinded
 randomized controlled trial; single blinded
 randomized controlled trials; single blinded rct;
 single blinded rcts; single-blinded randomised
 controlled design; single-blinded randomised
 controlled designs; single-blinded randomised
 controlled studies; single-blinded randomised
 controlled study; single-blinded randomised
 controlled trial; single-blinded randomised
 controlled trials; single-blinded randomized
 controlled design; single-blinded randomized
 controlled designs; single-blinded randomized
 controlled studies; single-blinded randomized
 controlled study; single-blinded randomized
 controlled trial; single-blinded randomized
 controlled trials; single-blinded rct; single-blinded
 rcts

- **pragmatic single blind randomized controlled trial** pragmatic single blind randomized controlled trial; pragmatic single-blind randomised controlled trial; pragmatic single-blind randomised controlled trials; pragmatic single-blind randomized controlled trial; pragmatic single-blind randomized controlled trials
- **correlational design** Correlation Studies; Correlation Study; Correlative Study; Studies, Correlation; Study, Correlation; correlation design; correlation designs; correlation studies;

correlation study; correlation trial; correlation trials;
 correlational design; correlational designs; correlational
 studies; correlational study; correlational trial; correlational
 trials

- **cost-effectiveness study** cost-effectiveness study
- **cost-effectiveness evaluation** cost effectiveness evaluation;
 cost-effectiveness evaluation
- **cost-effectiveness pragmatic multicenter randomized trial** cost-effectiveness pragmatic multicenter
 randomized trial; cost-effectiveness pragmatic
 multicenter randomized trials; cost-effectiveness
 pragmatic multicentre randomised trial; cost-
 effectiveness pragmatic multicentre randomised trials
- **cross-cultural study** Studies, Transcultural; Study,
 Transcultural; Transcultural Studies; Transcultural Study;
 cross-cultural study
- **cross-sectional study** *A study in which participants are
 examined at only a single time for characteristics of a
 disease. [NCI_14.05d]*
 CROSS SECTIONAL STUDIES; Cross Sectional Studies;
 Cross Sectional Survey; Cross-Sectional Studies; Cross-
 Sectional Study; Cross-Sectional Survey; Cross-Sectional
 Surveys; Studies, Cross-Sectional; Study, Cross-Sectional;
 Survey, Cross-Sectional; Surveys, Cross-Sectional; cross
 sectional design; cross sectional designs; cross sectional
 studies; cross sectional study; cross sectional trial; cross
 sectional trials; cross-sectional design; cross-sectional
 designs; cross-sectional research; cross-sectional studies;
 cross-sectional study; cross-sectional survey; cross-sectional
 trial; cross-sectional trials; crosssectional study
- **cross-sectional prevalence survey** cross-sectional
 prevalence survey
- **ecological cross-sectional study** ecological cross sectional

design; ecological cross sectional designs; ecological cross sectional studies; ecological cross sectional study; ecological cross sectional trial; ecological cross sectional trials; ecological cross-sectional design; ecological cross-sectional designs; ecological cross-sectional studies; ecological cross-sectional study; ecological cross-sectional trial; ecological cross-sectional trials

- **population-based cross-sectional study** population-based cross-sectional study

- **crossover design** *A type of clinical study in which each study subject receives the same series of treatments but in a random order that differs across arms of the study. Each subject serves as their own control in this type of study. [NCI_14.05d]*

Cross Over Design; Cross Over Studies; Cross Over Trials; Cross-Over Design; Cross-Over Designs; Cross-Over Studies; Cross-Over Study; Cross-Over Trials; Cross-over; Crossover Design; Crossover Designs; Crossover Studies; Crossover Study; Crossover Trials; Design, Cross-Over; Design, Crossover; Designs, Cross-Over; Designs, Crossover; Studies, Cross-Over; Studies, Crossover; Study, Cross-Over; Study, Crossover; Trial, Cross-Over; Trial, Crossover; Trials, Cross-Over; Trials, Crossover; cross over study; cross-over design; cross-over designs; cross-over studies; cross-over study; cross-over study designs; cross-over trial; cross-over trials; crossover design; crossover designs; crossover procedure; crossover studies; crossover study; crossover study design; crossover trial; crossover trials; procedure, crossover

- **double blind crossover design** double blind crossover design; double blind crossover designs; double blind crossover studies; double blind crossover study; double blind crossover trial; double blind crossover trials;

double-blind crossover design; double-blind crossover designs; double-blind crossover studies; double-blind crossover study; double-blind crossover trial; double-blind crossover trials

- **nonrandomized crossover design** non-randomised cross-over design; non-randomised cross-over designs; non-randomised cross-over studies; non-randomised cross-over study; non-randomised cross-over trial; non-randomised cross-over trials; non-randomised crossover design; non-randomised crossover designs; non-randomised crossover studies; non-randomised crossover study; non-randomised crossover trial; non-randomised crossover trials; non-randomized cross-over design; non-randomized cross-over designs; non-randomized cross-over studies; non-randomized cross-over study; non-randomized cross-over trial; non-randomized cross-over trials; non-randomized crossover design; non-randomized crossover designs; non-randomized crossover studies; non-randomized crossover study; non-randomized crossover trial; non-randomized crossover trials; nonrandomised cross-over design; nonrandomised cross-over designs; nonrandomised cross-over studies; nonrandomised cross-over study; nonrandomised cross-over trial; nonrandomised cross-over trials; nonrandomised crossover design; nonrandomised crossover designs; nonrandomised crossover studies; nonrandomised crossover study; nonrandomised crossover trial; nonrandomised crossover trials; nonrandomized cross-over design; nonrandomized cross-over designs; nonrandomized cross-over studies; nonrandomized cross-over study; nonrandomized cross-over trial; nonrandomized cross-over trials; nonrandomized crossover design; nonrandomized crossover designs;

- nonrandomized crossover studies; nonrandomized crossover study; nonrandomized crossover trial; nonrandomized crossover trials
- **randomized crossover design** randomised cross-over design; randomised cross-over designs; randomised cross-over studies; randomised cross-over study; randomised cross-over trial; randomised cross-over trials; randomised crossover design; randomised crossover designs; randomised crossover studies; randomised crossover study; randomised crossover trial; randomised crossover trials; randomized cross-over design; randomized cross-over designs; randomized cross-over studies; randomized cross-over study; randomized crossover trial; randomized crossover trials; randomized crossover design; randomized crossover designs; randomized crossover studies; randomized crossover study; randomized crossover trial; randomized crossover trials
- **data representativeness study** data representativeness study
- **database study** data base design; data base designs; data base studies; data base study; data base trial; data base trials; database design; database designs; database studies; database study; database trial; database trials
- **descriptive study** descriptive design; descriptive designs; descriptive research; descriptive studies; descriptive study; descriptive trial; descriptive trials
- **descriptive review** descriptive review
- **diagnostic study** Diagnostic Study; Diagnostic Trial; diagnostic design; diagnostic designs; diagnostic studies; diagnostic study; diagnostic trial; diagnostic trials
- **diagnostic evaluation** Diagnostic evaluation; diagnostic evaluation
- **diagnostic self evaluation** Diagnostic Self Evaluation; Diagnostic Self Evaluations;

Evaluations, Diagnostic Self; Self Evaluation,
 Diagnostic; Self Evaluations, Diagnostic;
 diagnostic self evaluation

- **diagnostic test accuracy study** diagnostic test accuracy studies; diagnostic test accuracy study
- **imaging study** *A radiographic technique used to evaluate a specific anatomic location for a specific purpose. [NCI 2014_12E]*
 Image Study; Imaging Study; Imaging study; imaging study
- **technology development study** *The Technology Development Study is one that includes development and mechanistic testing of new diagnostic and therapeutic methods. [NCI 2014_12E]*
 Technology Development Study; technology development studies; technology development study
- **ecological study** *a statistical study exploring hypotheses by comparing groups, rather than individuals, e.g., comparing rates of breast cancer and levels of fat intake by country. [Dorland's illustrated medical dictionary_2011]*
 Population Based Study; ecologic studies; ecologic study; ecological design; ecological designs; ecological studies; ecological study; population based study; population-based study
- **ecological cross-sectional study** ecological cross sectional design; ecological cross sectional designs; ecological cross sectional studies; ecological cross sectional study; ecological cross sectional trial; ecological cross sectional trials; ecological cross-sectional design; ecological cross-sectional designs; ecological cross-sectional studies; ecological cross-sectional study; ecological cross-sectional trial; ecological cross-sectional trials

- **epidemiological study** *Studies designed to examine associations, commonly, hypothesized causal relations. They are usually concerned with identifying or measuring the effects of risk factors or exposures. The common types of analytic study are CASE-CONTROL STUDIES; COHORT STUDIES; and CROSS-SECTIONAL STUDIES. [MeSH 2014_2014_02_10]*
 EPIDEMIOLOGIC STUDIES; Epidemiologic Studies; Epidemiologic Study; Epidemiological Studies; Epidemiological Study; STUDIES EPIDEMIOLOGIC; Studies, Epidemiologic; Studies, Epidemiological; Study, Epidemiologic; Study, Epidemiological; epidemiological study
- **epidemiological review** epidemiological review
- **seroepidemiologic study** *EPIDEMIOLOGIC STUDIES based on the detection through serological testing of characteristic change in the serum level of specific ANTIBODIES. Latent subclinical infections and carrier states can thus be detected in addition to clinically overt cases. [MeSH 2014_2014_02_10]*
 SEROEPIDEMIOLOGIC STUDIES; SEROEPIDEMIOLOGIC STUDY; STUDIES SEROEPIDEMIOLOGIC; STUDY SEROEPIDEMIOLOGIC; Seroepidemiologic Studies; Seroepidemiologic Study; Seroepidemiological Studies; Seroepidemiological Study; Studies, Seroepidemiologic; Studies, Seroepidemiological; Study, Seroepidemiologic; Study, Seroepidemiological; seroepidemiologic study
- **evaluation** *Systematic, objective appraisal of the significance, effectiveness, and impact of activities or condition according to specified objectives and criteria. [NCI_16.03d]*
 Assessment; Assessments; Evaluation; Evaluation Studies; Evaluations; assessment; assessments; evaluation; evaluation design; evaluation designs; evaluation studies; evaluation study; evaluations

- **behaviour assessment** *Assessment of individual responses to age appropriate stimuli. [NCI 2014_12E]*
 Assess behavior care; Assess behaviour care; Assessing behavior; Assessing behaviour; Behavior assessment; Behavior assessment (procedure); Behavior care assessment; Behavior care assessment (procedure); Behavioral Assessment; Behavioral analysis; Behavioral assessment; Behavioral assessment (procedure); Behaviour assessment; Behaviour care assessment; Behavioural analysis; Behavioural assessment; behavior assessment; behaviour assessment
- **benefit assessment** Benefit assessment; benefit assessment
- **risk benefit assessment** Assessment, Benefit-Risk; Assessment, Risk-Benefit; Assessments, Benefit-Risk; Assessments, Risk-Benefit; BENEFIT RISK ASSESS; Benefit Risk Assessment; Benefit-Risk Assessment; Benefit-Risk Assessments; RISK BENEFIT ASSESS; Risk Benefit Assessment; Risk-Benefit Assessment; Risk-Benefit Assessments; risk benefit assessment
- **clinical evaluation** *Small-scale testing (usually on SBIRs) of new technology in a small group of patients or normal volunteers. Does not meet the rigorous criteria of a clinical trial. [NCI 2014_12E]*
 Clinical Evaluation; Clinical Testing; clinical evaluation; research clinical testing
- **cognitive assessment** *The examination of the cognitive capacities or deficits of an individual through the application of tests that probe that individual's ability to perform various mental activities such as perception, learning, and reasoning. [NCI 2014_12E]*
 Assessment: Cognition; Cognitive Assessment; cognitive assessment

