

Systematische Literaturrecherche – Suchstrategien

(Kap. 1 bis 4, Kap. 5.2 bis 7.5)

Kapitel 1.2 + 2 (Suchstrategien Medline angelehnt [Auswahl] an 3e Initiative in Rheumatology* — Cochrane-Suchen beschränken sich auf die Fragen 1, 2, 3, 4, 8)

* Machado P et al (2011) Multinational evidence-based recommendations on how to investigate and follow-up undifferentiated peripheral inflammatory arthritis: integrating systematic literature research and expert opinion of a broad international panel of rheumatologists in the 3E Initiative. *Ann Rheum Dis* 70:15-24. DOI:10.1136/ard.2010.130625

Frage 1: What is the diagnostic and predictive value of genetic markers (eg. HLA-B27, HLA-DR4, SE) in undifferentiated peripheral inflammatory arthritis?

Frage 2: What is the diagnostic and predictive value of history and physical examination for UIPA (= undifferentiated inflammatory polyarthritis)?

Suchstrategie Medline (Ovid)

1. ((early adj5 arthrit\$) or (undifferentiate\$ adj5 arthrit\$) or (inflammatory adj5 arthrit\$) or (unclassified adj5 arthrit\$) or (recent\$ adj5 arthrit\$) or (undiagnos\$ adj5 arthrit\$) or (undiagnos\$ adj5 arthrit\$) or (prediagnos\$ adj5 arthrit\$) or (probable adj5 arthrit\$) or (possible adj5 arthrit\$) or (early adj5 arthrosynovitis) or (undifferentiate\$ adj5 arthrosynovitis) or (inflammatory adj5 arthrosynovitis) or (unclassified adj5 arthrosynovitis) or (recent\$ adj5 arthrosynovitis) or (undiagnos\$ adj5 arthrosynovitis) or (undiagnos\$ adj5 arthrosynovitis) or (prediagnos\$ adj5 arthrosynovitis) or (probable adj5 arthrosynovitis) or (possible adj5 arthrosynovitis) or (early adj5 joint inflammation\$) or (undifferentiate\$ adj5 joint inflammation\$) or (inflammatory adj5 joint inflammation\$) or (unclassified adj5 joint inflammation\$) or (recent\$ adj5 joint inflammation\$) or (undiagnos\$ adj5 joint inflammation\$) or (undiagnos\$ adj5 joint inflammation\$) or (prediagnos\$ adj5 joint inflammation\$) or (probable adj5 joint inflammation\$) or (possible adj5 joint inflammation\$) or (early adj5 Oligoarthritis) or (undifferentiat\$ adj5 Oligoarthritis) or (inflammatory adj5 Oligoarthritis) or (unclassified adj5 Oligoarthritis) or (recent\$ adj5 Oligoarthritis) or (undiagnos\$ adj5 Oligoarthritis) or (undiagnos\$ adj5 oligoarthritis) or (prediagnos\$ adj5 oligoarthritis) or (probable adj5 oligoarthritis) or (possible adj5 oligoarthritis) or (early adj5 polyarthrit\$) or (undifferentiate\$ adj5 polyarthrit\$) or (inflammatory adj5 polyarthrit\$) or (unclassified adj5 polyarthrit\$) or (recent\$ adj5 polyarthrit\$) or (undiagnos\$ adj5 polyarthrit\$) or (undiagnos\$ adj5 polyarthrit\$) or (prediagnos\$ adj5 polyarthrit\$) or (probable adj5 polyarthrit\$) or (possible adj5 polyarthrit\$) or (early adj5 Arthrochondritis) or (undifferentiate\$ adj5 Arthrochondritis) or (inflammatory adj5 Arthrochondritis) or (unclassified adj5 Arthrochondritis) or (recent\$ adj5 Arthrochondritis) or (undiagnos\$ adj5 Arthrochondritis) or (undiagnos\$ adj5 Arthrochondritis) or (prediagnos\$ adj5 Arthrochondritis) or (probable adj5 Arthrochondritis) or (possible adj5 Arthrochondritis)).mp.
2. (gene or genes or Genetic\$ or Genomic\$ or Genotype\$ or Allele\$ or Chromosome\$ or Dna or Exon\$ or Haplotype\$ or Heterozygote\$ or Homozygote\$ or (hla and antigen\$) or (histocompatibility and antigen\$) or Immunogenetic\$ or Linkage or Major histocompatibility complex or (microsatellite and repeat\$) or (nucleotide\$ and deaminase\$) or

(oligonucleotide\$ and probes) or Polymorphism\$ or (promoter and region\$) or Rna or (transcription and factor\$)).af.

3. (sensitiv\$ or specific\$ or reliab\$ or positiv\$ or negativ\$ or diagnos\$ or detect\$).mp. or di.fs. or predict\$.mp. or accura\$.mp. or (observer adj variation\$).mp. or (roc adj curve\$).mp. or (likelihood adj3 ratio\$).mp. or likelihood function/ or prognos\$.mp. or risk\$.mp. or exp mortality/ or diagnos\$.mp. or predict\$.mp.

4. follow-up.mp. or course\$.mp. or ep.fs. or cohort.mp. or case-control stud\$.mp. or outcome.mp. or comparative stud\$.mp. or clinical article.mp. or cross-sectional stud\$.mp. or major clinical stud\$.mp. or follow-up stud\$.mp. or prospective stud\$.mp. or intermethod comparison.mp. or retrospective stud\$.mp. or population research.mp. or compared.mp. or multivariate.mp. or groups.mp. or controlled stud\$.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt

5. 1 and 2 and 3 and 4

6. limit 5 to (english language and humans and yr=2009 -Current)

286 Treffer (22.01.2017)

Cochrane Suchstrategie (Kap. 1+2)

- #1 early arthritis:ti,ab,kw (Word variations have been searched)
- #2 "rheumatoid arthritis":ti,ab,kw (Word variations have been searched)
- #3 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #4 inflammatory arthritis:ti,ab,kw (Word variations have been searched)
- #5 MeSH descriptor: [Arthritis, Juvenile] explode all trees
- #6 "oligoarthritis":ti,ab,kw (Word variations have been searched)
- #7 joint inflammation:ti,ab,kw (Word variations have been searched)
- #8 unclassified arthritis:ti,ab,kw (Word variations have been searched)
- #9 "undifferentiated arthritis":ti,ab,kw (Word variations have been searched)
- #10 "polyarthritis":ti,ab,kw (Word variations have been searched)
- #11 MeSH descriptor: [Arthritis] explode all trees
- #12 "synovitis":ti,ab,kw (Word variations have been searched)
- #13 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12
- #14 MeSH descriptor: [Genes] this term only
- #15 Genetic:ti,ab,kw (Word variations have been searched)
- #16 Genes:ti,ab,kw (Word variations have been searched)
- #17 Genomic:ti,ab,kw (Word variations have been searched)
- #18 Genotype:ti,ab,kw (Word variations have been searched)
- #19 Allele:ti,ab,kw (Word variations have been searched)
- #20 Chromosome:ti,ab,kw (Word variations have been searched)
- #21 "DNA":ti,ab,kw (Word variations have been searched)
- #22 Exon:ti,ab,kw (Word variations have been searched)

#23 Haplotype:ti,ab,kw (Word variations have been searched)
#24 Heterozygote:ti,ab,kw (Word variations have been searched)
#25 Homozygote:ti,ab,kw (Word variations have been searched)
#26 histocompatibility:ti,ab,kw (Word variations have been searched)
#27 "antigen":ti,ab,kw (Word variations have been searched)
#28 immunogenetic:ti,ab,kw (Word variations have been searched)
#29 Linkage:ti,ab,kw (Word variations have been searched)
#30 MeSH descriptor: [Major Histocompatibility Complex] explode all trees
#31 Major histocompatibility complex:ti,ab,kw (Word variations have been searched)
#32 microsatellite:ti,ab,kw (Word variations have been searched)
#33 repeat:ti,ab,kw (Word variations have been searched)
#34 nucleotide:ti,ab,kw (Word variations have been searched)
#35 deaminase:ti,ab,kw (Word variations have been searched)
#36 oligonucleotide:ti,ab,kw (Word variations have been searched)
#37 Polymorphism:ti,ab,kw (Word variations have been searched)
#38 promoter:ti,ab,kw (Word variations have been searched)
#39 "region":ti,ab,kw (Word variations have been searched)
#40 "RNA":ti,ab,kw (Word variations have been searched)
#41 transcription:ti,ab,kw (Word variations have been searched)
#42 MeSH descriptor: [Transcription Factors] explode all trees
#43 MeSH descriptor: [Promoter Regions, Genetic] explode all trees
#44 MeSH descriptor: [Microsatellite Repeats] explode all trees
#45 MeSH descriptor: [HLA-A Antigens] explode all trees
#46 MeSH descriptor: [Histocompatibility Antigens] explode all trees
#47 MeSH descriptor: [Nucleotide Deaminases] explode all trees
#48 MeSH descriptor: [Oligonucleotide Probes] explode all trees
#49 #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or
#26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or
#39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48
#50 "sensitive":ti,ab,kw (Word variations have been searched)
#51 specific:ti,ab,kw (Word variations have been searched)
#52 "reliable":ti,ab,kw (Word variations have been searched)
#53 "positive":ti,ab,kw (Word variations have been searched)
#54 "negative":ti,ab,kw (Word variations have been searched)
#55 "diagnosis":ti,ab,kw (Word variations have been searched)
#56 detect:ti,ab,kw (Word variations have been searched)
#57 predict:ti,ab,kw (Word variations have been searched)
#58 "accuracy":ti,ab,kw (Word variations have been searched)
#59 observer:ti,ab,kw (Word variations have been searched)
#60 variation:ti,ab,kw (Word variations have been searched)
#61 MeSH descriptor: [ROC Curve] explode all trees
#62 "ROC curve":ti,ab,kw (Word variations have been searched)
#63 likelihood:ti,ab,kw (Word variations have been searched)
#64 ratio:ti,ab,kw (Word variations have been searched)
#65 MeSH descriptor: [Likelihood Functions] explode all trees
#66 "prognoses":ti,ab,kw (Word variations have been searched)
#67 risk:ti,ab,kw (Word variations have been searched)
#68 mortality:ti,ab,kw (Word variations have been searched)

#69 "diagnose":ti,ab,kw (Word variations have been searched)
 #70 predict:ti,ab,kw (Word variations have been searched)
 #71 #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69 or #70
 #72 #13 and #49 and #71 Publication Year from 2009 to 2017
1111 Treffer (9.02.2017)

Frage 3: What is the diagnostic and predictive value of X-ray? Should it be done at baseline and repeated at which interval in patients with undifferentiated arthritis?

Suchstrategie Medline (Ovid)

1. ((early adj5 arthrit\$) or (undifferentiate\$ adj5 arthrit\$) or (inflammatory adj5 arthrit\$) or (unclassified adj5 arthrit\$) or (recent\$ adj5 arthrit\$) or (undiagnos\$ adj5 arthrit\$) or (prediagnos\$ adj5 arthrit\$) or (probable adj5 arthrit\$) or (un-diagnos\$ adj5 arthrit\$) or (early adj5 joint inflammation\$) or (undifferentiate\$ adj5 joint inflammation\$) or (inflammatory adj5 joint inflammation\$) or (recent\$ adj5 joint inflammation\$) or (early adj5 Oligoarthritis) or (undifferentiat\$ adj5 Oligoarthritis) or (inflammatory adj5 Oligoarthritis) or (unclassified adj5 Oligoarthritis) or (recent\$ adj5 Oligoarthritis) or (early adj5 polyarthrit\$) or (undifferentiate\$ adj5 polyarthrit\$) or (inflammatory adj5 polyarthrit\$) or (unclassified adj5 polyarthrit\$) or (recent\$ adj5 polyarthrit\$) or (undiagnos\$ adj5 polyarthrit\$) or (un-diagnos\$ adj5 polyarthrit\$) or (probable adj5 polyarthrit\$)).mp.
2. (sensitiv\$ or specific\$ or reliab\$ or positiv\$ or negativ\$ or diagnos\$ or detect\$).mp. or di.fs. or predict\$.mp. or accura\$.mp. or (observer adj variation\$).mp. or (roc adj curve\$).mp. or (likelihood adj3 ratio\$).mp. or likelihood function.mp.
3. diagnostic imaging/ or exp radiography/ or x-ray.mp. or x-rays.mp. or radiograp*.mp. or radiolog*.mp. or roentgeno*.mp. or prognosis.mp.
4. (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.
5. 1 and 2 and 3 and 4
6. limit 5 to (english language and humans and yr=2009 -Current)

242 Treffer (22.01.2017)

Cochrane Suchstrategie (Kap. 1+2)

- #1 early arthritis:ti,ab,kw (Word variations have been searched)
- #2 rheumatoid arthritis:ti,ab,kw (Word variations have been searched)
- #3 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #4 inflammatory arthritis:ti,ab,kw (Word variations have been searched)
- #5 MeSH descriptor: [Arthritis, Juvenile] explode all trees