- **comparative evaluation** Comparative evaluation; comparative evaluation
- **cost-effective assessment** cost-effective assessment; cost-effectiveness assessment
- **cost-effectiveness evaluation** cost effectiveness evaluation; cost-effectiveness evaluation
- **developmental neuropsychological assessment** *A series of neurocognitive tests for children from 3 to 16 years of age. NEPSY can be used for general, diagnostic, selective, or full assessment of neuropsychological development. (Copyright: Pearson Education, Inc; Marit Korkman, Ph.D., Ursula Kirk, Ph.D., and Sally Kemp, Ph.D., authors) [NCI 2014_12E]*
 Developmental Neuropsychological Assessment; NEPSY; Neuropsychological Assessment; developmental neuropsychological assessment
- **device evaluation** Device Evaluation; device evaluation
- **device process evaluation method** *Performing a review of the manufacturing and production processes and/or records for a specific device or lot that may have contributed to problems with a device. [NCI_16.01]*
 Device Process Evaluation Method; device process evaluation method
- **medical device usage and evaluation** Medical Device Usage and Evaluation; medical device usage and evaluation
- **diagnostic evaluation** Diagnostic evaluation; diagnostic evaluation
- **diagnostic self evaluation** Diagnostic Self Evaluation; Diagnostic Self Evaluations; Evaluations, Diagnostic Self; Self Evaluation, Diagnostic; Self Evaluations, Diagnostic; diagnostic self evaluation

- **drug evaluation** *Any process by which toxicity, metabolism, absorption, elimination, preferred route of administration, safe dosage range, etc., for a drug or group of drugs is determined through clinical assessment in humans or veterinary animals. [MeSH 2014_2014_02_10]*
 Clinical drug trial; Clinical drug trial (procedure); DRUG STUDY; Drug Evaluation; Drug Evaluation Studies; Drug Evaluation Study; Drug Evaluations; Evaluation Studies, Drug; Evaluation Study, Drug; Evaluation, Drug; Evaluations, Drug; Studies, Drug Evaluation; Study, Drug Evaluation; drug evaluation; testing of a drug
- **drug utilization evaluation** *Formal programs for assessing drug prescription against some standard. Drug utilization review may consider clinical appropriateness, cost effectiveness, and, in some cases, outcomes. Review is usually retrospective, but some analysis may be done before drugs are dispensed (as in computer systems which advise physicians when prescriptions are entered). Drug utilization review is mandated for Medicaid programs beginning in 1993. [MeSH 2014_2014_02_10]*
 DRUG USE REV; DRUG UTIL EVALUATION; DRUG UTIL REV; DUR; Drug Use Review; Drug Utilization Evaluation; Drug Utilization Evaluations; Drug Utilization Review; Drug Utilization Reviews; Drug-Use Review; Drug-Use Reviews; EVALUATION DRUG UTIL; Evaluation, Drug Utilization; Evaluations, Drug Utilization; REV DRUG USE; REV DRUG UTIL; Review, Drug Use; Review, Drug Utilization; Review, Drug-Use; Reviews, Drug

Utilization; Reviews, Drug-Use; UTIL REV DRUG; Utilization Evaluation, Drug; Utilization Evaluations, Drug; Utilization Review, Drug; Utilization Reviews, Drug; drug utilization evaluation; drug utilization review

- **pharmacological study** Pharmacological Study; pharmacological study
- **human pharmacology study** *The Human Pharmacology Study is a clinical study that involves one or more of following activities: assesses tolerance to the agent, defines/describes pharmacokinetics and pharmacodynamics, explores drug metabolism, drugs interactions, and evaluates agent activity. The term usually refers to early clinical stages of drug development. [NCI 2014_12E]* Human Pharmacology Study; human pharmacology study
- **pharmacodynamic study** *A study of the biochemical and physiological effect of a drug and the mechanism of drug action and the relationship between drug concentration and effect. [NCI 2014_12E]* Pharmacodynamic Study; pharmacodynamic study
- **pharmacoeconomic study** *A study that assesses the value associated with a given drug in therapeutic and economic terms. This type of study is multidisciplinary in nature and takes into consideration the social and economic costs (resource utilization costs including direct, indirect, and intangible costs) of drug therapy in addition to its*

direct therapeutic benefits. Analyses relate the difference in therapeutic benefits to the difference in costs between treatment alternatives. [NCI 2014_12E]

Pharmacoeconomic Study;
 pharmacoeconomic study

- **pharmacogenomic study** *A study of identification and analysis of genomic variations that affect the efficacy of a drug. Pharmacogenomic studies can potentially be predictive of an individual's drug-response or adverse reactions or susceptibility to iatrogenic disorders, and may also reveal new targets that can help in the design of new drugs. [NCI 2014_12E]*
 Pharmacogenomic Study; pharmacogenomic studies; pharmacogenomic study
- **pharmacokinetic study** *A study of the process by which a drug is absorbed, distributed, metabolized, and eliminated by the body. [NCI 2014_12E]*
 PK Study; Pharmacokinetic Study; pharmacokinetic study; pharmacokinetics study
- **preclinical drug evaluation** *Preclinical testing of drugs in experimental animals or in vitro for their biological and toxic effects and potential clinical applications. [MeSH 2014_2014_02_10]*
 DRUG EVALUATION PRECLIN; DRUG EVALUATION STUDIES PRECLIN; DRUG EVALUATIONS PRECLIN; Drug Evaluation Studies, Preclinical; Drug Evaluation, Preclinical; Drug Evaluations, Preclinical; Drug Screening; Drug Screenings; EVALUATION PRECLIN

DRUG; EVALUATION STUDIES DRUG
 PRECLIN; EVALUATION STUDIES PRE
 CLIN; EVALUATIONS PRECLIN DRUG;
 Evaluation Studies, Drug, Pre-Clinical;
 Evaluation Studies, Drug, Preclinical; Evaluation,
 Preclinical Drug; Evaluations, Preclinical Drug;
 PRECLIN DRUG EVALUATION; PRECLIN
 DRUG EVALUATIONS; Preclinical Drug
 Evaluation; Preclinical Drug Evaluations;
 Screening, Drug; Screenings, Drug; preclinical
 drug evaluation

- **economic assessment** Economic Assessment; Economic assessment; economic assessment
- **health economic assessment** health economic assessment
- **economic evaluation** Economic Evaluation; Economic evaluation; economic evaluation; economic evaluations
- **decision-analytic model-based economic evaluation** decision-analytic model-based economic evaluation
- **health economic evaluation** Health Economic evaluations; Health economic evaluation; health economic evaluation; health economic evaluations
- **model-based economic evaluation** model-based economic evaluation
- **parallel economic evaluation** parallel economic evaluation
- **pharmacoeconomic study** *A study that assesses the value associated with a given drug in therapeutic and economic terms. This type of study is multidisciplinary in nature and takes into consideration the social and economic costs (resource utilization costs including direct, indirect, and intangible costs) of drug therapy in*

*addition to its direct therapeutic benefits.
 Analyses relate the difference in therapeutic
 benefits to the difference in costs between
 treatment alternatives. [NCI 2014_12E]*

Pharmacoeconomic Study; pharmacoeconomic
 study

- **preliminary economic evaluation** preliminary economic evaluation
- **primary economic evaluation** primary economic evaluation
- **educational assessment** ASSESS EDUC; Assessment, Educational; Assessments, Educational; EDUC ASSESS; Educational Assessment; Educational Assessments; educational assessment
- **educational needs assessment** Assessment, Educational Needs; EDUC NEEDS ASSESS; Education needs assessment; Education needs assessment (procedure); Educational Needs Assessment; Needs Assessment, Educational; Needs Assessments, Educational; education needs assessment; educational needs assessment
- **empirical evaluation** Empirical evaluation; empirical evaluation
- **evidence assessment** evidence assessment
- **rapid evidence assessment** rapid evidence assessment
- **evidence-based evaluation** Evidence-based evaluation; evidence-based evaluation
- **exercise evaluation** Exercise Evaluation; exercise evaluation
- **feasibility assessment** feasibility assessment
- **fertility assessment** fertility assessment; fertility assessments

- **fertility assessment and management** Fertility Assessment and Management; fertility assessment and management; fertility assessment/management; fertility management/assessment
- **fetal assessment** *Any test to determine the fetal status, such as ultrasound or fetal heart rate monitoring. (NICHD) [NCI 2014_12E]*
 Assessment of Fetal Condition; Fetal Assessment; fetal assessment
- **formative evaluation** formative assessment; formative evaluation
- **functional assessment** *An appraisal of the operation and performance of an object of interest. [NCI 2014_12E]*
 Functional Assessment; functional assessment
- **geriatric assessment** *The complete examination of an elderly individual, which includes a full valuation of the physical and cognitive conditions, as well as a check of the patient's emotional state. [NCI 2014_12E]*
 ASSESS GERIATRIC; Assessment, Geriatric; Assessments, Geriatric; Comprehensive Geriatric Assessment; GERIATRIC ASSESS; GS - Geriatric screening; Geriatric Assessment; Geriatric Assessments; Geriatric screening; Geriatric screening (procedure); comprehensive geriatric assessment; geriatric assessment
- **health care outcome assessment** *Research aimed at assessing the quality and effectiveness of health care as measured by the attainment of a specified end result or outcome. Measures include parameters such as improved health, lowered morbidity or mortality, and improvement of abnormal states (such as elevated blood pressure). [MeSH 2014_2014_02_10]*
 Assessment, Outcome (Health Care); Assessments,

Outcome (Health Care); OUTCOME ASSESSMENT (HEALTHCARE); Outcome Assessment (Health Care); Outcome Assessments (Health Care); health care outcome assessment; healthcare outcome assessment

- **patient outcome assessment** ASSESS PATIENT OUTCOME; ASSESS PATIENT OUTCOMES; Assessment, Patient Outcome; Assessment, Patient Outcomes; Assessments, Patient Outcome; OUTCOME ASSESS PATIENT; OUTCOMES ASSESS PATIENT; Outcome Assessment, Patient; Outcome Assessments, Patient; Outcomes Assessments, Patient; PATIENT OUTCOME ASSESS; Patient Centered Outcomes Research; Patient Outcome Assessment; Patient Outcome Assessments; Patient Outcomes Assessment; patient outcome assessment
- **health services evaluation** *A multidisciplinary field of inquiry that examines the costs, quality, accessibility, delivery, organization, financing, and outcomes of health care services. [NCI 2014_12E]*
 Evaluation, Health Services; Evaluations, Health Services; HEALTH SERV EVALUATION; Health Services Evaluation; Health Services Evaluations; health services evaluation
- **impact assessment** Impact assessment; Impact evaluation; impact assessment
- **health impact assessment** *Combination of procedures, methods, and tools by which a policy, program, or project may be judged as to its potential effects on the health of a population, and the distribution of those effects within the population. [MeSH 2014_2014_02_10]*
 Assessment, Health Impact; Assessments, Health Impact; Health Impact Assessment; Health Impact

Assessments; Health impact assessment; Impact Assessment, Health; Impact Assessments, Health; health impact assessment

- **integrated fitness assessment** *An assessment used to indicate a person's overall level of fitness, including tests used to assess a person's muscle strength, endurance, and flexibility. [NCI 2014_12E]*
 Integrated Fitness Assessment; integrated fitness assessment
- **medical assessment** *An appraisal or evaluation of a patient's condition by a clinician that is based on a physical exam, medical history, and the patient's account of symptoms. [NCI 2014_12E]*
 Medical Assessment; Medical Exam; Medical Examination; Medical Inspection; Medical assessment; Medical assessment (procedure); medical assessment; medical examination
- **metabolic assessment** *Abnormal Assessment of Metabolism; Metabolic Abnormality Assessment; Metabolic Assessment; Metabolic Assessment, Abnormality; Metabolic Studies; Metabolism Studies; assessment of metabolism; metabolic abnormality assessment; metabolic assessment; metabolism studies*
- **mixed-method evaluation** *mixed-method evaluation; mixed-methods evaluation*
- **needs assessment** *Systematic identification of a population's needs or the assessment of individuals to determine the proper level of services needed. [MeSH 2014_2014_02_10]*
 Assessment of needs; Assessment of needs (procedure); NEEDS ASSESS; Needs Assessment; Needs Assessments; Needs assessment; needs assessment
- **educational needs assessment** *Assessment, Educational Needs; EDUC NEEDS ASSESS;*