- #6 oligoarthritis:ti,ab,kw (Word variations have been searched)
- #7 joint inflammation:ti,ab,kw (Word variations have been searched)
- #8 unclassified arthritis:ti,ab,kw (Word variations have been searched)
- #9 undifferentiated arthritis:ti,ab,kw (Word variations have been searched)
- #10 polyarthritis:ti,ab,kw (Word variations have been searched)
- #11 MeSH descriptor: [Arthritis] explode all trees
- #12 synovitis:ti,ab,kw (Word variations have been searched)
- #13 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12
- #14 sensitive:ti,ab,kw (Word variations have been searched)
- #15 specific:ti,ab,kw (Word variations have been searched)
- #16 reliable:ti,ab,kw (Word variations have been searched)
- #17 positive:ti,ab,kw (Word variations have been searched)
- #18 negative:ti,ab,kw (Word variations have been searched)
- #19 diagnosis:ti,ab,kw (Word variations have been searched)
- #20 detect:ti,ab,kw (Word variations have been searched)
- #21 predict:ti,ab,kw (Word variations have been searched)
- #22 accuracy:ti,ab,kw (Word variations have been searched)
- #23 observer:ti,ab,kw (Word variations have been searched)
- #24 variation:ti,ab,kw (Word variations have been searched)
- #25 MeSH descriptor: [ROC Curve] explode all trees
- #26 ROC curve:ti,ab,kw (Word variations have been searched)
- #27 likelihood:ti,ab,kw (Word variations have been searched)
- #28 ratio:ti,ab,kw (Word variations have been searched)
- #29 MeSH descriptor: [Likelihood Functions] explode all trees
- #30 prognoses:ti,ab,kw (Word variations have been searched)
- #31 risk:ti,ab,kw (Word variations have been searched)
- #32 mortality:ti,ab,kw (Word variations have been searched)
- #33 diagnose:ti,ab,kw (Word variations have been searched)
- #34 predict:ti,ab,kw (Word variations have been searched)
- #35 #14 or 15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or
#26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34
- #36 MeSH descriptor: [Diagnostic Imaging] explode all trees
- #37 diagnostic imaging:ti,ab,kw (Word variations have been searched)
- #38 MeSH descriptor: [Radiography] explode all trees
- #39 radiography:ti,ab,kw (Word variations have been searched)
- #40 x-ray:ti,ab,kw (Word variations have been searched)
- #41 MeSH descriptor: [Radiology] explode all trees
- #42 "radiology":ti,ab,kw (Word variations have been searched)
- #43 roentgenology:ti,ab,kw (Word variations have been searched)
- #44 prognosis:ti,ab,kw (Word variations have been searched)
- #45 #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44
- #46 #13 and #35 and #45 Publication Year from 2009 to 2017

584 Treffer (10.02.2017)

Frage 4: What is the diagnostic and predictive value of the following imaging studies: Ultrasound, Magnetic resonance imaging. Should they be done at baseline and repeated at which interval in patients with undifferentiated arthritis?

Suchstrategie Medline (Ovid)

1. ((early adj5 arthrit\$) or (undifferentiate\$ adj5 arthrit\$) or (inflammatory adj5 arthrit\$) or (unclassified adj5 arthrit\$) or (recent\$ adj5 arthrit\$) or (undiagnos\$ adj5 arthrit\$) or (prediagnos\$ adj5 arthrit\$) or (probable adj5 arthrit\$) or (un-diagnos\$ adj5 arthrit\$) or (early adj5 joint inflammation\$) or (undifferentiate\$ adj5 joint inflammation\$) or (inflammatory adj5 joint inflammation\$) or (recent\$ adj5 joint inflammation\$) or (early adj5 Oligoarthritis) or (undifferentiat\$ adj5 Oligoarthritis) or (inflammatory adj5 Oligoarthritis) or (unclassified adj5 Oligoarthritis) or (recent\$ adj5 Oligoarthritis) or (early adj5 polyarthrit\$) or (undifferentiate\$ adj5 polyarthrit\$) or (inflammatory adj5 polyarthrit\$) or (unclassified adj5 polyarthrit\$) or (recent\$ adj5 polyarthrit\$) or (undiagnos\$ adj5 polyarthrit\$) or (un-diagnos\$ adj5 polyarthrit\$) or (probable adj5 polyarthrit\$)).mp.
2. diagnostic imaging/ or exp magnetic resonance imaging/ or mri.mp. or magnetic resonance imaging.mp. or mr imaging.mp. or magnetic resonance.mp. or mr.ti. or diagnostic imaging/ or ultrasonography/ or ultrasound.mp. or ultrason*.mp. or echograph*.mp. or sonography.mp. or sonograph*.mp. or doppler*.mp. or us.ti.
3. sensitiv\$.mp. or specific\$.mp. or reliab\$.mp. or positiv\$.mp. or negativ\$.mp. or diagnos\$.mp. or detect\$.mp. or prognos\$.mp. or incidence/ or exp mortality/ or predict\$.mp. or course\$.mp.
4. follow-up stud\$.mp. or case-control stud\$.mp. or cohort.mp. or comparative stud\$.mp. or cross-sectional stud\$.mp. or evaluation stud\$.mp. or feasibility stud\$.mp. or longitudinal stud\$.mp. or program evaluation.mp. or prospective stud\$.mp. or retrospective stud\$.mp. or treatment outcome.mp. or risk factor\$.mp. or compared.mp. or multivariate.mp. or groups.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.
5. 1 and 2 and 3 and 4
6. limit 5 to (english language and humans and yr=2009 -Current)

152 Treffer (22.01.2017)

Cochrane Suchstrategie (Kap. 1+2)

- #1 early arthritis:ti,ab,kw (Word variations have been searched)
- #2 rheumatoid arthritis:ti,ab,kw (Word variations have been searched)
- #3 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #4 inflammatory arthritis:ti,ab,kw (Word variations have been searched)

- #5 MeSH descriptor: [Arthritis, Juvenile] explode all trees
- #6 oligoarthritis:ti,ab,kw (Word variations have been searched)
- #7 joint inflammation:ti,ab,kw (Word variations have been searched)
- #8 unclassified arthritis:ti,ab,kw (Word variations have been searched)
- #9 undifferentiated arthritis:ti,ab,kw (Word variations have been searched)
- #10 polyarthritis:ti,ab,kw (Word variations have been searched)
- #11 MeSH descriptor: [Arthritis] explode all trees
- #12 synovitis:ti,ab,kw (Word variations have been searched)
- #13 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12
- #14 MeSH descriptor: [Diagnostic Imaging] explode all trees
- #15 diagnostic imaging:ti,ab,kw (Word variations have been searched)
- #16 magnetic resonance imaging:ti,ab,kw (Word variations have been searched)
- #17 MeSH descriptor: [Magnetic Resonance Imaging] explode all trees
- #18 mri:ti,ab,kw (Word variations have been searched)
- #19 mr imaging:ti,ab,kw (Word variations have been searched)
- #20 magnetic resonance:ti,ab,kw (Word variations have been searched)
- #21 mr:ti,ab,kw (Word variations have been searched)
- #22 MeSH descriptor: [Ultrasonography] explode all trees
- #23 ultrasonography:ti,ab,kw (Word variations have been searched)
- #24 ultrasound:ti,ab,kw (Word variations have been searched)
- #25 "ultrasonic":ti,ab,kw (Word variations have been searched)
- #26 "echography":ti,ab,kw (Word variations have been searched)
- #27 sonography:ti,ab,kw (Word variations have been searched)
- #28 doppler:ti,ab,kw (Word variations have been searched)
- #29 us:ti,ab,kw (Word variations have been searched)
- #30 #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29
- #31 sensitive:ti,ab,kw (Word variations have been searched)
- #32 specific:ti,ab,kw (Word variations have been searched)
- #33 reliable:ti,ab,kw (Word variations have been searched)
- #34 positive:ti,ab,kw (Word variations have been searched)
- #35 negative:ti,ab,kw (Word variations have been searched)
- #36 diagnosis:ti,ab,kw (Word variations have been searched)
- #37 detect:ti,ab,kw (Word variations have been searched)
- #38 predict:ti,ab,kw (Word variations have been searched)
- #39 accuracy:ti,ab,kw (Word variations have been searched)
- #40 observer:ti,ab,kw (Word variations have been searched)
- #41 variation:ti,ab,kw (Word variations have been searched)
- #42 MeSH descriptor: [ROC Curve] explode all trees
- #43 ROC curve:ti,ab,kw (Word variations have been searched)
- #44 likelihood:ti,ab,kw (Word variations have been searched)
- #45 ratio:ti,ab,kw (Word variations have been searched)
- #46 MeSH descriptor: [Likelihood Functions] explode all trees
- #47 prognoses:ti,ab,kw (Word variations have been searched)
- #48 risk:ti,ab,kw (Word variations have been searched)
- #49 mortality:ti,ab,kw (Word variations have been searched)
- #50 diagnose:ti,ab,kw (Word variations have been searched)
- #51 predict:ti,ab,kw (Word variations have been searched)

#52 #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51
#53 #13 and #30 and #52 Publication Year from 2009 to 2017

1796 Treffer (10.02.2017)

Frage 5: What is the diagnostic and predictive value of antibodies and soluble biomarkers? Should they be done at baseline and repeated at which interval?

P: Patients suffering from undifferentiated inflammatory peripheral arthritis

I: Testing for antibodies / biomarkers

C: Neg. test / diff. titer

O: **definite DIAGNOSIS** according to classification criteria: RA, SpA, PsA, SLE, MCTD, Infectious arthritis, inflammatory OA, crystal arthritis, malignancy-related arthritis, sarcoidosis, other CTD

PREDICTION of PROGNOSIS: Persistent arthritis (active disease 6 months), Remission / Self-limiting disease, Erosive disease (by x-ray, US or MRI), Disability (HAQ), Quality of life (SF-36 or EuroQoL)

Suchstrategie Medline (Ovid)

1. ((early adj5 arthrit\$) or (undifferentiate\$ adj5 arthrit\$) or (inflammatory adj5 arthrit\$) or (unclassified adj5 arthrit\$) or (recent\$ adj5 arthrit\$) or (undiagnos\$ adj5 arthrit\$) or (prediagnos\$ adj5 arthrit\$) or (probable adj5 arthrit\$) or (un-diagnos\$ adj5 arthrit\$) or (early adj5 joint inflamma-tion\$) or (recent\$ adj5 joint inflammation\$) or (early adj5 oligoarthritis) or (undifferentiat\$ adj5 oligoarthritis) or (inflammatory adj5 oligoarthritis) or (unclassified adj5 oligoarthritis) or (recent\$ adj5 oligoarthritis) or (early adj5 polyarthrit\$) or (undifferentiate\$ adj5 polyarthrit\$) or (inflam-matory adj5 polyarthrit\$) or (unclassified adj5 polyarthrit\$) or (recent\$ adj5 polyarthrit\$) or (undiagnos\$ adj5 polyarthrit\$) or (un-diagnos\$ adj5 polyarthrit\$) or (probable adj5 polyarthrit\$)).mp.
2. (sensitiv\$ or specific\$ or reliab\$ or positiv\$ or negativ\$ or diagnos\$ or detect\$).mp. or di.fs. or predict\$.mp. or accura\$.mp. or (observer adj variation\$).mp. or (roc adj curve\$).mp. or (likelihood adj3 ratio\$).mp. or likelihood function/ or prognos\$.mp. or incidence/ or exp mortality/ or course\$.mp.
3. *Biological Markers/an, bl, du or *Immunoglobulin G/ or \$antibod\$.mp. or *Antibody Formation/ or *Immunohistochemistry/ or immunohisto\$.mp. or *Biological Marker/ or *Monoclonal Antibody/ or \$antibod\$.mp. or *Immunohistochemistry/ or immuno-histo\$.mp. or (\$biomarker\$ or immunohistochemistr\$ or \$rage\$ or \$rank\$ or (receptor and activator and nuclear and factor) or \$osteopontin\$ or OPN\$ or \$osteoprotegerin\$ or OPG\$ or osteocalcin\$ or osteonectin or SPARC\$ or \$crosslap\$ or CTX or \$crosslink\$ or CrLap\$ or \$pyridinolin\$ or Dpd or pyd or \$telopeptide\$ or ICTP\$ or CICP\$ or tartrat\$ or TRAP\$ or osteocalcin\$ or phosphatas\$ or BAP\$ or BALP\$ or b-ALP\$ or \$collagen\$ or PICP\$ or PINP\$ or PICP\$ or sialoprotein\$ or BSP or cat-k or cathepsin\$ or MMP\$ or \$metalloprotease\$ or \$metalloproteinase\$ or U-NTX or S-NTX or (soluble adj APRIL\$)).mp.

4. (\$antibod\$ or serologic\$).mp. or (rheumat\$ and factor\$).ti. or (seropos\$ or seroneg\$).ti. or \$CCP\$.mp. or ACPA.mp. or (anti-cyclic and citrullinat\$ and peptide\$).mp. or \$citrullinat\$.mp. or (antibod\$ or citrulline or \$CCP\$).mp. or (glycosaminoglycan\$ or \$GAG\$).mp. or ANA\$.mp. or anti-nuclear antibod\$.mp. or \$filaggrin\$.mp. or AFA.mp. or \$keratin\$.mp. or \$AKA\$.mp. or \$perinuclear\$.mp. or APF.mp. or \$RA33.mp. or \$RNPF.mp. or sm.ti. or \$collagen\$.mp. or \$GPI.mp. or \$BIP.mp. or \$calpastatin\$.mp. or ANCA\$.mp. or antineutrophil\$.mp. or (\$Ro or \$SSA\$ or SS-A).mp. or (\$La or \$SSB\$ or SS-B).mp. or \$histon\$.mp. or AHA\$.mp. or \$DNA\$.mp. or (antiphospho-lip\$ or anticardiolip\$ or APA\$ or aPL or ACL).mp. or \$ENA\$.mp. or \$centromer\$.mp. or \$vimentin\$.mp. or (anti-mitochondrial and antibod\$).mp. or AMA\$.mp. or \$SCL\$.mp. or topoisomeras\$.mp. or ACA\$.mp. or CENP\$.mp. or \$RNA-polymeras\$.mp. or \$RNA-synthetas\$.mp. or mi\$2\$.mp. or ku\$\$.mp. or SRP\$.mp. or fibrillarin\$.mp. or lamin\$.mp. or to\$th\$.mp. or PCNA.mp. or PL-5.mp. or cyclin\$.mp. or RPP\$.mp. or SRP\$.mp.

5. follow-up stud\$.mp. or case-control stud\$.mp. or cohort.mp. or comparative stud\$.mp. or cross-sectional stud\$.mp. or evaluation stud\$.mp. or feasibility stud\$.mp. or longitudinal stud\$.mp. or program evaluation.mp. or prospective stud\$.mp. or retrospective stud\$.mp. or treatment outcome.mp. or risk factor\$.mp. or compared.mp. or multivariate.mp. or groups.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.

6. 1 and 2 and 3 and 4 and 5

7. limit 6 to (english language and humans and yr=2009 -Current)

202 Treffer (22.01.2017)

Frage 6: What is the diagnostic and predictive value of acute phase reactants? Should they be done at baseline and repeated at which intervals in patients with undifferentiated arthritis?

P: adult undifferentiated peripheral inflammatory arthritis

I: CRP, ESR, MMP, IL-6, IL-15, SS-A, CBC, soluble biomarkers, acute phase reactants, interleukins, ferritin

C:

O:

a. Diagnostic markers: RA, SLE, SpA, PsA, inflammatory arthritis, infectious arthritis, crystal arthritis, MCTD, CA, sarcoïdosis, other CTD

b. Prognostic markers: persistent arthritis, erosive arthritis or damage, remission, disability, quality of life

Suchstrategie Medline (Ovid)

1. ((early adj5 arthrit\$) or (undifferentiate\$ adj5 arthrit\$) or (inflammatory adj5 arthrit\$) or (unclassified adj5 arthrit\$) or (recent\$ adj5 arthrit\$) or (undiagnos\$ adj5 arthrit\$) or (prediagnos\$ adj5 arthrit\$) or (probable adj5 arthrit\$) or (un-diagnos\$ adj5 arthrit\$) or (early adj5 joint inflammation\$) or (undifferentiate\$ adj5 joint inflammation\$) or (inflammatory adj5 joint inflammation\$) or (recent\$ adj5 joint inflammation\$) or (early adj5 Oligoarthritis) or (undifferentiat\$ adj5 Oligoarthritis) or (inflammatory adj5 Oligoarthritis) or (unclassified adj5 Oligoarthritis) or (recent\$ adj5 Oligoarthritis) or (recent\$ adj5 Oligoarthritis) or (early adj5 polyarthrit\$) or (undifferentiate\$ adj5 polyarthrit\$) or (inflammatory adj5 polyarthrit\$) or (unclassified adj5 polyarthrit\$) or (recent\$ adj5 polyarthrit\$) or (undiagnos\$ adj5 polyarthrit\$) or (un-diagnos\$ adj5 polyarthrit\$) or (probable adj5 polyarthrit\$)).mp.
2. (sensitiv\$ or specific\$ or reliab\$ or positiv\$ or negativ\$ or diagnos\$ or detect\$).mp. or di.fs. or predict\$.mp. or accura\$.mp. or (observer adj variation\$).mp. or (roc adj curve\$).mp. or (likelihood adj3 ratio\$).mp. or likelihood function/ or prognos\$.mp. or incidence/ or exp mortality/ or predict\$.mp. or course\$.mp
3. ((acute phase adj5 reac\$) or (acute adj5 phase) or CRP or c react\$ or (blood adj5 sed\$) or sedim\$ or (sedim\$ adj5 rate\$) or MMP or (matrix adj5 metalloprotein\$) or interleukin\$ or IL or (serum adj5 amyloid) or SAA or SSA or (solu\$ adj5 biomark\$) or (complete adj5 blood count\$) or CBC or (total adj5 blood count\$) or (acute adj5 phase prot\$) or alpha-macroglob\$ or (acute phase adj5 phosphoprot\$) or MAP prot\$ or (mannose binding adj5 prot\$) or (lipopolysac\$ adj 5 prot\$) or alpha 1 inhibitor\$ or inflammation or alpha 1 antichymotryp\$ or SAP or SSP or Ferritin).mp.
4. follow-up stud\$.mp. or case-control stud\$.mp. or cohort.mp. or comparative stud\$.mp. or cross-sectional stud\$.mp. or evaluation stud\$.mp. or feasibility stud\$.mp. or longitudinal stud\$.mp. or program evaluation.mp. or prospective stud\$.mp. or retrospective stud\$.mp. or treatment outcome.mp. or risk factor\$.mp. or compared.mp. or multivariate.mp. or groups.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.
5. 1 and 2 and 3 and 4
6. limit 5 to (english language and humans and yr=2009 -Current)

399 Treffer (22.01.2017)

Frage 8: Which differential diagnoses should be considered in inflammatory arthritis?

Suchstrategie Medline (Ovid)

1. ((early adj5 arthrit\$) or (undifferentiate\$ adj5 arthrit\$) or (inflammatory adj5 arthrit\$) or (unclassified adj5 arthrit\$) or (recent\$ adj5 arthrit\$) or (undiagnos\$ adj5 arthrit\$) or (prediagnos\$ adj5 arthrit\$) or (probable adj5 arthrit\$) or (un-diagnos\$ adj5 arthrit\$) or (early

adj5 joint inflammation\$) or (undifferentiate\$ adj5 joint inflammation\$) or (inflammatory adj5 joint inflammation\$) or (recent\$ adj5 joint inflammation\$) or (early adj5 Oligoarthritis) or (undifferentiat\$ adj5 Oligoarthritis) or (inflammatory adj5 Oligoarthritis) or (unclassified adj5 Oligoarthritis) or (recent\$ adj5 Oligoarthritis) or (recent\$ adj5 Oligoarthritis) or (early adj5 polyarthrit\$) or (undifferentiate\$ adj5 polyarthrit\$) or (inflammatory adj5 polyarthrit\$) or (unclassified adj5 polyarthrit\$) or (recent\$ adj5 polyarthrit\$) or (undiagnos\$ adj5 polyarthrit\$) or (un-diagnos\$ adj5 polyarthrit\$) or (probable adj5 polyarthrit\$)).mp.

2. (differential adj5 diagnos\$)

3. follow-up stud\$.mp. or case-control stud\$.mp. or cohort.mp. or comparative stud\$.mp. or cross-sectional stud\$.mp. or evaluation stud\$.mp. or feasibility stud\$.mp. or longitudinal stud\$.mp. or program evaluation.mp. or prospective stud\$.mp. or retrospective stud\$.mp. or treatment outcome.mp. or risk factor\$.mp. or compared.mp. or multivariate.mp. or groups.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.

4. 1 and 2 and 3

5. limit 4 to (english language and humans and yr=2009 -Current)

75 Treffer (22.01.2017)

Cochrane Suchstrategie (Kap. 1+2)

- #1 early arthritis:ti,ab,kw (Word variations have been searched)
- #2 rheumatoid arthritis:ti,ab,kw (Word variations have been searched)
- #3 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #4 inflammatory arthritis:ti,ab,kw (Word variations have been searched)
- #5 MeSH descriptor: [Arthritis, Juvenile] explode all trees
- #6 oligoarthritis:ti,ab,kw (Word variations have been searched)
- #7 joint inflammation:ti,ab,kw (Word variations have been searched)
- #8 unclassified arthritis:ti,ab,kw (Word variations have been searched)
- #9 undifferentiated arthritis:ti,ab,kw (Word variations have been searched)
- #10 polyarthrit:ti,ab,kw (Word variations have been searched)
- #11 MeSH descriptor: [Arthritis] explode all trees
- #12 synovitis:ti,ab,kw (Word variations have been searched)
- #13 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12
- #14 MeSH descriptor: [Diagnosis, Differential] explode all trees
- #15 "differential diagnosis":ti,ab,kw (Word variations have been searched)
- #16 "differential diagnostic":ti,ab,kw (Word variations have been searched)
- #17 #14 or #15 or #16
- #18 #13 and #17 Publication Year from 2009 to 2017

19 Treffer (10.02.2017)

Frage 9: What are the minimal clinical, laboratory and imaging investigations necessary to confirm and follow-up an undifferentiated arthritis? And how often?

P: Adult

I: clinical, laboratory, imaging

C: none

O: UIPA

Frage 10: What is the predictive value of clinical features, laboratory markers, imaging, and genetic markers for persistent disease in early indifferntiated peripheral inflammatory arthritis?

P: adult patients with early undifferentiated peripheral inflammatory arthritis.

I: presence of clinical features, laboratory makers, imaging, genetic makers

C: absence of clinical features, laboratory makers, imaging, genetic makers

O: persistent arthritis

T: The OPTIMAL DESIGN is the prognostic studies that used multivariate analysis to identify independent predictor of persistent arthritis

[Siehe Ergebnisse aus Suchstrategien Medline \(Ovid\) vorab](#)

[Kapitel 1.3 Window of Opportunity](#)

P: Adult patients with RA

I: DMARD therapy start not later than 6 months after first symptoms

C: Delayed DMARD therapy (> 6M)

O: Remission? LDA? Radiologic progression (SvdH Score), Function, (Early) retirement, Mortality

S: RCTs, Long-term observation studies (pro- and retrospective), case-control studies

[Suchstrategie Medline \(PubMed\)](#)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw] OR undifferentiated arthritis[tiab]

#2

dmard[tiab] OR antirheumatic drugs, disease modifying[mh] OR delayed dmard therapy[tiab] OR Biological Therapy[mh] OR biologic[tw]

#3

infliximab[tw] OR remicade[tw] OR etanercept[tw] OR Enbrel[tw] OR adalimumab[tw] OR humira[tw] OR abatacept[tw] OR orenzia[tw] OR rituximab[tw] OR mabthera[tw] OR

anakinra[tw] OR kineret[tw] OR tocilizumab[tw] OR roactemra[tw] OR golimumab[tw] OR certolizumab[tw] OR cimzia[tw] OR Antirheumatic Agents[mh:noexp] OR Antirheumatic[tiab]

#4

Methotrexate[mh:noexp] OR Methotrexate[tiab] OR Isoxazoles[mh] OR isoxazole[tiab] OR leflunomide[tiab] OR Sulfasalazine[mh:noexp] OR sulfasalazine[tiab] OR Hydroxychloroquine[mh:noexp] OR Hydroxychloro[tiab] OR Gold Compounds[mh] OR Organogold Compounds[mh] OR gold[tiab] OR Chloroquine[mh] OR chloroquine[tiab] OR Azathioprine[mh:noexp] OR azathioprine[tiab] OR Cyclosporins[mh] OR cyclosporine[tiab] OR Penicillamine[mh] OR Penicillamine[tiab] OR Cyclophosphamide[mh] OR Mycophenolic Acid[mh:noexp] OR mycophenolate[tiab] OR Chlorambucil[mh] OR chlorambucil[tiab] OR Minocycline[mh:noexp] OR minocycline[tiab]

#5

Remission Induction[mh] OR remission[tiab] OR low disease activity[tiab] OR radiologic progression[tiab] OR SvdH score[tiab] OR Sharp van der Heijde scoring[tiab] OR Sharp van der Heijde score[tiab] OR function[tiab] OR early retirement[tiab] OR retirement[tiab] OR retirement[mh] OR mortality[tiab] OR mortality[mh]

#6

#1 AND #2 AND #3 AND #4 AND #5

#7

#1 AND #2 AND #3 AND #4 AND #5 Filters: English, German

#8

#1 AND #2 AND #3 AND #4 AND #5 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#9