- Education needs assessment; Education needs assessment (procedure); Educational Needs Assessment; Needs Assessment, Educational; Needs Assessments, Educational; education needs assessment; educational needs assessment
- **health care needs assessment** ASSESS HEALTH CARE NEEDS; ASSESS HEALTHCARE NEEDS; Assessment of Health Care Needs; Assessment of Healthcare Needs; DETERMINATION HEALTH CARE NEEDS; DETERMINATION HEALTHCARE NEEDS; Determination of Health Care Needs; Determination of Healthcare Needs; Needs Assessment, Healthcare; Needs Assessments, Healthcare; health care needs assessment; healthcare needs assessment
- **neuromuscular maturity assessment** *A neuromuscular examination of a newborn's developmental characteristics. [NCI 2014_12E]*
 Neuromuscular Maturity Assessment; neuromuscular maturity assessment
- **nursing assessment** *Evaluation of the nature and extent of nursing problems presented by a patient for the purpose of patient care planning. [MeSH 2014_2014_02_10]*
 ASSESS NURS; Assessment, Nursing; Assessments, Nursing; NURS ASSESS; Nursing Assessment; Nursing Assessments; nursing assessment
- **nursing evaluation study** *Research carried out by nurses that uses interviews, data collection, observation, surveys, etc., to evaluate nursing, health, clinical, and nursing education programs and curricula, and which also demonstrates the value of such evaluation. [MeSH 2014_2014_02_10]*
 EVALUATION NURS PROGRAM; EVALUATION

RESEARCH NURS; EVALUATION STUDIES
 NURS; Evaluation Research, Nursing; Evaluation
 Researchs, Nursing; Evaluation Studies, Nursing;
 Evaluation Study, Nursing; Evaluation, Nursing
 Program; Evaluations, Nursing Program; NURS
 EVALUATION RESEARCH; NURS PROGRAM
 EVALUATION; Nursing Evaluation Research; Nursing
 Evaluation Researchs; Nursing Evaluation Studies;
 Nursing Evaluation Study; Nursing Program
 Evaluation; Nursing Program Evaluations; PROGRAM
 EVALUATION NURS; Program Evaluation, Nursing;
 Program Evaluations, Nursing; RESEARCH NURS
 EVALUATION; Research, Nursing Evaluation;
 Researchs, Nursing Evaluation; Studies, Nursing
 Evaluation; Study, Nursing Evaluation; nursing
 evaluation study

- **nutritional assessment** *Evaluation and measurement of nutritional variables in order to assess the level of nutrition or the NUTRITIONAL STATUS of the individual. NUTRITION SURVEYS may be used in making the assessment. [MeSH 2014_2014_02_10]*
 ASSESS NUTRITION; Assesses nutritional habits and patterns; Assessment of nutritional status; Assessment of nutritional status (procedure); Assessment, Nutrition; Assessment, Nutritional; Assessments, Nutrition; Assessments, Nutritional; Dietary Assessment; NUTRITION ASSESS; Nutrition Assessment; Nutrition Assessments; Nutritional Assessment; Nutritional Assessments; Nutritional assessment; Nutritional assessment (procedure); Physical/nutritional assessment; dietary assessment; dietary counseling; food assessment; nutritional assessment; nutritional care; nutritional counseling; nutritional support; support, nutritional

- **observation outcome assessment** *A critical appraisal of the evidence of the association between an assessment and the results of an observation. [NCI 2014_12E]*
 Assessment of Observation Result; Observation Outcome Assessment; observation outcome assessment
- **observation-based evaluation** observation-based evaluation; observation-based evaluations
- **pain assessment** *The evaluation of pain complaints. Measurements should be objective on the part of the practitioner, based on subjective information from the patient. Measurements may also be indirect, by such assessments as respiratory rate and effort, withdrawal, guarding, or other appropriate assessment techniques. [NCI 2014_12E]*
 ASSESS PAIN; Analgesia Test; Analgesia Tests; Assessment, Pain; Assessments, Pain; Measurement, Pain; Measurements, Pain; Nociception Test; Nociception Tests; PAIN ASSESS; Pain Assessment; Pain Assessments; Pain Measurement; Pain Measurements; Pain assessment; Pain assessment (procedure); Test, Analgesia; Test, Nociception; Tests, Analgesia; Tests, Nociception; pain assessment; pain measurement
- **patient-related assessment** patient-related assessment; patient-related assessments
- **performance assessment** performance assessment; performance assessments
- **physical assessment** *Systematic and thorough inspection of the patient for physical signs of disease or abnormality. [MeSH 2014_2014_02_10]*
 EXAM PHYSICAL; Examination - action; Examination - action (qualifier value); Examination of patient; Examination, Physical; Examinations, Physical;

General physical exam; General physical examination;
 PE - Physical examination; PHYSICAL EXAM;
 PHYSICAL EXAMINATION; Physical Assessment;
 Physical Exam; Physical Examination; Physical
 Examinations; Physical assessment; Physical
 assessment (procedure); Physical examination; Physical
 examination -action; Physical examination NOS;
 Physical examination procedure; physical assessment;
 physical examination

- **pilot assessment** Pilot assessment; pilot assessment
- **post-cardiac transplant evaluation** *A procedure to evaluate the health of the an individual after receiving a heart transplant. (ACC) [NCI 2014_12E]*
 POST-CARDIAC TRANSPLANT; Post-Cardiac Transplant Evaluation; post-cardiac transplant evaluation
- **postmarketing evaluation study** *Surveillance of drugs, devices, appliances, etc., for efficacy or adverse effects, after they have been released for general sale. [MeSH 2014_2014_02_10]*
 Evaluation Studies, Postmarketing; Evaluation Study, Postmarketing; Post-Marketing Product Surveillance; Post-Marketing Product Surveillances; Postmarketing Evaluation Studies; Postmarketing Evaluation Study; Postmarketing Product Surveillance; Postmarketing Product Surveillances; Product Surveillance, Post Marketing; Product Surveillance, Post-Marketing; Product Surveillance, Postmarketing; Product Surveillances, Post-Marketing; Product Surveillances, Postmarketing; Studies, Postmarketing Evaluation; Study, Postmarketing Evaluation; Surveillance, Post-Marketing Product; Surveillance, Postmarketing Product; Surveillances, Post-Marketing Product; Surveillances, Postmarketing Product; postmarketing

evaluation study

- **preliminary evaluation** preliminary evaluation
- **preliminary economic evaluation** preliminary economic evaluation
- **preliminary model-based assessment** preliminary model-based assessment
- **preliminary model-based assessment** preliminary model-based assessment
- **prevention and treatment evaluation** Prevention and Treatment Evaluation; prevention and treatment evaluation
- **process assessment** *An evaluation procedure that focuses on how care is delivered, based on the premise that there are standards of performance for activities undertaken in delivering patient care, in which the specific actions taken, events occurring, and human interactions are compared with accepted standards. [MeSH 2014_2014_02_10]*
 ASSESS PROCESS; Assessment, Process; Assessment, Process (Health Care); Assessments, Process; Assessments, Process (Health Care); PROCESS ASSESS; Process Assessment; Process Assessment (Health Care); Process Assessments; Process Assessments (Health Care); process assessment
- **outcome and process assessment** *Evaluation procedures that focus on both the outcome or status (OUTCOMES ASSESSMENT) of the patient at the end of an episode of care - presence of symptoms, level of activity, and mortality; and the process (ASSESSMENT, PROCESS) - what is done for the patient diagnostically and therapeutically. [MeSH 2014_2014_02_10]*
 OUTCOME PROCESS ASSESS; Outcome and

Process Assessment; outcome and process assessment

- **program evaluation** *Studies designed to assess the efficacy of programs. They may include the evaluation of cost-effectiveness, the extent to which objectives are met, or impact. [MeSH 2014_2014_02_10]*
 Evaluation, Program; Evaluations, Program; Program Evaluation; Program Evaluations; program assessment; program evaluation
- **psychosocial assessment** Assess psychosocial analysis; Assess psychosocial care; Psychosocial Assessment; Psychosocial Assessment and Care; Psychosocial Care; Psychosocial Care/Assessment; Psychosocial Studies; Psychosocial Support; Psychosocial analysis; Psychosocial analysis assessment; Psychosocial analysis assessment (procedure); Psychosocial assessment; Psychosocial assessment (procedure); Psychosocial care; Psychosocial care (regime/therapy); Psychosocial support; psychosocial assessment; psychosocial assessment and care; psychosocial assessment/care; psychosocial care; psychosocial care/assessment; psychosocial studies; psychosocial support
- **qualitative evaluation** Evaluation, Qualitative; Evaluations, Qualitative; Qualitative Evaluation; Qualitative Evaluations; qualitative assessment; qualitative evaluation; qualitative evaluations
- **quality assessment** Quality assessment; quality assessment
- **health care quality assessment** *The systemic measurement of the quality of health care that includes a broad set of performance measures such as the quality of services and the outcomes analysis for particular diseases and conditions, mortality and morbidity, patient safety, data on*

maternal and child health, as well as evaluation of quality of diagnosis, care excessability, implementation of proven evidence-based practices, quality of reporting systems for errors and adverse events, reliability and excessability of health and health care-related information, and health care organizations infrastructure.

[NCI 2014_12E]

Assessment, Healthcare Quality; Assessments, Healthcare Quality; HEALTH CARE QUAL ASSESS; HEALTHCARE QUAL ASSESS; Health Care Quality Assessment; Healthcare Quality Assessment; Healthcare Quality Assessments; QUAL ASSESS HEALTH CARE; QUAL ASSESS HEALTHCARE; Quality Assessment, Health Care; Quality Assessment, Healthcare; Quality Assessments, Healthcare; Quality of Health Care Assessment; health care quality assessment

- **quality of life assessment** *A determination of an individual's sense of well-being and ability to enjoy life. [NCI 2014_12E]*
 Quality of Life Assessment; Quality-of-Life Assessment; quality of life assessment; quality-of-life assessment
- **quantitative evaluation** Evaluation, Quantitative; Evaluations, Quantitative; Quantitative Evaluation; Quantitative Evaluations; quantitative evaluation; quantitative evaluations
- **randomized evaluation** Randomised Assessment; Randomised Assessments; Randomised evaluation; Randomized Assessment; Randomized Assessments; randomised evaluation; randomised evaluations; randomized evaluation; randomized evaluations

- **rapid assessment** Rapid assessment; rapid assessment
- **rapid evidence assessment** rapid evidence assessment
- **reassessment study** reassessment studies; reassessment study
- **receptive vocabulary assessment** *A test that assesses an individual's understanding of spoken English language. [NCI 2014_12E]*
 Receptive Vocabulary Assessment; receptive vocabulary assessment
- **regulatory assessment** *A regulatory action or inaction undertaken by the regulatory authority as a result of a submission analysis and evaluation. [NCI 2014_12E]*
 Regulatory Assessment; Regulatory Assessment; regulatory assessment
- **label comprehension study** Label Comprehension Studies; label comprehension study
- **risk assessment** Assessment, Risk; Assessments, Risk; Risk Assessment; Risk Assessments; Risk assessment; risk assessment
- **fall risk assessment** Fall risk assessment; fall risk assessment
- **genetic risk assessment** Genetic risk assessment; genetic risk assessment
- **home risk assessments** home risk assessments
- **molecular risk assessment** Molecular Risk Assessment; molecular risk assessment
- **postpartum risk assessment** postpartum risk assessment
- **risk benefit assessment** Assessment, Benefit-Risk; Assessment, Risk-Benefit; Assessments, Benefit-Risk; Assessments, Risk-Benefit; BENEFIT RISK ASSESS; Benefit Risk Assessment; Benefit-Risk Assessment; Benefit-Risk

- Assessments; RISK BENEFIT ASSESS; Risk Benefit Assessment; Risk-Benefit Assessment; Risk-Benefit Assessments; risk benefit assessment

▪ **risk factor assessment** *A systematic gathering of information regarding the variables associated with an individual's increased risk of disease or infection. [NCI 2014_12E]*
 Risk Factor Assessment; risk factor assessment
- **scientific evaluation** Scientific Evaluation; scientific evaluation
- **self-assessment** *Appraisal of one's own personal qualities or traits. [MeSH 2014_2014_02_10]*
 ASSESS SELF; Assessment, Self; Assessment, Self (Psychology); Assessments, Self; Assessments, Self (Psychology); SELF ASSESS; SELF ASSESS PSYCHOL; Self Assessment; Self Assessment (Psychology); Self Assessments; Self Assessments (Psychology); Self-Assessment; Self-Assessments; self-assessment
- **summative evaluation** summative assessment; summative evaluation
- **symptom assessment** *Evaluation of manifestations of disease. [MeSH 2014_2014_02_10]*
 Assessment, Symptom; Assessments, Symptom; Symptom Assessment; Symptom Assessments; symptom assessment
- **technology assessment** *Technology assessment (TA) arose in the mid-1960s from an appreciation of the critical role of technology in modern society and its potential for unintended, and sometimes harmful, consequences. TA was conceived as a way to identify the desirable first-order, intended effects of technologies as well as the higher-order, unintended social, economic and*

environmental effects. TA methodology draws upon a variety of analytical, evaluative and planning techniques. Among these are systems analysis, cost-benefit analysis, consensus methods (e.g., Delphi method), engineering feasibility studies, clinical trials, market research, technological forecasting, and others. TA practitioners and policy makers recognized that TA is evolving, flexible, and should be tailored to the task (Brooks and Bowers 1970 and U.S. Congress, Office of Technology Assessment 1977). [NCI 2014_12E]
 ASSESS TECHNOLOG; Assessment, Technology;
 Assessments, Technology; TECHNOLOG ASSESS;
 Technology Assessment; Technology Assessments;
 Technology assessment; Technology evaluation;
 technological evaluation; technology assessment;
 technology evaluation

- **biomedical technology assessment** *Evaluation of biomedical technology in relation to cost, efficacy, utilization, etc., and its future impact on social, ethical, and legal systems. [MeSH 2014_2014_02_10]*
 ASSESS BIOMED TECHNOLOG; Assessment, Biomedical Technology; Assessments, Biomedical Technology; BIOMED TECHNOLOG ASSESS; Biomedical Technology Assessment; Biomedical Technology Assessments; TECHNOLOG ASSESS BIOMED; Technology Assessment, Biomedical; Technology Assessments, Biomedical; biomedical technology assessment
- **health technology assessment** HTA; Health Technology Assessment; Health technology assessment; health technology assessment; health technology assessments
- **medical product usage and evaluation**

- Medical Product Usage and Evaluation;
 medical product usage and evaluation
- **rapid health technology assessment** rapid Health Technology Assessment; rapid health technology assessment
- **technology development study** *The Technology Development Study is one that includes development and mechanistic testing of new diagnostic and therapeutic methods. [NCI 2014_12E]*
 Technology Development Study; technology development studies; technology development study
- **therapy evaluation** *Determining the efficacy of a particular therapy or treatment [NCI 2014_12E]*
 Therapy Evaluation; therapy evaluation
- **treatment assessment** treatment assessment
- **work capacity evaluation** *Assessment of physiological capacities in relation to job requirements. It is usually done by measuring certain physiological (e.g., circulatory and respiratory) variables during a gradually increasing workload until specific limitations occur with respect to those variables. [MeSH 2014_2014_02_10]*
 Capacity Evaluation, Work; Capacity Evaluations, Work; EVALUATION WORK CAPAC; Evaluation, Work Capacity; Evaluations, Work Capacity; WORK CAPAC EVALUATION; Work Capacity Evaluation; Work Capacity Evaluations; work capacity evaluation
- **factorial design** *Two or more interventions, each alone and in combination, are evaluated in parallel against a control group. [NCI_14.05d] [Contributing_Source_CDISC]*
 factorial design; factorial designs; factorial studies; factorial

- study; factorial trial; factorial trials
- **familial study** *Research conducted on members of families, examining the affects of genetics, the environment, or twin offspring. [NCI 2014_12E]*
 Familial Studies; Familial Study; Family Study; familial study; family study; household study
- **maternal and child health study** *Studies focusing on the involvement of maternal factors (and efforts to modify these factors) that may affect the health of the child or fetus: smoking or exposure to drugs or toxic chemicals during pregnancy, maternal/fetal immunologic interactions. [NCI 2014_12E]*
 Maternal and Child Health Study; maternal and child health study
- **twin study** Twin Studies; Twin Study; twin study
- **feasibility study** *Small-scale tests of methods and procedures to be used on a larger scale if the pilot study demonstrates that these methods and procedures can work. [Pilot Projects | MeSH_2015]*
 Feasibility Studies; Feasibility Study; Pilot Studies; Pilot Study; Pilot study; Studies, Feasibility; Studies, Pilot; Study, Feasibility; Study, Pilot; feasibility design; feasibility designs; feasibility studies; feasibility study; feasibility trial; feasibility trials; pilot project; pilot projects; pilot studies; pilot study; pilot study ; preliminary study
- **feasibility assessment** feasibility assessment
- **mixed-methods feasibility study** mixed-methods feasibility study
- **focus group** *A method of data collection and a qualitative research tool in which a small group of individuals are brought together and allowed to interact in a discussion of their opinions about topics, issues, or questions. [MeSH_2014]*
 focus group; focus groups

- **genetic study** *An examination of genetic material for the presence or absence of cytogenetic or molecular genetic abnormalities. [NCI 2014_12E]*
 Genetic Study; genetic study
- **genetic association study** *The analysis of a sequence such as a region of a chromosome, a haplotype, a gene, or an allele for its involvement in controlling the phenotype of a specific trait, metabolic pathway, or disease. [MeSH 2014_2014_02_10]*
 Association Studies, Genetic; Association Study, Genetic; Genetic Association Studies; Genetic Association Study; Studies, Genetic Association; Study, Genetic Association; genetic association study
- **candidate gene association study** *The determination of genes suspected to be associated with specific traits, metabolic pathways, or diseases. [MeSH 2014_2014_02_10]*
 Candidate Gene Association Studies; Candidate Gene Association Study; Candidate Gene Identification; Discovery, Gene; Gene Discovery; Gene Identification, Candidate; Identification, Candidate Gene; candidate gene association study
- **genome-wide association study** *An analysis comparing the allele frequencies of all available (or a whole GENOME representative set of) polymorphic markers in unrelated patients with a specific symptom or disease condition, and those of healthy controls to identify markers associated with a specific disease or condition. [MeSH 2014_2014_02_10]*
 Association Studies, Genome-Wide; Association Study, Genome-Wide; GWA Studies; GWA Study; GWAS; Genome Wide Association Analysis; Genome Wide Association Scan;

Genome Wide Association Studies; Genome Wide Association Study; Genome-Wide Association Analysis; Genome-Wide Association Studies; Genome-Wide Association Study; Studies, GWA; Studies, Genome-Wide Association; Study, GWA; Study, Genome-Wide Association; WGA study; WGAS; Whole Genome Association Analysis; Whole Genome Association Study; genome-wide association study; whole genome association study

- **genetic population study** Genetic Population Study; genetic population study
- **genetic risk assessment** Genetic risk assessment; genetic risk assessment
- **pharmacogenomic study** *A study of identification and analysis of genomic variations that affect the efficacy of a drug. Pharmacogenomic studies can potentially be predictive of an individual's drug-response or adverse reactions or susceptibility to iatrogenic disorders, and may also reveal new targets that can help in the design of new drugs. [NCI 2014_12E]*
 Pharmacogenomic Study; pharmacogenomic studies; pharmacogenomic study
- **head-to-head design** head to head design; head to head designs; head to head studies; head to head study; head to head trial; head to head trials; head-to-head design; head-to-head designs; head-to-head studies; head-to-head study; head-to-head trial; head-to-head trials
- **health care delivery study** *The Health Care Delivery Study is one that focuses on economic and social effects of health care practice and delivery. [NCI 2014_12E]*
 Health Care Delivery Study; health care delivery study
- **histopathologic study** *The microscopic study of characteristic tissue abnormalities by employing various cytochemical and*

- immunocytochemical stains. [NCI 2014_12E]*
 - Histopathologic Examination; Histopathologic Study; histopathologic examination; histopathologic study
- **human study** human experiment; human experiments; human studies; human study
- **in silico study** in silico study
- **in vitro study** in vitro design; in vitro designs; in vitro studies; in vitro study
- **in vivo study** in vivo design; in vivo designs; in vivo studies; in vivo study
- **interdisciplinary study** *Studies that bring together multiple scientific disciplines to address specific issues. [NCI 2014_12E]*
 Interdisciplinary Research; Interdisciplinary Studies; Interdisciplinary Study; Studies, Interdisciplinary; Study, Interdisciplinary; interdisciplinary research; interdisciplinary study
- **interventional study** *A pre-clinical or clinical study in human beings in which individuals are assigned by an investigator based on a protocol to receive specific interventions. The individuals are then followed and biomedical and/or health outcomes are assessed. [NCI 2014_12E]*
 Intervention Studies; Intervention Study; Intervention Trial; Interventional Study; Studies, Intervention; Study, Intervention; interventional study
- **intervention community trial** *The Intervention Community Trial is a controlled study that involves modification of causal or conjectural causal factors in a population to test a cause-effect relationship. [NCI 2014_12E]*
 Intervention Community Trial; intervention community trial
- **treatment study** *A type of study protocol designed to*

evaluate intervention(s) for disease treatment.

[NCI 2014_12E]

Treatment Study; treatment study

- **interview study** *A conversation with an individual regarding his or her background and other personal and professional details, opinions on specific subjects posed by the interviewer, etc. [NCI_14.05d]*
 interview studies; interview study; oral history
 - **face-to-face interview** face-to-face interview; face-to-face interviews
 - **semi-structured interview** semi-structured interview; semi-structured interviews; semistructured interview; semistructured interviews
 - **structured interview** structured interview; structured interviews
- **label comprehension study** Label Comprehension Studies; label comprehension study
- **laboratory study** Laboratory Study; Laboratory studies; laboratory study
- **literature review** *Significant review of original research. [Emtree_2014]*
 literature review; literature reviews; review literature; review of literature; review of literatures; review of the literature; review, academic
 - **article review** article review; review of articles
 - **authors review** authors review; review of authors
 - **clinical review** clinical review
 - **compilation of literature** compilation of literature; compilation of the literature
 - **complete review** complete review
 - **comprehensive review** comprehensive review
 - **critical review** critical review
 - **current review** current review
 - **review of current evidence** review of current

evidence

- **descriptive review** descriptive review
- **epidemiological review** epidemiological review
- **evidence report** evidence report; evidence reports; evidence-based review; report of evidence
- **evidence assessment** evidence assessment
- **rapid evidence assessment** rapid evidence assessment
- **review of current evidence** review of current evidence
- **integrative review** integrative review
- **integrative research review** integrative research review
- **international review** international review
- **mapping study** mapping studies; mapping study
- **narrative review** narrative review; narrative reviews
- **overview of reviews** meta-review; meta-reviews; overview of reviews; overview review; overview reviews; review of reviews; umbrella review; umbrella reviews
- **systematic overview** overview of systematic reviews; systematic overview
- **qualitative review** qualitative review
- **quantitative review** quantitative review
- **rapid review** rapid review; rapid reviews
- **rapid realist review** rapid realist review
- **realist review** realist review
- **rapid realist review** rapid realist review
- **research synthesis** research syntheses; research synthesis; synthesis of research; synthesis studies; synthesis study
- **congruent synthesis** congruent synthesis
- **data synthesis** data synthesis
- **descriptive synthesis** descriptive synthesis
- **evidence synthesis** evidence synthesis; synthesis of

evidence

- **best-evidence synthesis** best-evidence synthesis
- **qualitative evidence synthesis** qualitative evidence synthesis
- **synthesis of available evidence** synthesis of available evidence
- **interpretive synthesis** interpretive synthesis
- **critical interpretive synthesis** critical interpretive synthesis
- **knowledge synthesis** knowledge synthesis
- **literature synthesis** literature synthesis; synthesis of the literature
- **meta-analysis** *The formal evaluation of the quantitative evidence from two or more trials bearing on the same question. NOTE: This most commonly involves the statistical combination of summary statistics from the various trials, but the term is sometimes also used to refer to the combination of the raw data.*
 [from ICH E9 Glossary]
 [NCI_14.05d] [Contributing_Source_CDISC]
 Meta-Analysis; Meta-analysis; analysis, meta; meta anal; meta analyses; meta analysis; meta study; meta-analyses; meta-analysis; meta-studies; meta-study; meta-syntheses; meta-synthesis; metaanal; metaanalyses; metaanalysis
- **individual patient data meta-analysis** MIPD; individual patient data meta analysis; individual patient data meta-analysis; individual patient data metaanalysis; individual patient data review; ipd meta analysis; ipd meta-analysis; ipd metaanalysis; ipd review; meta analysis of individual participant data; meta analysis of