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#10

#8 AND #9

708 Treffer (22.01.2017)

Cochrane Suchstrategie

- #1 "rheumatoid arthritis":ti,ab,kw (Word variations have been searched)
- #2 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #3 #1 or #2
- #4 dmard:ti,ab,kw (Word variations have been searched)
- #5 MeSH descriptor: [Antirheumatic Agents] explode all trees
- #6 delayed dmard therapy:ti,ab,kw (Word variations have been searched)

#7 MeSH descriptor: [Biological Therapy] explode all trees
#8 biologic:ti,ab,kw (Word variations have been searched)
#9 #4 or #5 or #6 or #7 or #8
#10 infliximab:ti,ab,kw (Word variations have been searched)
#11 remicade:ti,ab,kw (Word variations have been searched)
#12 etanercept:ti,ab,kw (Word variations have been searched)
#13 Enbrel:ti,ab,kw (Word variations have been searched)
#14 adalimumab:ti,ab,kw (Word variations have been searched)
#15 humira:ti,ab,kw (Word variations have been searched)
#16 abatacept:ti,ab,kw (Word variations have been searched)
#17 orenzia:ti,ab,kw (Word variations have been searched)
#18 rituximab:ti,ab,kw (Word variations have been searched)
#19 mabthera:ti,ab,kw (Word variations have been searched)
#20 anakinra:ti,ab,kw (Word variations have been searched)
#21 kineret:ti,ab,kw (Word variations have been searched)
#22 tocilizumab:ti,ab,kw (Word variations have been searched)
#23 roactemra:ti,ab,kw (Word variations have been searched)
#24 golimumab:ti,ab,kw (Word variations have been searched)
#25 certolizumab:ti,ab,kw (Word variations have been searched)
#26 cimzia:ti,ab,kw (Word variations have been searched)
#27 MeSH descriptor: [Antirheumatic Agents] this term only
#28 Antirheumatic:ti,ab,kw (Word variations have been searched)
#29 #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or
#22 or #23 or #24 or #25 or #26 or #27 or #28
#30 MeSH descriptor: [Methotrexate] this term only
#31 Methotrexate:ti,ab,kw (Word variations have been searched)
#32 MeSH descriptor: [Isoxazoles] explode all trees
#33 isoxazole:ti,ab,kw (Word variations have been searched)
#34 leflunomide:ti,ab,kw (Word variations have been searched)
#35 MeSH descriptor: [Sulfasalazine] this term only
#36 sulfasalazine:ti,ab,kw (Word variations have been searched)
#37 MeSH descriptor: [Hydroxychloroquine] this term only
#38 MeSH descriptor: [Gold Compounds] explode all trees
#39 MeSH descriptor: [Organogold Compounds] explode all trees
#40 gold:ti,ab,kw (Word variations have been searched)
#41 MeSH descriptor: [Chloroquine] explode all trees
#42 chloroquine:ti,ab,kw (Word variations have been searched)
#43 MeSH descriptor: [Azathioprine] this term only
#44 azathioprine:ti,ab,kw (Word variations have been searched)
#45 MeSH descriptor: [Cyclosporins] explode all trees
#46 cyclosporine:ti,ab,kw (Word variations have been searched)
#47 MeSH descriptor: [Penicillamine] explode all trees
#48 Penicillamine:ti,ab,kw (Word variations have been searched)
#49 MeSH descriptor: [Cyclophosphamide] explode all trees
#50 MeSH descriptor: [Mycophenolic Acid] this term only
#51 mycophenolate:ti,ab,kw (Word variations have been searched)
#52 MeSH descriptor: [Chlorambucil] explode all trees
#53 chlorambucil:ti,ab,kw (Word variations have been searched)

- #54 MeSH descriptor: [Minocycline] this term only
- #55 minocycline:ti,ab,kw (Word variations have been searched)
- #56 #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55
- #57 MeSH descriptor: [Remission Induction] explode all trees
- #58 remission:ti,ab,kw (Word variations have been searched)
- #59 low disease activity:ti,ab,kw (Word variations have been searched)
- #60 radiologic progression:ti,ab,kw (Word variations have been searched)
- #61 SvdH score:ti,ab,kw (Word variations have been searched)
- #62 Sharp van der Heijde scoring:ti,ab,kw (Word variations have been searched)
- #63 sharp van der Heijde score:ti,ab,kw (Word variations have been searched)
- #64 function:ti,ab,kw (Word variations have been searched)
- #65 early retirement:ti,ab,kw (Word variations have been searched)
- #66 retirement:ti,ab,kw (Word variations have been searched)
- #67 MeSH descriptor: [Retirement] explode all trees
- #68 mortality:ti,ab,kw (Word variations have been searched)
- #69 MeSH descriptor: [Mortality] explode all trees
- #70 #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69
- #71 #3 and #9 and #29 and #56 and #70 Publication Year from 2009 to 2017

442 Treffer (9.02.2017)

Kapitel 2 (gleiche Fragen wie in Kap. 1.2, Population: RA)

Suchstrategie Medline (Ovid) nur RA (Frage 1 + 2)

1. rheumatoid adj1 arthrit\$
2. (gene or genes or Genetic\$ or Genomic\$ or Genotype\$ or Allele\$ or Chromosome\$ or Dna or Exon\$ or Haplotype\$ or Heterozygote\$ or Homozygote\$ or (hla and antigen\$) or (histocompatibility and antigen\$) or Immunogenetic\$ or Linkage or Major histocompatibility complex or (microsatellite and repeat\$) or (nucleotide\$ and deaminase\$) or (oligonucleotide\$ and probes) or Polymorphism\$ or (promoter and region\$) or Rna or (transcription and factor\$)).af.
3. (sensitiv\$ or specific\$ or reliab\$ or positiv\$ or negativ\$ or diagnos\$ or detect\$).mp. or di.fs. or predict\$.mp. or accura\$.mp. or (observer adj variation\$).mp. or (roc adj curve\$).mp. or (likelihood adj3 ratio\$).mp. or likelihood function/ or prognos\$.mp. or risk\$.mp. or exp mortality/ or diagnos\$.mp. or predict\$.mp.
4. follow-up.mp. or course\$.mp. or ep.fs. or cohort.mp. or case-control stud\$.mp. or outcome.mp. or comparative stud\$.mp. or clinical article.mp. or cross-sectional stud\$.mp. or major clinical stud\$.mp. or follow-up stud\$.mp. or prospective stud\$.mp. or intermethod comparison.mp. or retrospective stud\$.mp. or population research.mp. or compared.mp. or multivariate.mp. or groups.mp. or controlled stud\$.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort

Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt

5. 1 and 2 and 3 and 4

6. limit 5 to (english language and humans and yr=2009 -Current)

1163 Treffer (20.01.2017)

Suchstrategie Medline (Ovid) nur RA (Frage 3)

1. rheumatoid adj1 arthrit\$

2. (sensitiv\$ or specific\$ or reliab\$ or positiv\$ or negativ\$ or diagnos\$ or detect\$).mp. or di.fs. or predict\$.mp. or accura\$.mp. or (observer adj variation\$).mp. or (roc adj curve\$).mp. or (likelihood adj3 ratio\$).mp. or likelihood function.mp.

3. diagnostic imaging/ or exp radiography/ or x-ray.mp. or x-rays.mp. or radiograp*.mp. or radiolog*.mp. or roentgeno*.mp. or prognosis.mp.

4. (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.

5. 1 and 2 and 3 and 4

6. limit 5 to (english language and humans and yr=2009 -Current)

609 Treffer (20.01.2017)

Suchstrategie Medline (Ovid) nur RA (Frage 4)

1. rheumatoid adj1 arthrit\$

2. diagnostic imaging/ or exp magnetic resonance imaging/ or mri.mp. or magnetic resonance imaging.mp. or mr imaging.mp. or magnetic resonance.mp. or mr.ti. or diagnostic imaging/ or ultrasonography/ or ultrasound.mp. or ultrason*.mp. or echograph*.mp. or sonography.mp. or sonograph*.mp. or doppler*.mp. or us.ti.

3. sensitiv\$.mp. or specific\$.mp. or reliab\$.mp. or positiv\$.mp. or negativ\$.mp. or diagnos\$.mp. or detect\$.mp. or prognos\$.mp. or incidence/ or exp mortality/ or predict\$.mp. or course\$.mp.

4. follow-up stud\$.mp. or case-control stud\$.mp. or cohort.mp. or comparative stud\$.mp. or cross-sectional stud\$.mp. or evaluation stud\$.mp. or feasibility stud\$.mp. or longitudinal stud\$.mp. or program evaluation.mp. or prospective stud\$.mp. or retrospective stud\$.mp.

or treatment outcome.mp. or risk factor\$.mp. or compared.mp. or multivariate.mp. or groups.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.

5. 1 and 2 and 3 and 4

6. limit 5 to (english language and humans and yr=2009 -Current)

251 Treffer (20.01.2017)

Suchstrategie Medline (Ovid) nur RA (Frage 5)

1. rheumatoid adj1 arthrit\$

2. (sensitiv\$ or specific\$ or reliab\$ or positiv\$ or negativ\$ or diagnos\$ or detect\$).mp. or di.fs. or predict\$.mp. or accura\$.mp. or (observer adj variation\$).mp. or (roc adj curve\$).mp. or (likelihood adj3 ratio\$).mp. or likelihood function/ or prognos\$.mp. or incidence/ or exp mortality/ or course\$.mp.

3. *Biological Markers/an, bl, du or *Immunoglobulin G/ or \$antibod\$.mp. or *Antibody Formation/ or *Immunohistochemistry/ or immunohisto\$.mp. or *Biological Marker/ or *Monoclonal Antibody/ or \$antibod\$.mp. or *Immunohistochemistry/ or immuno-histo\$.mp. or (\$biomarker\$ or immunohistochemistr\$ or \$rage\$ or \$rank\$ or (receptor and activator and nuclear and factor) or \$osteopontin\$ or OPN\$ or \$osteoprotegerin\$ or OPG\$ or osteocalcin\$ or osteonectin or SPARC\$ or \$crosslap\$ or CTX or \$crosslink\$ or CrLap\$ or \$pyridinolin\$ or Dpd or pyd or \$telopeptide\$ or ICTP\$ or CICP\$ or tartrat\$ or TRAP\$ or osteocalcin\$ or phosphatas\$ or BAP\$ or BALP\$ or b-ALP\$ or \$collagen\$ or PICP\$ or PINP\$ or PICP\$ or sialoprotein\$ or BSP or cat-k or cathepsin\$ or MMP\$ or \$metalloprotease\$ or \$metalloproteinase\$ or U-NTX or S-NTX or (soluble adj APRIL\$)).mp.

4. (\$antibod\$ or serologic\$).mp. or (rheumat\$ and factor\$).ti. or (seropos\$ or seroneg\$).ti. or \$CCP\$.mp. or ACPA.mp. or (anti-cyclic and citrullinat\$ and peptide\$).mp. or \$citrullinat\$.mp. or (antibod\$ or citrulline or \$CCP\$).mp. or (glycosaminoglycan\$ or \$GAG\$).mp. or ANA\$.mp. or anti-nuclear antibod\$.mp. or \$filaggrin\$.mp. or AFA.mp. or \$keratin\$.mp. or \$AKA\$.mp. or \$perinuclear\$.mp. or APF.mp. or \$RA33.mp. or \$RNP\$.mp. or sm.ti. or \$collagen\$.mp. or \$GPI.mp. or \$BIP.mp. or \$calpastatin\$.mp. or ANCA\$.mp. or antineutrophil\$.mp. or (\$Ro or \$SSA\$ or SS-A).mp. or (\$La or \$SSB\$ or SS-B).mp. or \$histon\$.mp. or AHA\$.mp. or \$DNA\$.mp. or (antiphospho-lip\$ or anticardioliip\$ or APA\$ or aPL or ACL).mp. or \$ENA\$.mp. or \$centromer\$.mp. or \$vimentin\$.mp. or (anti-mitochondrial and antibod\$).mp. or AMA\$.mp. or \$SCL\$.mp. or topoisomeras\$.mp. or ACA\$.mp. or CENP\$.mp. or \$RNA-polymeras\$.mp. or \$RNA-synthetas\$.mp. or mi\$2\$.mp. or ku\$\$.mp. or SRP\$.mp. or fibrillar\$.mp. or lamin\$.mp. or to\$th\$.mp. or PCNA.mp. or PL-5.mp. or cyclin\$.mp. or RPP\$.mp. or SRP\$.mp.

5. follow-up stud\$.mp. or case-control stud\$.mp. or cohort.mp. or comparative stud\$.mp. or cross-sectional stud\$.mp. or evaluation stud\$.mp. or feasibility stud\$.mp. or longitudinal

stud\$.mp. or program evaluation.mp. or prospective stud\$.mp. or retrospective stud\$.mp. or treatment outcome.mp. or risk factor\$.mp. or compared.mp. or multivariate.mp. or groups.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.