- individual patient data; meta-analysis of individual participant data; meta-analysis of individual patient data; metaanalysis of individual participant data; metaanalysis of individual patient data
- **meta-epidemiological study** meta-epidemiological studies; meta-epidemiological study
- **meta-ethnographic study** meta-ethnographic studies; meta-ethnographic study; meta-ethnography
- **network meta-analysis** network meta-analysis
- **narrative synthesis** narrative synthesis
- **qualitative synthesis** qualitative synthesis
- **synthesis of qualitative research** synthesis of qualitative research
- **quantitative synthesis** quantitative synthesis
- **realist synthesis** realist synthesis
- **refutational synthesis** refutational synthesis
- **synthesis of current research** synthesis of current research; synthesis of current research
- **synthesis of qualitative research** synthesis of qualitative research
- **thematic synthesis** thematic synthesis
- **updated synthesis** updated synthesis
- **review of research** review of research
- **scoping review** scoping review; scoping reviews
- **selective review** selective review
- **structured review** structured review
- **systematic review** *Used for studies that systematically summarize all relevant evidence pertaining to a defined health question, and including items identified as such by the author. [Emtree_2014]*

review, systematic; systematic review; systematic reviews

- **systematic overview** overview of systematic reviews; systematic overview
- **theory-driven review** theory driven review; theory driven reviews; theory-driven review; theory-driven reviews
- **longitudinal study** *Studies in which variables relating to an individual or group of individuals are assessed over a period of time. [MeSH_2014]*
 Longitudinal Studies; Longitudinal Study; Longitudinal Survey; Longitudinal Surveys; Studies, Longitudinal; Study, Longitudinal; Survey, Longitudinal; Surveys, Longitudinal; longitudinal design; longitudinal designs; longitudinal evaluation; longitudinal studies; longitudinal study; longitudinal survey; longitudinal trial; longitudinal trials
- **follow-up study** *Studies in which individuals or populations are followed to assess the outcome of exposures, procedures, or effects of a characteristic, e.g., occurrence of disease. [MeSH 2014_2014_02_10]*
 Follow Up Studies; Follow-Up Studies; Follow-Up Study; Follow-up Study; Followup Studies; Followup Study; Studies, Follow-Up; Studies, Followup; Study, Follow-Up; Study, Followup; follow-up study; followup study
- **longitudinal cohort study** longitudinal cohort study
- **panel study** *Panel studies are a particular design of longitudinal study in which the unit of analysis is followed at specified intervals over a long period, often many years. The key feature of panel studies is that they collect repeated measures from the same sample at different points in time. [Oxford Bibliographies]*
<http://www.oxfordbibliographies.com/view/document/obo-9780199756384/obo-9780199756384-0108.xml>

- Panel Study; panel studies; panel study
- **uncontrolled longitudinal study** uncontrolled longitudinal design; uncontrolled longitudinal designs; uncontrolled longitudinal studies; uncontrolled longitudinal study; uncontrolled longitudinal trial; uncontrolled longitudinal trials
- **methodological study** METHODOL STUDIES; METHODOL STUDY; Methodological Studies; Methodological Study; STUDIES METHODOL; STUDY METHODOL; Studies, Methodological; Study, Methodological; methodological study
- **model** *A representation of something, often idealized or modified to make it conceptually easier to understand. [NCI_15.09d]* Model; Model System; Modeling; Modeling System ; Models; model; modelling; models
- **biological model** *Theoretical representations that simulate the behavior or activity of biological processes or diseases. For disease models in living animals, DISEASE MODELS, ANIMAL is available. Biological models include the use of mathematical equations, computers, and other electronic equipment. [MeSH 2014_2014_02_10]* BIOL MODEL; BIOL MODELS; Biologic Model; Biologic Models; Biological Model; Biological Models; MODEL BIOL; MODELS BIOL; Model, Biologic; Model, Biological; Models, Biologic; Models, Biological; biological model
- **animal model** *An animal that is amenable to experimentation and whose physiological or pathologic mechanisms are sufficiently similar to those of a human for the animal to serve as a model. [NCI_16.01]* Models, Animal; animal model; animal models ;

model, animal

- **animal disease model** *Naturally occurring or experimentally induced animal diseases with pathological processes sufficiently similar to those of human diseases. They are used as study models for human diseases. [MeSH 2014_2014_02_10]*
 Animal Disease Model; Animal Disease Models; Animal Model of Disease; DIS MODELS ANIMAL; Disease Model, Animal; Disease Models, Animal; animal disease model
- **experimental animal model** Animal Model, Experimental; Animal Models, Experimental; Experimental Animal Model; Experimental Animal Models; Model, Experimental Animal; Models, Experimental Animal; experimental animal model
- **laboratory animal model** Animal Model, Laboratory; Animal Models, Laboratory; Laboratory Animal Model; Laboratory Animal Models; Model, Laboratory Animal; Models, Laboratory Animal; laboratory animal model
- **mouse model** *The use of special strains of mice to study a human disease or condition, and how to prevent and treat it. [NCI_16.01]*
 Mouse Model; mouse model
- **pre-clinical model** *Theoretical models before being tested clinically [NCI 2014_12E]*
 Pre-Clinical Model; Preclinical Models; pre-clinical model
- **transgenic model** *A disease in a transgenic*

animal with pathologic mechanisms sufficiently similar to those of a human disease for the animal disease to serve as a model. [NCI 2014_12E]

Transgenic Model; transgenic model

- **bacterial model** *Pathways and other molecular and cellular processes which can be manipulated in bacteria, the results of which can be extrapolated to human systems. [NCI 2014_12E]*
 Bacterial Model; bacterial model
- **fungi model** Fungi Model; fungi model
- **yeast model** *Pathways and other molecular and cellular processes which can be manipulated in yeast, the results of which can be extrapolated to human systems. [NCI 2014_12E]*
 Yeast Model; Yeast Model System; yeast model
- **immunological model** *Theoretical representations that simulate the behavior or activity of immune system, processes, or phenomena. They include the use of mathematical equations, computers, and other electrical equipment. [MeSH 2014_2014_02_10]*
 IMMUNOL MODEL; IMMUNOL MODELS;
 Immunologic Model; Immunologic Models;
 Immunological Model; Immunological Models;
 MODEL IMMUNOL; MODELS IMMUNOL;
 Model, Immunologic; Model, Immunological;
 Models, Immunologic; Models, Immunological;
 immunological model
- **molecular model** Model, Molecular; Models, Molecular; Molecular Model; Molecular Models;

molecular model

- **drug model** *The molecular designing of drugs for specific purposes (such as DNA-binding, enzyme inhibition, anti-cancer efficacy, etc.) based on knowledge of molecular properties such as activity of functional groups, molecular geometry, and electronic structure, and also on information cataloged on analogous molecules. Drug design is generally computer-assisted molecular modeling and does not include pharmacokinetics, dosage analysis, or drug administration analysis.*
[drug design | MeSH_2016]
 Drug Modeling; Drug Modelings; Modeling, Drug; Modelings, Drug; drug model; drug model ; drug modelling; drug models
- **gene knock-out model** *Models of human disease produced through gene knockout methods [NCI 2014_12E]*
 Gene Knock-Out Model; gene knock-out model
- **transient gene knock-out model**
Conditional (or inducible) gene knock-out. A transgenic technique. A transgenic animal is constructed such that a gene of interest, or chromosome region, is flanked by recombination-signal sites (eg, loxP). The animal is then crossed to one which carries the specific recombinase (eg, cre) under the control of a conditional, or tissue specific, promoter. Upon treatment of

an inducer the recombinase is expressed, promoting recombination between the signal sites and the loss of the intervening gene or chromosome region. (NCI/OSP) [NCI 2014_12E]
 Transient Gene Knock-Out Model;
 transient gene knock-out model

- **homology modeling** *An approach to modeling a protein structure based on an initial sequence alignment to a protein with a known 3D structure. After evaluating and resolving structural irregularities in the initial model, it may be further refined using energy minimization and other procedures. [NCI 2014_12E]*
 Homology Modeling; homology modeling; homology modelling
- **nucleic acid biochemistry molecular modeling** *The computer simulation of chemical structures or processes; allows for the exploration, visualization, and manipulation of molecular structures and properties. [NCI 2014_12E]*
 Nucleic Acid Biochemistry Molecular Modeling; Protein/Amino Acid Biochemistry, Molecular Modeling; nucleic acid biochemistry molecular modeling
- **protein disruption model** Protein Disruption Model; protein disruption model
- **neurologic model** *A model that simulates behavior or neurological activity using computers and/or mathematical representation. [NCI 2014_12E]*
 MODEL NEUROL; MODELS NEUROL; Model, Neurologic; Model, Neurological; Models,

Neurologic; Models, Neurological; NEUROL MODEL; NEUROL MODELS; Neurologic Model; Neurologic Models; Neurological Model; Neurological Models; neurologic model

- **plant model** Plant Model; plant model
- **tissue model** Tissue Model; tissue model
- **tumor model** tumor model; tumor models; tumour model; tumour models
- **xenograft model** *Describes to xenografts (implanting tissue or cell lines from a different species) and allografts (implanting tissue or cell lines from the same species). The grafts are transplanted in immuno-compromised animals where they grow and, depending on the graft material, form tumors. [NCI 2014_12E]*
 Xenograft Model; xenograft model
- **xenograft model antitumor assay** *In vivo methods of screening investigative anticancer drugs, biologic response modifiers or radiotherapies. Human tumor tissue or cells are transplanted into mice or rats followed by tumor treatment regimens. A variety of outcomes are monitored to assess antitumor effectiveness. [MeSH 2014_2014_02_10]*
 Antitumor Assay, Xenograft; Antitumor Assays, Xenograft; Antitumor Assays, Xenograft Model; Assay, Xenograft Antitumor; Assays, Xenograft Antitumor; Tumor Xenograft Assay; Xenograft Antitumor Assay; Xenograft Antitumor Assays; Xenograft Model Antitumor Assay; Xenograft Model Antitumor Assays; xenograft model antitumor assay

- **care planning model** care planning model
- **computer model** Computer Model; Computer Modeling; Computer Models; Models, Computer; computer model
- **in silico model** in silico model
- **neural network model** *A computer architecture, implementable in either hardware or software, modeled after biological neural networks. Like the biological system in which the processing capability is a result of the interconnection strengths between arrays of nonlinear processing nodes, computerized neural networks, often called perceptrons or multilayer connectionist models, consist of neuron-like units. A homogeneous group of units makes up a layer. These networks are good at pattern recognition. They are adaptive, performing tasks by example, and thus are better for decision-making than are linear learning machines or cluster analysis. They do not require explicit programming.*
 [MeSH 2014_2014_02_10]
 Connectionist Model; Connectionist Models; Model, Connectionist; Model, Neural Network; Models, Connectionist; Models, Neural Network; Network Model, Neural; Network Models, Neural; Network, Neural (Computer); Networks, Neural (Computer); Neural Network; Neural Network (Computer); Neural Network Model; Neural Network Models; Neural Network Simulation; Neural Networks (Computer); Perceptron; Perceptrons; neural network; neural network (computer simulation of nervous system); neural network (computer); neural network model
- **reference information model** *An object oriented*

information model to harmonize the definition of HL7 messages across different application domains. [NCI 2014_12E]

HL7 Reference Information Model; RIM; Reference Information Model; reference information model

- **simulation model** simulation model
- **content model** *A structured representation of a collection of data. [NCI 2014_12E]*
Content Model; content model
- **decision model** Decision Modeling; Modeling, Decision; decision model
- **decision support model** Decision Support Model; Decision Support Models; Model, Decision Support; Models, Decision Support; decision support model
- **decision-analytic model** Decision-analytic modeling; decision analytic modeling; decision-analytic model; decision-analytic modelling
- **decision-analytic model-based economic evaluation** decision-analytic model-based economic evaluation
- **economic decision model** economic decision model
- **econometric model** *The application of mathematical formulas and statistical techniques to the testing and quantifying of economic theories and the solution of economic problems. [MeSH 2014_2014_02_10]*
Econometric Model; Econometric Models; Model, Econometric; Models, Econometric; econometric model
- **economic model** *Statistical models of the production, distribution, and consumption of goods and services, as well as of financial considerations. For the application of statistics to the testing and quantifying of economic theories MODELS, ECONOMETRIC is available.*

[MeSH 2014_2014_02_10]