6. 1 and 2 and 3 and 4 and 5

7. limit 6 to (english language and humans and yr=2009 -Current)

978 Treffer (20.01.2017)

Suchstrategie Medline (Ovid) nur RA (Frage 6)

1. rheumatoid adj1 arthrit\$

2. (sensitiv\$ or specific\$ or reliab\$ or positiv\$ or negativ\$ or diagnos\$ or detect\$).mp. or di.fs. or predict\$.mp. or accura\$.mp. or (observer adj variation\$).mp. or (roc adj curve\$).mp. or (likelihood adj3 ratio\$).mp. or likelihood function/ or prognos\$.mp. or incidence/ or exp mortality/ or predict\$.mp. or course\$.mp

3. ((acute phase adj5 reac\$) or (acute adj5 phase) or CRP or c react\$ or (blood adj5 sed\$) or sedim\$ or (sedim\$ adj5 rate\$) or MMP or (matrix adj5 metalloprotein\$) or interleukin\$ or IL or (serum adj5 amyloid) or SAA or SSA or (solu\$ adj5 biomark\$) or (complete adj5 blood count\$) or CBC or (total adj5 blood count\$) or (acute adj5 phase prot\$) or alpha-macroglob\$ or (acute phase adj5 phosphoprot\$) or MAP prot\$ or (mannose binding adj5 prot\$) or (lipopolysac\$ adj 5 prot\$) or alpha 1 inhibitor\$ or inflammation or alpha 1 antichymotryp\$ or SAP or SSP or Ferritin).mp.

4. follow-up stud\$.mp. or case-control stud\$.mp. or cohort.mp. or comparative stud\$.mp. or cross-sectional stud\$.mp. or evaluation stud\$.mp. or feasibility stud\$.mp. or longitudinal stud\$.mp. or program evaluation.mp. or prospective stud\$.mp. or retrospective stud\$.mp. or treatment outcome.mp. or risk factor\$.mp. or compared.mp. or multivariate.mp. or groups.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.

5. 1 and 2 and 3 and 4

6. limit 5 to (english language and humans and yr=2009 -Current)

1118 Treffer (22.01.2017)

Suchstrategie Medline (Ovid) nur RA (Frage 8)

1. rheumatoid adj1 arthrit\$
2. (differential adj5 diagnos\$)
3. follow-up stud\$.mp. or case-control stud\$.mp. or cohort.mp. or comparative stud\$.mp. or cross-sectional stud\$.mp. or evaluation stud\$.mp. or feasibility stud\$.mp. or longitudinal stud\$.mp. or program evaluation.mp. or prospective stud\$.mp. or retrospective stud\$.mp. or treatment outcome.mp. or risk factor\$.mp. or compared.mp. or multivariate.mp. or groups.mp. or (random\$ or placebo\$).ti,ab. or exp Case-Control Studies/ or Control Groups/ or Matched-Pair Analysis/ or ((case* adj5 control*) or (case adj3 comparison*) or control group*).ti,ab. or cohort.ti,ab. or exp Cohort Studies/ or longitudinal.ti,ab. or prospective.ti,ab. or retrospective.ti,ab. or ((comprehensive* or systematic*) adj3 (bibliographic* or review* or literature)).mp. or ((meta-analy* or metaanaly* or research synthesis or (information or data)) adj3 synthesis).mp. or (data adj2 extract*).ti,ab. or (cinahl or cochrane or trial).mp. or cochrane database of systematic reviews.jn. or (review adj5 (rationale or evidence)).ti,ab. and review.mp. or meta-analysis as topic.mp. or Meta-Analysis.pt. or review.pt.
4. 1 and 2 and 3
5. limit 4 to (english language and humans and yr=2009 -Current)

138 Treffer (22.01.2017)

Kapitel 3

F6: Welche symptomatische Therapie/ Schmerztherapie soll in der Primärversorgung bis zur Diagnose (Ausschluss) einer rheumatoiden Arthritis erwogen werden? Auch unter Berücksichtigung von Risikofaktoren...

Population:

Early rheumatoid arthritis

Arthritis, Rheumatoid

primary care physician, general practitioner, general practice physician

Intervention:

pain/drug therapy

pain management

Pain Management/methods"

Antirheumatic agents

Anti-inflammatory agents, non-steroidal

corticosteroids

Antirheumatic agents

Acetaminophen/Paracetamol

Comparator:

Gastritis

Hypertension,

renal failure
Heart failure,
coronary heart disease
peripheral vascular disease

Outcome:

pain
Abnormalities Drug induced
Adverse events

Suchstrategie Medline (PubMed)

#1 Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw] OR Synovitis[mh] OR Synovialitis[tw] OR Monarthritis[tw] OR Oligoarthritis[tw] OR Arthritis[mh:noexp] OR Polyarthritis[tiab] OR non-inflammatory joint pain[tiab] OR noninflammatory arthritis[tiab])

#2 Physicians, Primary Care[mh] OR Physicians, Primary Care[tiab] OR General Practitioners[mh] OR General Practitioners[tiab] OR general practice physician[tiab]

#3 Drug therapy[mh] OR Drug therapy[tiab] OR Pain Management[mh] OR Pain Management[tiab] OR methods[tiab] OR methods[mh] OR Antirheumatic agents[mh] OR Antirheumatic agents[tiab] OR Anti-Inflammatory Agents, Non-Steroidal[mh] OR Anti-Inflammatory Agents, Non-Steroidal[tiab] OR Glucocorticoids[mh] OR Glucocorticoids[tiab] OR corticosteroids[tiab] OR Antirheumatic Agents[mh] OR Antirheumatic Agents[tiab] OR Acetaminophen[mh] OR Acetaminophen[tiab] OR Paracetamol[tiab] OR symptomatic therapy[tiab] OR Analgetics[tiab] OR Analgesia[majr] OR Dipyrrone[mh] OR Dipyrrone[tiab] OR Analgesics, Opioid[mh] OR weak opioids[tiab]

#4 #1 AND #2 AND #3

#5 Stomach Ulcer[mh] OR Stomach Ulcer[tiab] OR Gastritis[mh] OR Gastritis[tiab] OR Acute Kidney Injury[mh] OR Acute Kidney Injury[tiab] OR Renal Insufficiency[mh] OR Renal Insufficiency[tiab] OR renal function[tiab] OR Hypertension[mh] OR Hypertension[tiab] OR Heart Failure[mh] OR Heart Failure[tiab] OR Coronary Disease[mh] OR Coronary Disease[tiab] OR Peripheral Vascular Diseases[mh] OR Peripheral Vascular Diseases[tiab] OR Pain[mh] OR Pain[tiab] OR Abnormalities, Drug-Induced[mh] OR Abnormalities, Drug-Induced[tiab] OR adverse effects[mh] OR adverse effects[tiab] OR adverse events[tiab] OR Drug-Related Side Effects and Adverse Reactions[mh] OR Drug-Related Side Effects and Adverse Reactions[tiab] OR adverse drug events[tiab] OR Long Term Adverse Effects[mh] OR Long Term Adverse Effects[tiab]

#6 #4 AND #5

#7 #4 AND #5 Filters: English, German

#8 #4 AND #5 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#9 ((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control

studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])
#10 #8 AND #9

9 Treffer (5.02.2017)

Cochrane Suchstrategie

- #1 arthritis rheumatoid:ti,ab,kw (Word variations have been searched)
- #2 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #3 MeSH descriptor: [Physicians, Primary Care] explode all trees
- #4 Physicians, Primary Care:ti,ab,kw (Word variations have been searched)
- #5 MeSH descriptor: [General Practitioners] explode all trees
- #6 General Practitioners:ti,ab,kw (Word variations have been searched)
- #7 general practice physician:ti,ab,kw (Word variations have been searched)
- #8 #1 or #2
- #9 #3 or #4 or #5 or #6 or #7
- #10 MeSH descriptor: [Drug Therapy] explode all trees
- #11 Drug therapy:ti,ab,kw (Word variations have been searched)
- #12 MeSH descriptor: [Pain Management] explode all trees
- #13 Pain Management:ti,ab,kw (Word variations have been searched)
- #14 methods:ti,ab,kw (Word variations have been searched)
- #15 MeSH descriptor: [Methods] explode all trees
- #16 MeSH descriptor: [Antirheumatic Agents] explode all trees
- #17 Antirheumatic agents:ti,ab,kw (Word variations have been searched)
- #18 MeSH descriptor: [Anti-Inflammatory Agents, Non-Steroidal] explode all trees
- #19 Anti-Inflammatory Agents, Non-Steroidal:ti,ab,kw (Word variations have been searched)
- #20 MeSH descriptor: [Glucocorticoids] explode all trees
- #21 Glucocorticoids:ti,ab,kw (Word variations have been searched)
- #22 corticosteroids:ti,ab,kw (Word variations have been searched)
- #23 MeSH descriptor: [Antirheumatic Agents] explode all trees
- #24 Antirheumatic Agents:ti,ab,kw (Word variations have been searched)
- #25 MeSH descriptor: [Acetaminophen] explode all trees
- #26 Acetaminophen:ti,ab,kw (Word variations have been searched)
- #27 Paracetamol:ti,ab,kw (Word variations have been searched)
- #28 symptomatic therapy:ti,ab,kw (Word variations have been searched)
- #29 Analgetics:ti,ab,kw (Word variations have been searched)
- #30 MeSH descriptor: [Analgesia] this term only
- #31 MeSH descriptor: [Dipyrone] explode all trees
- #32 Dipyrone:ti,ab,kw (Word variations have been searched)
- #33 MeSH descriptor: [Analgesics, Opioid] explode all trees
- #34 weak opioids:ti,ab,kw (Word variations have been searched)
- #35 #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34
- #36 #8 and #9 and #35
- #37 MeSH descriptor: [Stomach Ulcer] explode all trees
- #38 Stomach Ulcer:ti,ab,kw (Word variations have been searched)

- #39 MeSH descriptor: [Gastritis] explode all trees
- #40 Gastritis:ti,ab,kw (Word variations have been searched)
- #41 MeSH descriptor: [Acute Kidney Injury] explode all trees
- #42 Acute Kidney Injury:ti,ab,kw (Word variations have been searched)
- #43 MeSH descriptor: [Renal Insufficiency] explode all trees
- #44 Renal Insufficiency:ti,ab,kw (Word variations have been searched)
- #45 renal function:ti,ab,kw (Word variations have been searched)
- #46 MeSH descriptor: [Hypertension] explode all trees
- #47 Hypertension:ti,ab,kw (Word variations have been searched)
- #48 Heart Failure:ti,ab,kw (Word variations have been searched)
- #49 MeSH descriptor: [Heart Failure] explode all trees
- #50 MeSH descriptor: [Coronary Disease] explode all trees
- #51 Coronary Disease:ti,ab,kw (Word variations have been searched)
- #52 MeSH descriptor: [Peripheral Vascular Diseases] explode all trees
- #53 Peripheral Vascular Diseases:ti,ab,kw (Word variations have been searched)
- #54 MeSH descriptor: [Pain] explode all trees
- #55 Pain:ti,ab,kw (Word variations have been searched)
- #56 MeSH descriptor: [Abnormalities, Drug-Induced] explode all trees
- #57 Abnormalities, Drug-Induced:ti,ab,kw (Word variations have been searched)
- #58 adverse effects:ti,ab,kw (Word variations have been searched)
- #59 adverse events:ti,ab,kw (Word variations have been searched)
- #60 MeSH descriptor: [Drug-Related Side Effects and Adverse Reactions] explode all trees
- #61 Drug-Related Side Effects and Adverse Reactions:ti,ab,kw (Word variations have been searched)
- #62 adverse drug events:ti,ab,kw (Word variations have been searched)
- #63 MeSH descriptor: [Long Term Adverse Effects] explode all trees
- #64 Long Term Adverse Effects:ti,ab,kw (Word variations have been searched)
- #65 #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64
- #66 #36 and #65 Publication Year from 2009 to 2017

38 Treffer (5.02.2017)

[Zusatzsuche Medline \(PubMed\) zu Kapitel 3](#)

- #1 Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw] OR Synovitis[mh] OR Synovialitis[tw] OR Monarthritis[tw] OR Oligoarthritis[tw] OR Arthritis[mh:noexp] OR Polyarthritis[tiab] OR non-inflammatory joint pain[tiab] OR noninflammatory arthritis[tiab])
- #2 Physicians, Primary Care[mh] OR Physicians, Primary Care[tiab] OR General Practitioners[mh] OR General Practitioners[tiab] OR general practice physician[tiab]
- #3 Drug therapy[mh] OR Drug therapy[tiab] OR Pain Management[mh] OR Pain Management[tiab] OR methods[tiab] OR methods[mh] OR Antirheumatic agents[mh] OR Antirheumatic agents[tiab] OR Anti-Inflammatory Agents, Non-Steroidal[mh] OR Anti-Inflammatory Agents, Non-Steroidal[tiab] OR Glucocorticoids[mh] OR Glucocorticoids[tiab]