ECON MODEL; ECON MODELS; Economic Model; Economic Models; MODEL ECON; MODELS ECON; Model, Economic; Models, Economic; economic model; economic modelling

- **cost-effectiveness model** cost-effectiveness model
- **economic decision model** economic decision model
- **economic modeling study** economic modeling study; economic modelling studies; economic modelling study
- **model-based economic evaluation** model-based economic evaluation
- **experimental model** EXPER MODEL; EXPER MODELS; Experimental Model; Experimental Models; Experimental Models, Other; MODEL EXPER; MODELS EXPER; Model, Experimental; Models, Experimental; experimental model
- **in vitro model** In Vitro Model; in vitro model
- **in vivo model** In Vivo Model; in vivo model
- **intervention model** Intervention Model; intervention model
- **mathematical model** *Theoretical representations that simulate the behavior or activity of systems, processes, or phenomena. They include the use of mathematical equations, computers, and other electronic equipment.*

[MeSH 2014_2014_02_10]

Math Models; Mathematical Models; Model (Theoretical); Model, Theoretical; Models (Theoretical); Models, Theoretic; Models, Theoretical; Theoretical Model; Theoretical Models; Theoretical model; math model; mathematical model; mathematical modeling; mathematical modelling; theoretical model

- **continuum modeling** *The mathematical practice of*

applying a model to continuous data which has a potentially infinite number, and divisibility, of attributes. [NCI 2014_12E]

Continuum Modeling; continuum modeling; continuum modelling

- **discrete modeling** *Representation of data as a chronological sequence of events. Each event occurs at an instant in time and marks a change of state in a system. [NCI 2014_12E]*
 Discrete Modeling; discrete modeling
- **hybrid modeling** *The integration of both discrete and continuum modeling techniques in representing distinct dynamics and topographic regions of a system. [NCI 2014_12E]*
 Hybrid Modeling; hybrid modeling
- **statistical model** *The statistical characterization of a system to estimate its future behavior based on past behavior and extrapolation. [NCI 2014_12E]*
 MODEL STATIST; MODELS STATIST; Model, Probabilistic; Model, Statistical; Models, Probabilistic; Models, Statistical; Probabilistic Model; Probabilistic Models; STATIST MODEL; STATIST MODELS; Statistical Model; Statistical Modeling; Statistical Models; statistical model; statistical modeling; statistical modelling
- **binomial model** Binomial Model; Binomial Models; Model, Binomial; Models, Binomial; binomial model
- **case mix adjustment model** *Case mix adjustment refers to the use of statistical procedures to permit comparison of treatment outcomes between providers with differing mix of patients with regard to diagnoses, severity of illness, and other*

variables associated with the probability of improvement with treatment.

[ACORN: A Collaborative Outcomes Resource Network

<https://www.psychoutcomes.org/OutcomesMeasurement/CaseMixAdjustment>]

case mix adjustment model; case mix

adjustment models ; casemix adjustment

model; casemix adjustment models

- **hidden markov model** *A statistical model in which the system being modeled has unknown parameters, but the hidden parameters can be determined from the observable parameters. While the state is not directly visible, the variables influenced by the state are visible. Each state has a probability distribution over the possible output tokens. Therefore the sequence of tokens generated by a Hidden Markov Model (HMM) gives some information about the sequence of states. [NCI 2014_12E]*
 HMM; Hidden Markov Model; hidden markov model
- **joinpoint model** Joinpoint Model; joinpoint model
- **predictive model** predictive model; predictive models
- **mortality risk model** Mortality Risk Model; mortality risk model
- **nursing model** *Theoretical models simulating behavior or activities in nursing, including nursing care, management and economics, theory, assessment, research, and education. Some examples of these*

models include Orem Self-Care Model, Roy Adaptation Model, and Rogers Life Process Model.

[MeSH 2014_2014_02_10]

MODEL NURS; MODELS NURS; Model, Nursing; Models, Nursing; NURS MODEL; NURS MODELS; Nursing Model; Nursing Models; nursing model

- **organizational model** *Theoretical representations and constructs that describe or explain the structure and hierarchy of relationships and interactions within or between formal organizational entities or informal social groups. [MeSH 2014_2014_02_10]*
 MODELS ORGAN; Model, Organizational; Models, Organizational; Organizational Model; Organizational Models; organisational model; organisational models; organizational model
- **psychological model** *Theoretical representations that simulate psychological processes and/or social processes. These include the use of mathematical equations, computers, and other electronic equipment. [MeSH 2014_2014_02_10]*
 MODEL PSYCHOL; MODELS PSYCHOL; Model, Psychologic; Model, Psychological; Models, Psychologic; Models, Psychological; PSYCHOL MODELS; Psychologic Model; Psychologic Models; Psychological Model; Psychological Models; psychological model
- **rehabilitation model** rehabilitation model; rehabilitation models
- **surveillance modeling** Surveillance Modeling; surveillance modeling
- **therapeutic model** therapeutic model; therapeutic models
- **multidisciplinary study** multidisciplinary research; multidisciplinary studies; multidisciplinary study
- **natural experiment** *A naturally occurring situation that has*

many of the trappings of a formal laboratory experiment in that one can identify factors that function as independent variables although they are not controlled in the usual sense. For example, one could study the role of schooling in vocabulary development in children by comparing the number of new words learned during the summer with the number learned during the months just preceding and following. [Penguin Dictionary of Psychology_2009]
 natural experiment; natural experiments

- **non-comparative study** non-comparative design; non-comparative designs; non-comparative studies; non-comparative study; non-comparative trial; non-comparative trials; noncomparative design; noncomparative designs; noncomparative studies; noncomparative study; noncomparative trial; noncomparative trials
- **non-controlled design** Uncontrolled Study; non-controlled design; non-controlled designs; non-controlled studies; non-controlled study; non-controlled trial; non-controlled trials; noncontrolled design; noncontrolled designs; noncontrolled studies; noncontrolled study; noncontrolled trial; noncontrolled trials; uncontrolled design; uncontrolled designs; uncontrolled studies; uncontrolled study; uncontrolled trial; uncontrolled trials
- **uncontrolled longitudinal study** uncontrolled longitudinal design; uncontrolled longitudinal designs; uncontrolled longitudinal studies; uncontrolled longitudinal study; uncontrolled longitudinal trial; uncontrolled longitudinal trials
- **non-experimental design** non-experimental design; non-experimental designs; non-experimental studies; non-experimental study; non-experimental trial; non-experimental trials; nonexperimental design; nonexperimental designs; nonexperimental studies; nonexperimental study; nonexperimental trial; nonexperimental trials

- **non-randomized design** non-randomised design; non-randomised designs; non-randomised studies; non-randomised study; non-randomised trial; non-randomised trials; non-randomized design; non-randomized designs; non-randomized studies; non-randomized study; non-randomized trial; non-randomized trials; nonrandomised design; nonrandomised designs; nonrandomised studies; nonrandomised study; nonrandomised trial; nonrandomised trials; nonrandomized design; nonrandomized designs; nonrandomized studies; nonrandomized study; nonrandomized trial; nonrandomized trials
- **nonrandomized crossover design** non-randomised cross-over design; non-randomised cross-over designs; non-randomised cross-over studies; non-randomised cross-over study; non-randomised cross-over trial; non-randomised cross-over trials; non-randomised crossover design; non-randomised crossover designs; non-randomised crossover studies; non-randomised crossover study; non-randomised crossover trial; non-randomised crossover trials; non-randomized cross-over design; non-randomized cross-over designs; non-randomized cross-over studies; non-randomized cross-over study; non-randomized cross-over trial; non-randomized cross-over trials; non-randomized crossover design; non-randomized crossover designs; non-randomized crossover studies; non-randomized crossover study; non-randomized crossover trial; non-randomized crossover trials; nonrandomised cross-over design; nonrandomised cross-over designs; nonrandomised cross-over studies; nonrandomised cross-over study; nonrandomised cross-over trial; nonrandomised cross-over trials; nonrandomised crossover design; nonrandomised crossover designs; nonrandomised crossover studies; nonrandomised crossover study; nonrandomised crossover trial; nonrandomised crossover trials

crossover study; nonrandomised crossover trial;
 nonrandomised crossover trials; nonrandomized cross-
 over design; nonrandomized cross-over designs;
 nonrandomized cross-over studies; nonrandomized
 cross-over study; nonrandomized cross-over trial;
 nonrandomized cross-over trials; nonrandomized
 crossover design; nonrandomized crossover designs;
 nonrandomized crossover studies; nonrandomized
 crossover study; nonrandomized crossover trial;
 nonrandomized crossover trials

- **nutritional study** *Research that focuses on food, the nutrients and other substances contained therein, their action, interaction, and balance in relation to health and disease. [NCI 2014_12E]*
 Nutrition Research; Nutritional Study; nutritional study
- **nutrition research clinical trial** nutrition research clinical trial; nutrition research clinical trials
- **nutrition research applied clinical trial** Nutrition Research Applied Clinical Trial; Nutrition Research Applied Clinical Trials; nutrition research applied clinical trial; nutrition research applied clinical trials
- **nutrition research non-clinical trial** nutrition research non-clinical trial; nutrition research non-clinical trials; nutrition research nonclinical trial; nutrition research nonclinical trials
- **nutrition research applied non-clinical trial** Nutrition Research Applied Non-Clinical Trial; Nutrition Research Applied Non-Clinical Trials; nutrition research applied non-clinical trial; nutrition research applied nonclinical trial
- **nutrition research basic non-clinical trial** Nutrition Research Basic Non-Clinical Trial; Nutrition

Research Basic Non-Clinical Trials; nutrition research basic non-clinical trial; nutrition research basic nonclinical trial

- **nutritional assessment** *Evaluation and measurement of nutritional variables in order to assess the level of nutrition or the NUTRITIONAL STATUS of the individual. NUTRITION SURVEYS may be used in making the assessment. [MeSH 2014_2014_02_10]*
 ASSESS NUTRITION; Assesses nutritional habits and patterns; Assessment of nutritional status; Assessment of nutritional status (procedure); Assessment, Nutrition; Assessment, Nutritional; Assessments, Nutrition; Assessments, Nutritional; Dietary Assessment; NUTRITION ASSESS; Nutrition Assessment; Nutrition Assessments; Nutritional Assessment; Nutritional Assessments; Nutritional assessment; Nutritional assessment (procedure); Physical/nutritional assessment; dietary assessment; dietary counseling; food assessment; nutritional assessment; nutritional care; nutritional counseling; nutritional support; support, nutritional
- **nutritional survey** *A systematic collection of factual data pertaining to the nutritional status of a human population within a given geographic area. Data from these surveys are used in preparing NUTRITION ASSESSMENTS. [MeSH 2014_2014_02_10]*
 Nutrition Survey; Nutrition Surveys; Nutritional Survey; Nutritional Surveys; Survey, Nutrition; Survey, Nutritional; Surveys, Nutrition; Surveys, Nutritional; nutritional survey
- **observational study** *A type of study in which individuals are observed or certain outcomes are measured. No attempt is made to affect the outcome (for example, no treatment is given). [NCI_14.05d]*

Observational Study; Observational Trial; Observational study; observation design; observation designs; observation studies; observation study; observation trial; observation trials; observational design; observational designs; observational studies; observational study; observational trial; observational trials

- **follow-up study** *Studies in which individuals or populations are followed to assess the outcome of exposures, procedures, or effects of a characteristic, e.g., occurrence of disease. [MeSH 2014_2014_02_10]*
 Follow Up Studies; Follow-Up Studies; Follow-Up Study; Follow-up Study; Followup Studies; Followup Study; Studies, Follow-Up; Studies, Followup; Study, Follow-Up; Study, Followup; follow-up study; followup study
- **observation-based evaluation** observation-based evaluation; observation-based evaluations
- **prospective observational study** prospective observational study
- **multi-center prospective controlled observational study** multi-center prospective controlled observational studies; multi-center prospective controlled observational study; multi-centre prospective controlled observational studies; multi-centre prospective controlled observational study
- **open design** open design; open designs; open studies; open study; open trial; open trials
- **open clinical design** open clinical design; open clinical designs; open clinical studies; open clinical study; open clinical trial; open clinical trials
- **open label design** Open Label Study; open label design; open label designs; open label studies; open label study;

open label trial; open label trials; open-label design;
 open-label designs; open-label studies; open-label
 study; open-label trial; open-label trials