OR corticosteroids[tiab] OR Antirheumatic Agents[mh] OR Antirheumatic Agents[tiab] OR Acetaminophen[mh] OR Acetaminophen[tiab] OR Paracetamol[tiab] OR symptomatic therapy[tiab] OR Analgetics[tiab] OR Analgesia[majr] OR Dipyrone[mh] OR Dipyrone[tiab] OR Analgesics, Opioid[mh] OR weak opioids[tiab] OR DMARD*[tiab] OR dmards rheumatoid arthritis[tiab] OR dmards therapy[tiab] OR Organogold Compounds[mh] OR Methotrexate[mh] OR Methotrexate[tiab] OR Sulfasalazine[mh] OR Sulfasalazine[tiab] OR Leflunomide[mh] OR Leflunomide[tiab] OR Glucocorticoids[mh] OR Glucocorticoids[tiab] OR Tumor Necrosis Factors[mh] OR Tumor Necrosis Factors[tiab] OR Tumor Necrosis Factors Inhibitor[tiab] OR Inhibitor[tiab] OR therapy start[tw] OR synthetic dmards[tiab] OR conventional synthetic dmards[tiab] OR targeted therapy[tiab] OR Molecular Targeted Therapy[mh] OR biologic dmards[tiab] OR sulfasalazine rheumatoid[tiab] OR Hydroxychloroquine[mh] OR Janus kinases inhibitors[tiab] OR recombinant human tumor necrosis factor-binding protein-1[mh] OR interleukin 6 inhibitors[tiab]

#4 #1 AND #2 AND #3

#5 #1 AND #2 AND #3 Filters: English, German

#6 #1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7 ((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8 #6 AND #7

31 Treffer (18.01.2017)

Ergänzende Suche zu Kapitel 3 (nach Suchstrategie Question 1 - Recognition of arthritis and referral to a medical specialist aus: Daïen CI et al. (2017) Non-pharmacological and pharmacological interventions in patients with early arthritis: a systematic literature review informing the 2016 update of EULAR recommendations for the management of early arthritis. RMD Open 3: e000404)

Fragen:

- a) Can the recognition of arthritis by general practitioners (GPs) be trained, and if yes: how?
- b) Which diagnostics should a GP perform in a patient with early arthritis?
- c) How to recognize early arthritis (by the GP)?
- d) Should all patients with early arthritis be referred to a medical specialist for further diagnosis and treatment? Or only patients with specific features (> 1 joint, rheumatoid factor positive)
- e) How early should patients with arthritis be referred to a medical specialist? Or how early a patient with arthritis needs to be seen by the specialist?

Medline (Ovid)

exp Arthritis, Rheumatoid/
exp early diagnosis/
1 and 2
exp Arthritis, Rheumatoid/ and (early or recent).tw.
((early or recent\$ or undifferentiated or persistent or unclassified) adj3 arthritis).tw.
or/3-5
exp "Referral and Consultation"/
exp Mass Screening/
Physicians, Primary Care/
exp Primary Health Care/
General Practitioners/
Triage/
Population Surveillance/mt [Methods]
exp "Predictive Value of Tests"/
Primary Care.tw.
General Practitioner\$.tw.
screen\$.tw.
refer\$.tw.
case finding.tw.
consult\$.tw.
or/7-20
6 and 21
(sensitiv: or diagnos:).mp. or di.fs.
6 and 23
22 or 24
exp animals/ not humans.sh.
25 not 26
limit 27 to "all adult (19 plus years)"
limit 28 to yr="2010 -Current"

1404 Treffer (15.03.2017)

Cochrane Suchstrategie

- #1 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #2 MeSH descriptor: [Early Diagnosis] explode all trees
- #3 #1 and #2
- #4 (early or recent):ti,ab,kw (Word variations have been searched)
- #5 #1 and #4
- #6 ((early or recent* or undifferentiated or persistent or unclassified) near/3 arthritis):ti,ab,kw (Word variations have been searched)
- #7 #3 or #5 or #6
- #8 MeSH descriptor: [Referral and Consultation] explode all trees
- #9 MeSH descriptor: [Mass Screening] explode all trees
- #10 MeSH descriptor: [Physicians, Primary Care] this term only

- #11 MeSH descriptor: [Primary Health Care] explode all trees
- #12 MeSH descriptor: [General Practitioners] this term only
- #13 MeSH descriptor: [Triage] this term only
- #14 MeSH descriptor: [Population Surveillance] this term only
- #15 MeSH descriptor: [Predictive Value of Tests] explode all trees
- #16 Primary Care:ti,ab,kw (Word variations have been searched)
- #17 General Practitioner*:ti,ab,kw (Word variations have been searched)
- #18 screen*:ti,ab,kw (Word variations have been searched)
- #19 refer*:ti,ab,kw (Word variations have been searched)
- #20 case finding:ti,ab,kw (Word variations have been searched)
- #21 consult*:ti,ab,kw (Word variations have been searched)
- #22 #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21
- #23 #7 and #22
- #24 (sensitiv* or diagnos*):ti,ab,kw (Word variations have been searched)
- #25 MeSH descriptor: [Diagnosis] explode all trees
- #26 #24 or #25
- #27 #7 and #26
- #28 #23 or #27 Publication Year from 2009 to 2017

442 Treffer (15.03.2017)

Kapitel 4.2 (Suchstrategie Question 2-5: Diagnosis, Prognosis, Classification übernommen von Hua C et al (2017) Diagnosis, prognosis and classification of early arthritis: results of a systematic review informing the 2016 update of the EULAR recommendations for the management of early arthritis. RMD Open 3: e000406)

Frage: Ändert die frühe Therapieintervention das Outcome bei früher RA oder nicht?

Suchstrategie Medline (Ovid)

Arthritis, Rheumatoid/
 exp Early Diagnosis/
 1 and 2
 Arthritis, Rheumatoid/ and (early or recent).tw.
 ((early or recent\$ or undifferentiated or persistent or unclassified) adj3 arthritis).tw.
 Arthralgia/
 arthralgi\$.tw.
 or/3-7
 (sensitiv: or diagnos:).mp. or di.fs.
 incidence.sh. or exp mortality/
 follow-up studies.sh.
 prognos:.tw.
 predict:.tw.
 course:.tw.
 exp Classification/
 classif\$.tw.

Classification.fs.
or/9-17
8 and 18
exp animals/ not humans.sh.
19 not 20
limit 21 to (english language and humans and yr="2009 -Current" and "all adult (19 plus years)")

3920 Treffer (14.03.2017)

Cochrane Suchstrategie

- #1 MeSH descriptor: [Early Diagnosis] explode all trees
- #2 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #3 #1 and #2
- #4 (early or recent):ti,ab,kw (Word variations have been searched)
- #5 #1 and #4
- #6 ((early or recent* or undifferentiated or persistent or unclassified) near/3 arthritis):ti,ab,kw (Word variations have been searched)
- #7 MeSH descriptor: [Arthralgia] explode all trees
- #8 arthralgi*:ti,ab,kw (Word variations have been searched)
- #9 #3 or #5 or #6 or #7 or #8
- #10 (sensitiv* or diagnos*):ti,ab,kw (Word variations have been searched)
- #11 MeSH descriptor: [Diagnosis] explode all trees
- #12 MeSH descriptor: [Incidence] this term only
- #13 MeSH descriptor: [Mortality] explode all trees
- #14 MeSH descriptor: [Follow-Up Studies] this term only
- #15 prognos*:ti,ab,kw (Word variations have been searched)
- #16 predict*:ti,ab,kw (Word variations have been searched)
- #17 course*:ti,ab,kw (Word variations have been searched)
- #18 MeSH descriptor: [Classification] explode all trees
- #19 classif*:ti,ab,kw (Word variations have been searched)
- #20 MeSH descriptor: [Classification] explode all trees
- #21 #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20
- #22 #9 and #21 Publication Year from 2009 to 2017

3271 Treffer (14.03.2017)

Kapitel 4.3

Frage zu Kapitel 4.3: Verbessert bei Patienten mit früher rheumatoider Arthritis eine ambulante oder stationäre multidisziplinäre Behandlung das Outcome?

Population

adult patients with RA

Intervention

outpatient / inpatient multidisciplinary care / rehabilitation, spa, nurse specialist

Control

routine treatment, usual care

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw. FFbH, Arbeitsunfähigkeit = sick leave, absenteeism, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment), health related quality of life (QoL).

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Outpatients[mh] OR Inpatients[mh] OR inpatient multidisplicinary care[tiab] OR Exercise Therapy[mh] OR rehabilitation[mh:noexp] OR Ambulatory Care[mh] OR Nursing Care[mh] OR Nurse Clinicians[mh] OR Interdisciplinary Communication[mh] OR routine treatment[tiab] OR usual care[tiab] OR SPA[tiab]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism [mh] OR disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

88 Treffer (14.01.2017)

Cochrane Suchstrategie

- #1 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #2 arthritis rheumatoid:ti,ab,kw (Word variations have been searched)
- #3 #1 or #2
- #4 MeSH descriptor: [Outpatients] explode all trees
- #5 MeSH descriptor: [Inpatients] explode all trees
- #6 MeSH descriptor: [Exercise Therapy] explode all trees
- #7 MeSH descriptor: [Rehabilitation] explode all trees
- #8 MeSH descriptor: [Ambulatory Care] explode all trees
- #9 MeSH descriptor: [Nursing Care] explode all trees
- #10 MeSH descriptor: [Nurse Clinicians] explode all trees
- #11 MeSH descriptor: [Interdisciplinary Communication] explode all trees
- #12 routine treatment:ti,ab,kw (Word variations have been searched)
- #13 usual care:ti,ab,kw (Word variations have been searched)
- #14 SPA:ti,ab,kw (Word variations have been searched)
- #15 #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14
- #16 clinical success:ti,ab,kw (Word variations have been searched)
- #17 functional success:ti,ab,kw (Word variations have been searched)
- #18 MeSH descriptor: [Pain] explode all trees
- #19 Pain:ti,ab,kw (Word variations have been searched)
- #20 Disease Activity Score 28:ti,ab,kw (Word variations have been searched)
- #21 DAS 28:ti,ab,kw (Word variations have been searched)
- #22 joint count:ti,ab,kw (Word variations have been searched)
- #23 28-joint Disease Activity Score:ti,ab,kw (Word variations have been searched)
- #24 MeSH descriptor: [C-Reactive Protein] explode all trees
- #25 crp level:ti,ab,kw (Word variations have been searched)
- #26 Health Assessment Questionnaire Disability Index:ti,ab,kw (Word variations have been searched)
- #27 HAQ:ti,ab,kw (Word variations have been searched)
- #28 health assessment questionnaire:ti,ab,kw (Word variations have been searched)
- #29 Funktionsfragebogen Hannover:ti,ab,kw (Word variations have been searched)
- #30 ffbh:ti,ab,kw (Word variations have been searched)
- #31 Hannover Functional Assessment:ti,ab,kw (Word variations have been searched)
- #32 MeSH descriptor: [Sick Leave] explode all trees
- #33 MeSH descriptor: [Absenteeism] explode all trees
- #34 disability pension:ti,ab,kw (Word variations have been searched)
- #35 MeSH descriptor: [Return to Work] explode all trees
- #36 work disability:ti,ab,kw (Word variations have been searched)
- #37 early retirement:ti,ab,kw (Word variations have been searched)
- #38 MeSH descriptor: [Employment] explode all trees
- #39 employment:ti,ab,kw (Word variations have been searched)
- #40 health related quality of life:ti,ab,kw (Word variations have been searched)
- #41 MeSH descriptor: [Quality of Life] explode all trees

#42 #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41
#43 #3 and #15 and #42 Publication Year from 2009 to 2017

177 Treffer (28.01.2017)

Kapitel 4.4

Frage 1: Which clinical assessment of disease activity (e.g. DAS, SDAI, CDAI...), safety and comorbidities should be done at baseline and repeat at which interval in patients with rheumatoid arthritis? Which are the most useful indexes to evaluate the follow-up?

P: Adult patients with RA

I: Any index, measure or scale used to evaluate disease activity, safety and comorbidities.