- **open label clinical design** open label clinical design;
 open label clinical designs; open label clinical
 studies; open label clinical study; open label
 clinical trial; open label clinical trials; open-label
 clinical design; open-label clinical designs; open-
 label clinical studies; open-label clinical study;
 open-label clinical trial; open-label clinical trials
- **open label randomized controlled trial** open label
 randomised controlled design; open label
 randomised controlled designs; open label
 randomised controlled studies; open label
 randomised controlled study; open label
 randomised controlled trial; open label
 randomised controlled trials; open label
 randomized controlled design; open label
 randomized controlled designs; open label
 randomized controlled studies; open label
 randomized controlled study; open label
 randomized controlled trial; open label
 randomized controlled trials; open label rct; open
 label rcts; open-label randomised controlled
 design; open-label randomised controlled designs;
 open-label randomised controlled studies; open-
 label randomised controlled study; open-label
 randomised controlled trial; open-label
 randomised controlled trials; open-label
 randomized controlled design; open-label
 randomized controlled designs; open-label
 randomized controlled studies; open-label
 randomized controlled study; open-label
 randomized controlled trial; open-label

randomized controlled trials; open-label rct; open-label rcts

- **outcome study** Outcome Studies; Outcome Study; Studies, Outcome; Study, Outcome; outcome study
- **follow-up study** *Studies in which individuals or populations are followed to assess the outcome of exposures, procedures, or effects of a characteristic, e.g., occurrence of disease. [MeSH 2014_2014_02_10]*
 Follow Up Studies; Follow-Up Studies; Follow-Up Study; Follow-up Study; Followup Studies; Followup Study; Studies, Follow-Up; Studies, Followup; Study, Follow-Up; Study, Followup; follow-up study; followup study
- **health care outcome assessment** *Research aimed at assessing the quality and effectiveness of health care as measured by the attainment of a specified end result or outcome. Measures include parameters such as improved health, lowered morbidity or mortality, and improvement of abnormal states (such as elevated blood pressure). [MeSH 2014_2014_02_10]*
 Assessment, Outcome (Health Care); Assessments, Outcome (Health Care); OUTCOME ASSESSMENT (HEALTHCARE); Outcome Assessment (Health Care); Outcome Assessments (Health Care); health care outcome assessment; healthcare outcome assessment
- **patient outcome assessment** ASSESS PATIENT OUTCOME; ASSESS PATIENT OUTCOMES; Assessment, Patient Outcome; Assessment, Patient Outcomes; Assessments, Patient Outcome; OUTCOME ASSESS PATIENT; OUTCOMES ASSESS PATIENT; Outcome Assessment, Patient; Outcome Assessments, Patient; Outcomes Assessments, Patient; PATIENT OUTCOME ASSESS; Patient Centered Outcomes Research;

Patient Outcome Assessment; Patient Outcome Assessments; Patient Outcomes Assessment; patient outcome assessment

- **observation outcome assessment** *A critical appraisal of the evidence of the association between an assessment and the results of an observation. [NCI 2014_12E]*
 Assessment of Observation Result; Observation Outcome Assessment; observation outcome assessment
- **outcome and process assessment** *Evaluation procedures that focus on both the outcome or status (OUTCOMES ASSESSMENT) of the patient at the end of an episode of care - presence of symptoms, level of activity, and mortality; and the process (ASSESSMENT, PROCESS) - what is done for the patient diagnostically and therapeutically. [MeSH 2014_2014_02_10]*
 OUTCOME PROCESS ASSESS; Outcome and Process Assessment; outcome and process assessment
- **parallel design** *Participants are assigned to one of two or more arms in parallel for the duration of the study. [NCI_14.05d] [Contributing_Source_CDISC]*
 Parallel Study; parallel design; parallel designs; parallel studies; parallel study; parallel trial; parallel trials
- **double blind placebo-controlled parallel arm trial**
 double blind placebo-controlled parallel arm trial;
 double blind placebo-controlled parallel arm trials;
 double-blind placebo-controlled parallel arm trial
- **double blind randomized placebo-controlled parallel study**
 double blind randomized placebo-controlled parallel study; double-blind randomized placebo-controlled parallel studies; double-blind randomized placebo-controlled parallel study; randomised double-blind placebo-controlled parallel studies; randomised double-blind placebo-controlled parallel study; randomized double-blind placebo-controlled parallel

studies; randomized double-blind placebo-controlled parallel study

- **participation study** participation study
- **population study** Population Study; population study
- **genetic population study** Genetic Population Study; genetic population study
- **incidence study** Incidence Studies; Incidence Study; Studies, Incidence; Study, Incidence; incidence studies; incidence study
- **incidence cohort study** incidence cohort study
- **needs assessment** *Systematic identification of a population's needs or the assessment of individuals to determine the proper level of services needed.*
 [MeSH 2014_2014_02_10]
 Assessment of needs; Assessment of needs (procedure); NEEDS ASSESS; Needs Assessment; Needs Assessments; Needs assessment; needs assessment
- **educational needs assessment** Assessment, Educational Needs; EDUC NEEDS ASSESS; Education needs assessment; Education needs assessment (procedure); Educational Needs Assessment; Needs Assessment, Educational; Needs Assessments, Educational; education needs assessment; educational needs assessment
- **health care needs assessment** ASSESS HEALTH CARE NEEDS; ASSESS HEALTHCARE NEEDS; Assessment of Health Care Needs; Assessment of Healthcare Needs; DETERMINATION HEALTH CARE NEEDS; DETERMINATION HEALTHCARE NEEDS; Determination of Health Care Needs; Determination of Healthcare Needs; Needs Assessment, Healthcare; Needs Assessments,

- Healthcare; health care needs assessment;
 healthcare needs assessment
- **population-based cross-sectional study** population-based cross-sectional study
- **prevalence study** Prevalence Studies; Prevalence Study; Studies, Prevalence; Study, Prevalence; prevalence studies; prevalence study
- **cross-sectional prevalence survey** cross-sectional prevalence survey
- **record-linkage population cohort study** record-linkage population cohort study
- **pragmatic design** Pragmatic Trials; Trials, Pragmatic; pragmatic design; pragmatic designs; pragmatic studies; pragmatic study; pragmatic trial; pragmatic trials
- **pragmatic clinical trial** *Randomized clinical trials that compare interventions in clinical settings and which look at a range of effectiveness outcomes and impacts. [MeSH_2015]*
 Pragmatic Clinical Trial; Pragmatic Clinical Trials; Trials, Pragmatic Clinical; pragmatic clinical design; pragmatic clinical designs; pragmatic clinical studies; pragmatic clinical study; pragmatic clinical trial; pragmatic clinical trials
- **pragmatic cluster randomized trial** Pragmatic cluster randomised trial; Pragmatic cluster randomised trials; Pragmatic cluster randomized trial; Pragmatic cluster randomized trials; pragmatic cluster randomized trial
- **pragmatic randomized controlled trial** pragmatic randomised controlled trial; pragmatic randomised controlled trials; pragmatic randomized controlled trial; pragmatic randomized controlled trials
- **pragmatic adaptive randomized controlled trial** pragmatic adaptive randomised controlled trial; pragmatic adaptive randomised controlled trials;

- pragmatic adaptive randomized controlled trial;
 - pragmatic adaptive randomized controlled trials
- **pragmatic single blind randomized controlled trial**
 - pragmatic single blind randomized controlled trial; pragmatic single-blind randomised controlled trial; pragmatic single-blind randomised controlled trials; pragmatic single-blind randomized controlled trial; pragmatic single-blinds randomized controlled trials
- **prospective study** *a longitudinal epidemiologic study in which the groups of individuals (cohorts) are selected on the basis of factors that are to be examined for their effects on outcomes, e.g., the effect of exposure to a specific risk factor on the eventual development of a particular disease, and are then followed over a period of time to determine the incidence rates of the outcomes in question in relation to the original factors. Called also cohort s.â€œProspectiveâ€ usually implies a cohort selected in the present and followed into the future, but the cohort method can also be applied to existing longitudinal historical data, such as insurance or medical records: a cohort is identified and classified as to exposure to some factor at some date in the past and followed up to the present to determine incidence rates of the outcome. This is called a historical prospective study, prospective study of past data, or retrospective cohort study. [Emtree_2014] [Dorland's Medical Dictionary_2011]*
 - Prospective Studies; Prospective Study; Studies, Prospective; Study, Prospective; prospective method; prospective studies; prospective study; study, prospective
- **prospective case study** prospective case study
- **prospective observational study** prospective observational study
- **multi-center prospective controlled observational**

interprets communication while participating in the research context.

[Jonas: Mosby's Dictionary of Complementary and Alternative Medicine. 2005. <http://medical-dictionary.thefreedictionary.com/ethnographic+studies>]

ethnographic studies; ethnographic study

- **ethnographic organizational study** ethnographic organisational studies; ethnographic organisational study; ethnographic organizational studies; ethnographic organizational study
- **meta-ethnographic study** meta-ethnographic studies; meta-ethnographic study; meta-ethnography
- **qualitative multiple case study** qualitative multiple case study
- **quantitative study** numerical studies; numerical study; quantitative design; quantitative designs; quantitative studies; quantitative study
- **questionnaire** *A set of questions or items shown to a respondent in order to get answers for research purposes. [PRO Draft Guidance] [NCI_15.09d]*
 Questionnaire; Questionnaires; questionnaire; questionnaires
- **delphi study** *An iterative questionnaire designed to measure consensus among individual responses. In the classic Delphi approach, there is no interaction between responder and interviewer. [MeSH_2016]*
 delphi questionnaire; delphi questionnaires; delphi studies; delphi study; delphi survey; delphi surveys; delphi technique; delphi techniques
- **questionnaire survey** questionnaire survey; questionnaire surveys
- **randomized design** Randomized trials; randomised design; randomised designs; randomised studies; randomised study; randomised trial; randomised trials; randomized design; randomized designs; randomized studies; randomized study;

randomized trial; randomized trials

- **cluster randomized design** cluster randomised design; cluster randomised designs; cluster randomised studies; cluster randomised study; cluster randomised trial; cluster randomised trials; cluster randomized design; cluster randomized designs; cluster randomized studies; cluster randomized study; cluster randomized trial; cluster randomized trials
- **cluster randomized controlled design** cluster randomised controlled design; cluster randomised controlled designs; cluster randomised controlled studies; cluster randomised controlled study; cluster randomised controlled trial; cluster randomised controlled trials; cluster randomized controlled design; cluster randomized controlled designs; cluster randomized controlled studies; cluster randomized controlled study; cluster randomized controlled trial; cluster randomized controlled trials
- **multicenter cluster randomized trial** Multicentre cluster randomised trial; Multicentre cluster randomised trials; multicenter cluster randomized trial; multicenter cluster randomized trials
- **pragmatic cluster randomized trial** Pragmatic cluster randomised trial; Pragmatic cluster randomised trials; Pragmatic cluster randomized trial; Pragmatic cluster randomized trials; pragmatic cluster randomized trial
- **cost-effectiveness pragmatic multicenter randomized trial** cost-effectiveness pragmatic multicenter randomized trial; cost-effectiveness pragmatic multicenter randomized trials; cost-effectiveness pragmatic multicentre randomised trial; cost-effectiveness pragmatic multicentre randomised trials

- **group randomized design** group randomised design; group randomised designs; group randomised studies; group randomised study; group randomised trial; group randomised trials; group randomized design; group randomized designs; group randomized studies; group randomized study; group randomized trial; group randomized trials
- **randomized 2x2 trial** randomised 2x2 trial; randomised 2x2 trials; randomized 2x2 trial; randomized 2x2 trials
- **randomized clinical trial** *Used for original reports of prospective clinical studies in which the (comparative) efficacy of one or more medical interventions in humans is evaluated; also used for prospective clinical veterinary trials in which the (comparative) efficacy of one or more medical interventions in animals is evaluated. [Clinical trial | Embase_2014]*
 Randomised clinical trial; Randomized Clinical Trial; Randomized Clinical Trials; Trials, Randomized Clinical; randomised clinical design; randomised clinical designs; randomised clinical studies; randomised clinical study; randomised clinical trial; randomised clinical trials; randomized clinical design; randomized clinical designs; randomized clinical studies; randomized clinical study; randomized clinical trial; randomized clinical trials
- **randomized controlled clinical trial** *A study in which the participants are assigned by chance to separate groups to evaluate treatments. The study also includes a control group, which is undergoing the same rigors of the study with placebo treatment or standard treatment. The trial can also be controlled by the addition of a test group to ensure there are no factors present to skew the results and by the inclusion of peer-*

review analysis by appropriate government officials. [NCI_14.08d]

Randomized Controlled Clinical Trial;
 randomized controlled clinical trial

- **randomized crossover design** randomised cross-over design; randomised cross-over designs; randomised cross-over studies; randomised cross-over study; randomised cross-over trial; randomised cross-over trials; randomised crossover design; randomised crossover designs; randomised crossover studies; randomised crossover study; randomised crossover trial; randomised crossover trials; randomized cross-over design; randomized cross-over designs; randomized cross-over studies; randomized cross-over study; randomized cross-over trial; randomized cross-over trials; randomized crossover design; randomized crossover designs; randomized crossover studies; randomized crossover study; randomized crossover trial; randomized crossover trials
- **record-linkage study** *A study in which data from different sources are "linked". Usually used to compile epidemiological data. The logic of record linkage is that two or more items of information about a person recorded at different times, and perhaps in different places, may be of greater value when considered together than when either is considered alone. [NCI 2014_12E]*
 Data Linkage; Data Linkages; Linkage, Data; Linkages, Data; Record Linkage Study; Record-Linkage Study; record-linkage study
- **record-linkage population cohort study** record-linkage population cohort study
- **records review** record review; records review; review of records
- **clinical audit** *A detailed review and evaluation of selected clinical records by qualified professional personnel to*

improve the quality of patient care and outcomes. The clinical audit was formally introduced in 1993 into the United Kingdom's National Health Service.

[MeSH_2014]

clinical audit

- **medical records review** *A detailed review and evaluation of selected clinical records by qualified professional personnel for evaluating quality of medical care. [MeSH_2014]*
 Audit, Medical; Audits, Medical; Med Audit; Medical Audits; medical audit; medical record review; medical records review; review of medical records
- **file review** file review; review of files
- **registry study** register studies; register study; registry studies; registry study
- **reliability study** reliability design; reliability designs; reliability studies; reliability study; reliability trial; reliability trials
- **retrospective study** *Studies used to test etiologic hypotheses in which inferences about an exposure to putative causal factors are derived from data relating to characteristics of persons under study or to events or experiences in their past. The essential feature is that some of the persons under study have the disease or outcome of interest and their characteristics are compared with those of unaffected persons. [MeSH_2014]*
 Retrospective Studies; Retrospective Study; Studies, Retrospective; Study, Retrospective; retrospective design; retrospective designs; retrospective studies; retrospective study; retrospective trial; retrospective trials; study, retrospective
- **ex post facto design** ex post facto design; ex post facto designs; ex post facto studies; ex post facto study; ex

- **level I sleep study** level I sleep studies; level I sleep study
- **level II sleep study** level II sleep studies; level II sleep study
- **level III sleep study** level 3 sleep studies; level 3 sleep study; level III sleep studies; level III sleep study
- **sociological study** sociological studies; sociological study
- **stepped wedge design** stepped wedge design; stepped wedge designs; stepped wedge studies; stepped wedge study; stepped wedge trial; stepped wedge trials
- **survey** *An examination or inspection carried out with specific aims in mind, a search for particular kinds of information. This sense is carried in a number of specific kinds of research designs in which questionnaires, inventories or interviews may be employed to gather information about attitudes, opinions or preferences in a society or some segment of it. [The Penguin Dictionary of Psychology, 2009]*
 Survey; Surveys; survey; surveys
- **baseline survey** Baseline Survey; Baseline Surveys; Survey, Baseline; Surveys, Baseline; baseline survey
- **community survey** Community Survey; Community Surveys; Survey, Community; Surveys, Community; community survey
- **cross-sectional prevalence survey** cross-sectional prevalence survey
- **delphi study** *An iterative questionnaire designed to measure consensus among individual responses. In the classic Delphi approach, there is no interaction between responder and interviewer. [MeSH_2016]*
 delphi questionnaire; delphi questionnaires; delphi studies; delphi study; delphi survey; delphi surveys; delphi technique; delphi techniques
- **demographic survey** DEMOGR SURVEY; DEMOGR SURVEYS; Demographic Survey; Demographic

Surveys; SURVEY DEMOGR; SURVEYS DEMOGR;
 Survey, Demographic; Surveys, Demographic;
 demographic survey

- **demographic and health survey** DEMOGRAPHIC HEALTH SURVEYS; Demographic and Health Survey; Demographic and Health Surveys; demographic and health survey
- **disease frequency survey** Surveys, Disease Frequency; disease frequency survey; disease frequency surveys; surveys, disease frequency
- **field survey** *A descriptive or analytic study of risk factors or disease determinants in populations. Most epidemiologic and some genetic studies fit within this category. [NCI_14.08d]*
 field survey; field surveys
- **health care survey** *Statistical measures of utilization and other aspects of the provision of health care services including hospitalization and ambulatory care. [Health care surveys | MeSH_2014]*
 Surveys, Healthcare; health care survey; health care surveys; healthcare survey; healthcare surveys
- **health survey** *A systematic collection of factual data pertaining to health and disease in a human population within a given geographic area. [Health surveys | MeSH_2014]*
 Health Surveys; health survey; health surveys
- **demographic and health survey** DEMOGRAPHIC HEALTH SURVEYS; Demographic and Health Survey; Demographic and Health Surveys; demographic and health survey
- **surveillance** *The systematic collection, analysis, and interpretation of health data on an ongoing basis. [NCI_14.08d]*
 surveillance

- **population surveillance** *Ongoing scrutiny of a population (general population, study population, target population, etc.), generally using methods distinguished by their practicability, uniformity, and frequently their rapidity, rather than by complete accuracy. [MeSH_2014]*
 population surveillance
- **biosurveillance** *Monitoring of information sources of potential value in detecting an emerging epidemic, whether naturally occurring or the result of bioterrorism. [MeSH_2014]*
 biosurveillance
- **follow-up study** *Studies in which individuals or populations are followed to assess the outcome of exposures, procedures, or effects of a characteristic, e.g., occurrence of disease. [MeSH 2014_2014_02_10]*
 Follow Up Studies; Follow-Up Studies; Follow-Up Study; Follow-up Study; Followup Studies; Followup Study; Studies, Follow-Up; Studies, Followup; Study, Follow-Up; Study, Followup; follow-up study; followup study
- **public health surveillance** *The ongoing, systematic collection, analysis, and interpretation of health-related data with the purpose of preventing or controlling disease or injury, or of identifying unusual events of public health importance, followed by the*

dissemination and use of information for public health action.

[From Am J Prev Med 2011;41(6):636] [MeSH_2014]

public health surveillance

- **sentinel surveillance** *Monitoring of rate of occurrence of specific conditions to assess the stability or change in health levels of a population. It is also the study of disease rates in a specific cohort such as in a geographic area or population subgroup to estimate trends in larger population.*
[From Last, Dictionary of Epidemiology, 2d ed] [MeSH_2014]
 sentinel surveillance
- **library survey** *Collection and analysis of data pertaining to operations of a particular library, library system, or group of independent libraries, with recommendations for improvement and/or ordered plans for further development. [MeSH 2014_2014_02_10]*
 Library Survey; Library Surveys; Survey, Library; Surveys, Library; library survey
- **multicentre survey** multicentre survey
- **national survey** national survey
- **nutritional survey** *A systematic collection of factual data pertaining to the nutritional status of a human population within a given geographic area. Data from these surveys are used in preparing NUTRITION ASSESSMENTS. [MeSH 2014_2014_02_10]*
 Nutrition Survey; Nutrition Surveys; Nutritional Survey; Nutritional Surveys; Survey, Nutrition; Survey, Nutritional; Surveys, Nutrition; Surveys, Nutritional; nutritional survey

- **personnel survey** personnel survey; personnel surveys
- **questionnaire survey** questionnaire survey; questionnaire surveys
- **sampling study** *Studies in which a number of subjects are selected from all subjects in a defined population. Conclusions based on sample results may be attributed only to the population sampled. [MeSH 2014_2014_02_10]*
 SAMPLING STUDIES; Sampling Studies; Sampling Study; Studies, Sampling; Study, Sampling; sampling study
- **test accuracy study** test accuracy study
- **diagnostic test accuracy study** diagnostic test accuracy studies; diagnostic test accuracy study
- **theoretical design** Studies, Theoretical; Study, Theoretical; Theoretical Study; theoretical design; theoretical designs; theoretical studies; theoretical study
- **theory-driven review** theory driven review; theory driven reviews; theory-driven review; theory-driven reviews
- **therapeutic study** Therapeutic Studies; therapeutic study
- **therapeutic clinical trial** *A clinical study that involves administering of exposure to the agent/agents to subjects with particular disease to elucidate the most appropriate treatment for a specific medical condition, or to prolong or improve the patient's life. [NCI 2014_12E]*
 Clinical Trials, Therapy; Therapeutic Clinical Trial; Therapeutic Trials; therapeutic clinical trial
- **efficacy study** *A study of the relative therapeutic efficacy of treatment of a disease. Usually this is a Phase II or III study. [NCI 2014_12E]*
 Efficacy Study; efficacy study
- **therapeutic confirmatory study** *A clinical study that*

demonstrates or confirms therapy efficacy, establish regimen safety profile and dose-response relationship. The Confirmatory Study provides basis for assessing the risk-benefit relationship to support therapy licensing. [NCI 2014_12E]

Therapeutic Confirmatory Study; therapeutic confirmatory study

- **therapeutic equivalency study** *A study most often used to compare the efficacy of different formulations to treat a given disease. It is the testing of an old versus a new formulation in healthy volunteers or subjects with the disease under study and usually in one dose.*

[NCI 2014_12E]

BIO-EQUIVALENCE; Therapeutic Equivalency Study; therapeutic equivalency study

- **therapeutic exploratory study** *A study that explores the use of the particular medical technology for the targeted indication at the earliest stages of clinical development in well-defined patient populations. The exploratory study determines treatment regimen for subsequent studies, and provides basis for confirmatory study design, endpoints, and methodologies.*

[NCI 2014_12E]

Therapeutic Exploratory Study; therapeutic exploratory study

- **therapeutic use study** *The Therapeutic Use Study is a clinical study that is conducted with the purpose to refine understanding of therapy risk-benefit relationship in general or special populations and/or environments; to identify less common adverse reactions, and to refine dosing/regimen/indications recommendations. [NCI 2014_12E]*

Therapeutic Use Study; therapeutic use study

- **therapy evaluation** *Determining the efficacy of a*

particular therapy or treatment [NCI 2014_12E]

Therapy Evaluation; therapy evaluation

- **time and motion study** *The observation and analysis of movements in a task with an emphasis on the amount of time required to perform the task. [MeSH_2014]*
 TIME MOTION STUDIES; Time and Motion Studies; performance, task; task performance; task performance and analysis; time and motion studies; time and motion study; work sampling; work simplification
- **time series design** multiple time series; time design; time designs; time series; time series analysis; time series design; time series designs; time series studies; time series study; time studies; time study; time trial; time trials
- **interrupted time series design** *A study that uses observations at multiple time points before and after an intervention (the "interruption"), in an attempt to detect whether the intervention has had an effect significantly greater than any underlying trend over time. [Interrupted Time Series Analysis | MeSH_2015]*
 ITS studies; ITS study; interrupted time series; interrupted time series analyses; interrupted time series analysis; interrupted time series design; interrupted time series designs; interrupted time series studies; interrupted time series study; interrupted time series trial; interrupted time series trials
- **controlled interrupted time series** controlled interrupted time series
- **interrupted time series with comparison group** interrupted time series with comparison group; interrupted time series with comparison groups
- **interrupted time series without comparison group** interrupted time series without comparison group; interrupted time series without comparison groups

- **titration study** *A study in which the dosage of the intervention is increased by small increments until the desired physiological effect is seen. [NCI 2014_12E]*
DOSE ESCALATION; Rising Dose; Titration Study;
titration study
 - **trend design** trend design; trend designs; trend studies; trend study; trend trial; trend trials
- validity study** Validation Studies; validation studies; validation study; validity design; validity designs; validity studies; validity study; validity trial; validity trials