C: No standardized documentation and other instruments

O: Remission? LDA? Radiologic progression, SAE reporting, Mortality, CVD

S: Long-term observation studies, RCTs? reviews

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw] OR undifferentiated arthritis[tiab]

#2

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Simple Disease Activity Index[tiab] OR SDAI[tiab] OR Clinical Disease Activity Index[tiab] OR CDAI[tiab] OR comorbidity[mh] OR comorbidities[tiab] OR safety[tiab] OR safe[tiab] OR documentation[mh] OR documentation[tiab]

#3

Remission Induction[mh] OR remission[tiab] OR low disease activity[tiab] OR radiologic progression[tiab] OR serious adverse event[tiab] OR Drug-Related Side Effects and Adverse Reactions[mh] OR SAE reporting[tiab] OR mortality[tiab] OR mortality[mh] OR Cardiovascular Diseases[mh] OR Cardiovascular Diseases[tiab] OR CVD[tiab]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

1127 Treffer (23.01.2017)

Cochrane Suchstrategie

- #1 "rheumatoid arthritis":ti,ab,kw (Word variations have been searched)
- #2 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #3 #1 or #2
- #4 clinical success:ti,ab,kw (Word variations have been searched)
- #5 functional success:ti,ab,kw (Word variations have been searched)
- #6 MeSH descriptor: [Pain] explode all trees
- #7 Pain:ti,ab,kw (Word variations have been searched)
- #8 Disease Activity Score 28:ti,ab,kw (Word variations have been searched)
- #9 DAS 28:ti,ab,kw (Word variations have been searched)
- #10 joint count:ti,ab,kw (Word variations have been searched)
- #11 28-joint Disease Activity Score:ti,ab,kw (Word variations have been searched)
- #12 MeSH descriptor: [C-Reactive Protein] explode all trees
- #13 crp level:ti,ab,kw (Word variations have been searched)
- #14 Health Assessment Questionnaire Disability Index:ti,ab,kw (Word variations have been searched)
- #15 HAQ:ti,ab,kw (Word variations have been searched)
- #16 health assessment questionnaire:ti,ab,kw (Word variations have been searched)
- #17 Funktionsfragebogen Hannover:ti,ab,kw (Word variations have been searched)
- #18 ffbh:ti,ab,kw (Word variations have been searched)
- #19 Hannover Functional Assessment:ti,ab,kw (Word variations have been searched)
- #20 Simple Disease Activity Index:ti,ab,kw (Word variations have been searched)
- #21 SDAI:ti,ab,kw (Word variations have been searched)
- #22 Clinical Disease Activity Index:ti,ab,kw (Word variations have been searched)
- #23 CDAI:ti,ab,kw (Word variations have been searched)
- #24 MeSH descriptor: [Comorbidity] explode all trees
- #25 comorbidities:ti,ab,kw (Word variations have been searched)

- #26 safety:ti,ab,kw (Word variations have been searched)
- #27 safe:ti,ab,kw (Word variations have been searched)
- #28 MeSH descriptor: [Documentation] explode all trees
- #29 documentation:ti,ab,kw (Word variations have been searched)
- #30 #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29
- #31 MeSH descriptor: [Remission Induction] explode all trees
- #32 remission:ti,ab,kw (Word variations have been searched)
- #33 low disease activity:ti,ab,kw (Word variations have been searched)
- #34 radiologic progression:ti,ab,kw (Word variations have been searched)
- #35 serious adverse event:ti,ab,kw (Word variations have been searched)
- #36 MeSH descriptor: [Drug-Related Side Effects and Adverse Reactions] explode all trees
- #37 SAE reporting:ti,ab,kw (Word variations have been searched)
- #38 mortality:ti,ab,kw (Word variations have been searched)
- #39 MeSH descriptor: [Mortality] explode all trees
- #40 MeSH descriptor: [Cardiovascular Diseases] explode all trees
- #41 Cardiovascular Diseases:ti,ab,kw (Word variations have been searched)
- #42 CVD:ti,ab,kw (Word variations have been searched)
- #43 #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42
- #44 #3 and #30 and #43 Publication Year from 2009 to 2017

1135 Treffer (27.01.2017)

Kapitel 4.5

Frage 1: Verbessert bei Patienten mit früher rheumatoider Arthritis ein strategisches Vorgehen im Vergleich zur Standardtherapie das Outcome?

Population

adult patients with RA

Intervention

targeted use of Glucocorticoids, cDMARDs or bDMARDs

Control

routine treatment

Outcome

predefined parameter that serve as a surrogates for clinical, functional or radiographic success (e.g. pain, DAS-28, joint count, CRP level, mTSS, HAQ bzw FFbH)

RCTs in deutsch oder englisch

Suchstrategie Medline (PubMed)

#1 Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw]

#2 targeted use[tiab] OR treat to target[tiab] OR targeted therapy[tiab] OR treat-to-target[tiab] OR routine treatment[tiab]

#3 Methotrexate[mh:noexp] OR Methotrexate[tiab] OR Isoxazoles[mh] OR isoxazole[tiab] OR leflunomide[tiab] OR Sulfasalazine[mh:noexp] OR sulfasalazine[tiab] OR Hydroxychloroquine[mh:noexp] OR Hydroxychloro[tiab] OR Gold Compounds[mh] OR

Organogold Compounds[mh] OR gold[tiab] OR Chloroquine[mh] OR chloroquine[tiab] OR Azathioprine[mh:noexp] OR azathioprine[tiab] OR Cyclosporins[mh] OR cyclosporine[tiab] OR Penicillamine[mh] OR Penicillamine[tiab] OR Cyclophosphamide[mh] OR Mycophenolic Acid[mh:noexp] OR mycophenolate[tiab] OR Chlorambucil[mh] OR chlorambucil[tiab] OR Minocycline[mh:noexp] OR minocycline[tiab] OR dmard[tiab] OR antirheumatic drugs, disease modifying[mh] OR Biological Therapy[mh] OR biologic[tw] OR infliximab[tw] OR remicade[tw] OR etanercept[tw] OR Enbrel[tw] OR adalimumab[tw] OR humira[tw] OR abatacept[tw] OR orenicia[tw] OR rituximab[tw] OR mabthera[tw] OR anakinra[tw] OR kineret[tw] OR tocilizumab[tw] OR roactemra[tw] OR golimumab[tw] OR certolizumab[tw] OR cimzia[tw] OR Antirheumatic Agents[mh:noexp] OR Antirheumatic[tiab]

#4 clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism [mh] OR disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#5 #1 AND #2 AND #3 AND #4

#6 #1 AND #2 AND #3 AND #4 Filters: English, German

#7 #1 AND #2 AND #3 AND #4 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#8 ((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#9 #7 AND #8

33 Treffer (23.01.2017)

Cochrane Suchstrategie

- #1 arthritis rheumatoid:ti,ab,kw (Word variations have been searched)
- #2 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #3 #1 or #2
- #4 targeted use:ti,ab,kw (Word variations have been searched)
- #5 treat to target:ti,ab,kw (Word variations have been searched)
- #6 targeted therapy:ti,ab,kw (Word variations have been searched)
- #7 routine treatment:ti,ab,kw (Word variations have been searched)
- #8 #4 or #5 or #6 or #7
- #9 MeSH descriptor: [Methotrexate] explode all trees
- #10 Methotrexate:ti,ab,kw (Word variations have been searched)

- #11 MeSH descriptor: [Isoxazoles] explode all trees
- #12 isoxazole:ti,ab,kw (Word variations have been searched)
- #13 leflunomide:ti,ab,kw (Word variations have been searched)
- #14 MeSH descriptor: [Sulfasalazine] explode all trees
- #15 sulfasalazine:ti,ab,kw (Word variations have been searched)
- #16 MeSH descriptor: [Hydroxychloroquine] explode all trees
- #17 MeSH descriptor: [Gold Compounds] explode all trees
- #18 MeSH descriptor: [Organogold Compounds] explode all trees
- #19 gold:ti,ab,kw (Word variations have been searched)
- #20 MeSH descriptor: [Chloroquine] explode all trees
- #21 chloroquine:ti,ab,kw (Word variations have been searched)
- #22 MeSH descriptor: [Azathioprine] explode all trees
- #23 azathioprine:ti,ab,kw (Word variations have been searched)
- #24 MeSH descriptor: [Cyclosporins] explode all trees
- #25 cyclosporine:ti,ab,kw (Word variations have been searched)
- #26 MeSH descriptor: [Penicillamine] explode all trees
- #27 Penicillamine:ti,ab,kw (Word variations have been searched)
- #28 MeSH descriptor: [Cyclophosphamide] explode all trees
- #29 MeSH descriptor: [Mycophenolic Acid] explode all trees
- #30 mycophenolate:ti,ab,kw (Word variations have been searched)
- #31 MeSH descriptor: [Chlorambucil] explode all trees
- #32 chlorambucil:ti,ab,kw (Word variations have been searched)
- #33 MeSH descriptor: [Minocycline] explode all trees
- #34 minocycline:ti,ab,kw (Word variations have been searched)
- #35 dmard:ti,ab,kw (Word variations have been searched)
- #36 MeSH descriptor: [Antirheumatic Agents] explode all trees
- #37 MeSH descriptor: [Biological Therapy] explode all trees
- #38 biologic:ti,ab,kw (Word variations have been searched)
- #39 infliximab:ti,ab,kw (Word variations have been searched)
- #40 remicade:ti,ab,kw (Word variations have been searched)
- #41 etanercept:ti,ab,kw (Word variations have been searched)
- #42 Enbrel:ti,ab,kw (Word variations have been searched)
- #43 adalimumab:ti,ab,kw (Word variations have been searched)
- #44 humira:ti,ab,kw (Word variations have been searched)
- #45 abatacept:ti,ab,kw (Word variations have been searched)
- #46 orenzia:ti,ab,kw (Word variations have been searched)
- #47 rituximab:ti,ab,kw (Word variations have been searched)
- #48 mabthera:ti,ab,kw (Word variations have been searched)
- #49 anakinra:ti,ab,kw (Word variations have been searched)
- #50 kineret:ti,ab,kw (Word variations have been searched)
- #51 tocilizumab:ti,ab,kw (Word variations have been searched)
- #52 roactemra:ti,ab,kw (Word variations have been searched)
- #53 golimumab:ti,ab,kw (Word variations have been searched)
- #54 certolizumab:ti,ab,kw (Word variations have been searched)
- #55 cimzia:ti,ab,kw (Word variations have been searched)
- #56 MeSH descriptor: [Antirheumatic Agents] explode all trees
- #57 Antirheumatic:ti,ab,kw (Word variations have been searched)

#58 #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52 or #53 or #54 or #55 or #56 or #57

#59 clinical success:ti,ab,kw (Word variations have been searched)

#60 functional success:ti,ab,kw (Word variations have been searched)

#61 MeSH descriptor: [Pain] explode all trees

#62 Pain:ti,ab,kw (Word variations have been searched)

#63 Disease Activity Score 28:ti,ab,kw (Word variations have been searched)

#64 DAS 28:ti,ab,kw (Word variations have been searched)

#65 joint count:ti,ab,kw (Word variations have been searched)

#66 28-joint Disease Activity Score:ti,ab,kw (Word variations have been searched)

#67 C-Reactive Protein:ti,ab,kw (Word variations have been searched)

#68 MeSH descriptor: [C-Reactive Protein] explode all trees

#69 crp level:ti,ab,kw (Word variations have been searched)

#70 Health Assessment Questionnaire Disability Index:ti,ab,kw (Word variations have been searched)

#71 HAQ:ti,ab,kw (Word variations have been searched)

#72 health assessment questionnaire:ti,ab,kw (Word variations have been searched)

#73 Funktionsfragebogen Hannover:ti,ab,kw (Word variations have been searched)

#74 ffbh:ti,ab,kw (Word variations have been searched)

#75 Hannover Functional Assessment:ti,ab,kw (Word variations have been searched)

#76 MeSH descriptor: [Sick Leave] explode all trees

#77 MeSH descriptor: [Absenteeism] explode all trees

#78 disability pension:ti,ab,kw (Word variations have been searched)

#79 MeSH descriptor: [Return to Work] explode all trees

#80 work disability:ti,ab,kw (Word variations have been searched)

#81 early retirement:ti,ab,kw (Word variations have been searched)

#82 MeSH descriptor: [Employment] explode all trees

#83 employment:ti,ab,kw (Word variations have been searched)

#84 health related quality of life:ti,ab,kw (Word variations have been searched)

#85 MeSH descriptor: [Quality of Life] explode all trees

#86 #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69 or #70 or #71 or #72 or #73 or #74 or #75 or #76 or #77 or #78 or #79 or #80 or #81 or #82 or #83 or #84 or #85

#87 #3 and #8 and #58 and #86 Publication Year from 2009 to 2017

214 Treffer (28.01.2017)

Kapitel 5.2 + 5.3

Fragen zu Kapitel 5.2: Symptomatische medikamentöse Therapie

Verbessert bei Patienten mit früher rheumatoider Arthritis die Gabe von NSAR oder Coxiben die Gelenkschmerzen – und funktion?

Wie sind die Substanzen im Verlauf der Erkrankung einzusetzen?

Gibt es Unterschiede in der Nutzen-Risiko Relation zwischen den klassischen NSAR und den Coxiben?

Population: Patienten mit früher rheumatoider Arthritis

Intervention: Einsatz von klassischen NSRA und Coxiben

Control: a) Placebo

b) Vergleich zwischen den einzelnen Substanzen

Outcome: Messung des Therapieerfolges wie pain reduction, pain relief, VAS, joint function, Range of motion, modified Health, Assessment Questionnaire, mHAQ adverse effects, GI tolerability)

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Anti-Inflammatory Agents, Non-Steroidal[mh] OR cox 2 inhibitors[mh] OR Celecoxib[mh] OR Etoricoxib[tiab] OR Lumiracoxib[tiab] OR Diclofenac[mh] OR rofecoxib[tiab] OR parecoxib[tiab] OR lysine salicylate[mh] OR acid, acetylsalicylic[mh] OR Indomethacin[mh] OR acemetacin[mh] OR ibuprofen[mh] OR Ketoprofen[mh] OR Naproxen[mh] OR Piroxicam OR Meloxicam[tiab] OR Placebo[mh] OR Placebo[tiab] OR sham treatment[mh]

#3

Pain Management[mh] OR pain reduction[tiab] OR pain relief[tiab] OR Visual Analog Scale[mh] OR joint function[tiab] OR Range of Motion, Articular[mh] OR Health Assessment Questionnaire[tiab] OR modified Health Assessment Questionnaire[tiab] OR adverse effects[mh] OR adverse effects[tiab] OR Gastrointestinal Tolerance[tiab] OR GI tolerability[tiab]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

243 Treffer (8.01.2017)

Fragen zu Kapitel 5.3: Analgetika

Verbessert bei Patienten mit früher rheumatoider Arthritis die Gabe von Analgetika die Gelenkschmerzen – und funktion?

Wie und wann sind die Substanzen im Verlauf der Erkrankung einzusetzen?

Welche Analgetika sollten verabreicht werden? Kombinationstherapie?

Population: Patienten mit früher rheumatoider Arthritis

Intervention: Einsatz der unterschiedlichen Analgetika (Nicht-Opioide, Opioide

Control: a) Placebo

b) Vergleich der einzelnen Substanzen

Outcome: Messung des Therapieerfolges wie pain reduction, pain relief, VAS, joint function, Range of motion, modified Health, Assessment Questionnaire, mHAQ adverse effects)

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Analgesics, Opioid[mh] OR analgesics[mh] OR Acetaminophen[mh] OR Paracetamol[tiab] OR Metamizol[tiab] OR Dipyron[mh] OR flupirtine[mh] OR flupirtine[tiab] OR aspirin, codeine drug combination[mh] OR Tramadol[mh] OR Tramadol[tiab] OR Morphine[mh] OR Fentanyl[mh] OR Fentanyl[tiab] OR Oxycodone[mh] OR Oxycodone[tiab] OR Buprenorphine[mh] Placebo[mh] OR Placebo[tiab] OR sham treatment[mh]

#3

Pain Management[mh] OR pain reduction[tiab] OR pain relief[tiab] OR Visual Analog Scale[mh] OR joint function[tiab] OR Range of Motion, Articular[mh] OR Health Assessment Questionnaire[tiab] OR modified Health Assessment Questionnaire[tiab] OR adverse effects[mh] OR adverse effects[tiab] OR Gastrointestinal Tolerance[tiab] OR GI tolerability[tiab]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR

Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

183 Treffer (8.01.2017)

Cochrane Suchstrategie (Kap. 5.2 + 5.3)

- #1 arthritis rheumatoid:ti,ab,kw (Word variations have been searched)
- #2 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #3 #1 or #2
- #4 MeSH descriptor: [Analgesics, Opioid] explode all trees
- #5 MeSH descriptor: [Analgesics] explode all trees
- #6 MeSH descriptor: [Acetaminophen] explode all trees
- #7 Paracetamol:ti,ab,kw (Word variations have been searched)
- #8 Metamizol:ti,ab,kw (Word variations have been searched)
- #9 MeSH descriptor: [Dipyrone] explode all trees
- #10 flupirtine:ti,ab,kw (Word variations have been searched)
- #11 aspirin, codeine drug combination:ti,ab,kw (Word variations have been searched)
- #12 MeSH descriptor: [Tramadol] explode all trees
- #13 Tramadol:ti,ab,kw (Word variations have been searched)
- #14 Morphine:ti,ab,kw (Word variations have been searched)
- #15 MeSH descriptor: [Fentanyl] explode all trees
- #16 Fentanyl:ti,ab,kw (Word variations have been searched)
- #17 MeSH descriptor: [Oxycodone] explode all trees
- #18 Oxycodone:ti,ab,kw (Word variations have been searched)
- #19 MeSH descriptor: [Buprenorphine] explode all trees
- #20 MeSH descriptor: [Anti-Inflammatory Agents, Non-Steroidal] explode all trees
- #21 MeSH descriptor: [Cyclooxygenase 2 Inhibitors] explode all trees
- #22 MeSH descriptor: [Celecoxib] explode all trees
- #23 Etoricoxib:ti,ab,kw (Word variations have been searched)
- #24 Lumiracoxib:ti,ab,kw (Word variations have been searched)
- #25 MeSH descriptor: [Diclofenac] explode all trees
- #26 rofecoxib:ti,ab,kw (Word variations have been searched)
- #27 parecoxib:ti,ab,kw (Word variations have been searched)
- #28 lysine salicylate:ti,ab,kw (Word variations have been searched)
- #29 MeSH descriptor: [Aspirin] explode all trees
- #30 MeSH descriptor: [Indomethacin] explode all trees
- #31 acemetacin:ti,ab,kw (Word variations have been searched)
- #32 MeSH descriptor: [Ibuprofen] explode all trees
- #33 MeSH descriptor: [Ketoprofen] explode all trees
- #34 MeSH descriptor: [Naproxen] explode all trees
- #35 Piroxicam or Meloxicam:ti,ab,kw (Word variations have been searched)
- #36 MeSH descriptor: [Placebos] explode all trees
- #37 Placebo:ti,ab,kw (Word variations have been searched)

- #38 #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37
- #39 MeSH descriptor: [Pain Management] explode all trees
- #40 pain reduction:ti,ab,kw (Word variations have been searched)
- #41 pain relief:ti,ab,kw (Word variations have been searched)
- #42 MeSH descriptor: [Visual Analog Scale] explode all trees
- #43 joint function:ti,ab,kw (Word variations have been searched)
- #44 MeSH descriptor: [Range of Motion, Articular] explode all trees
- #45 Health Assessment Questionnaire:ti,ab,kw (Word variations have been searched)
- #46 modified Health Assessment Questionnaire:ti,ab,kw (Word variations have been searched)
- #47 MeSH descriptor: [Drug-Related Side Effects and Adverse Reactions] explode all trees
- #48 adverse effects:ti,ab,kw (Word variations have been searched)
- #49 Gastrointestinal Tolerance:ti,ab,kw (Word variations have been searched)
- #50 GI tolerability:ti,ab,kw (Word variations have been searched)
- #51 #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50
- #52 #3 and #38 and #51 Publication Year from 2009 to 2017

622 Treffer (25.01.2017)

Kapitel 6.1-6.4

Fragen zu Kapitel 6.1: Verbessert bei Patienten mit früher rheumatoider Arthritis Bewegungstherapie (inkl. Krankengymnastik und Traingstherapie) das Outcome?

Population

adult patients with RA

Intervention

physiotherapy, exercise

Control

routine treatment

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw FFbH, Arbeitsunfähigkeit = sick leave, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment).

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Physical Therapy Specialty[mh] OR Physical Therapy Modalities[mh] OR physiotherapy[tiab] OR Exercise[mh] OR exercise[tiab] OR routine treatment[tiab] OR usual care[tiab]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism[mh] disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

68 Treffer (14.01.2017)

Verbessern bei Patienten mit früher rheumatoider Arthritis Hydro-/Thermotherapie (Bäder, verschiedene Formen der Kälte- und Wärmeapplikationen) das Outcome?

Population

adult patients with RA

Intervention

thermotherapy, cryotherapy, cold packs, hot packs, fango, baths, parafin

Control

routine treatment

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw FFbH, Arbeitsunfähigkeit = sick leave, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment).

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Hydrotherapy[mh] OR Balneology[mh] OR thermotherapy[tiab] OR cryotherapy[tiab] OR Cryotherapy[mh] OR cold Packs[tiab] OR hot Packs[tiab] OR Mud Therapy[mh] OR fango[tiab] OR bath[tiab] OR paraffin[tiab] OR routine treatment[tiab] OR usual care[tiab]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism[mh] disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

19 Treffer (15.01.2017)

Verbessert bei Patienten mit früher rheumatoider Arthritis Massage das Outcome?

Population

adult patients with RA

Intervention

massage, lymphatic drainage

Control

routine treatment

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw FFbH, Arbeitsunfähigkeit = sick leave, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment).

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Massage[mh] OR massage[tiab] OR lymphatic drainage[tiab] OR routine treatment[tiab] OR usual care[tiab]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism[mh] disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

14 Treffer (15.01.2017)

Verbessert bei Patienten mit früher rheumatoider Arthritis Elektrotherapie (inkl. TENS sowie andere Formen der Gleich- und Wechselstromtherapie) das Outcome?

Population

adult patients with RA

Intervention

electrotherapy, TENS, stanger bath, galvanic bath/treatment

Control

routine treatment, sham treatment

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw FFbH, Arbeitsunfähigkeit = sick leave, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment).

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Electric Stimulation Therapy[mh] OR electrotherapy[tiab] OR Transcutaneous Electric Nerve Stimulation[mh] OR TENS[tiab] OR transcutaneous electrical nerve stimulation[tiab] OR Hydrotherapy[mh] OR Balneology[mh] OR Mud Therapy[mh] OR stanger bath[tiab] OR routine treatment[tiab] OR usual care[tiab] OR sham treatment[mh] OR galvanic bath[tw] OR galvanic treatment[tw]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism[mh] disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR

trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

18 Treffer (15.01.2017)

Verbessert bei Patienten mit früher rheumatoider Arthritis Ultraschalltherapie das Outcome?

Population

adult patients with RA

Intervention

Ultrasound therapy

Control

routine treatment, usual care, sham treatment

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw FFbH, Arbeitsunfähigkeit = sick leave, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment).

[Suchstrategie Medline \(PubMed\)](#)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Ultrasonic Therapy[mh] OR Ultrasound therapy[tiab] OR ultrasonic therapy[tiab] OR routine treatment[tiab] OR usual care[tiab] OR sham treatment[mh]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism[mh] disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

16 Treffer (15.01.2017)

Verbessert bei Patienten mit früher rheumatoider Arthritis Lasertherapie das Outcome?

Population

adult patients with RA

Intervention

laser therapy/-treatment

Control

routine treatment, usual care, sham treatment

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw FFbH, Arbeitsunfähigkeit = sick leave, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment).

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Laser Therapy[mh] OR laser therapy[tiab] OR laser treatment[tiab] OR routine treatment[tiab] OR usual care[tiab] OR sham treatment[mh]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism[mh] disability pension[tiab] OR Return

to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

16 Treffer (15.01.2017)

Frage zu Kapitel 6.2: Verbessert bei Patienten mit früher rheumatoider Arthritis selbständig durchgeführte Bewegungsaktivität (inkl. sportliche Aktivität) das Outcome?

Population

adult patients with RA

Intervention

physical activity, sports, exercise

Control

routine treatment, usual care

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw FFbH, Arbeitsunfähigkeit = sick leave, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment).

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Motor Activity[mh] OR physical activity[tiab] OR Sports[mh] OR sports[tiab] OR Exercise[mh] OR exercise[tiab] OR routine treatment[tiab] OR usual care[tiab]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism[mh] disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

93 Treffer (14.01.2017)

Frage zu Kapitel 6.3: Verbessert bei Patienten mit früher rheumatoider Arthritis Ergotherapie das Outcome?

Population

adult patients with RA

Intervention

occupational therapy, splints, work place adaptation

Control

routine treatment, usual care

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw FFbH, Arbeitsunfähigkeit = sick leave, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment).

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Occupational Therapy[mh] OR Occupational therapy[tiab] OR splints[tiab] OR Splints[mh] OR Workplace[mh] OR workplace adaption[tiab] OR workplace[tiab] OR routine treatment[tiab] OR usual care[tiab]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism[mh] disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

36 Treffer (14.01.2017)**[Cochrane Suchstrategie \(Kap. 6.1, 6.2, 6.3\)](#)**

- #1 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #2 Arthritis Rheumatoid:ti,ab,kw (Word variations have been searched)
- #3 Physical Therapy Specialty:ti,ab,kw (Word variations have been searched)
- #4 MeSH descriptor: [Physical Therapy Modalities] explode all trees
- #5 physiotherapy:ti,ab,kw (Word variations have been searched)
- #6 MeSH descriptor: [Exercise] explode all trees
- #7 exercise:ti,ab,kw (Word variations have been searched)

- #8 routine treatment:ti,ab,kw (Word variations have been searched)
- #9 usual care:ti,ab,kw (Word variations have been searched)
- #10 MeSH descriptor: [Hydrotherapy] explode all trees
- #11 MeSH descriptor: [Balneology] explode all trees
- #12 thermotherapy:ti,ab,kw (Word variations have been searched)
- #13 cryotherapy:ti,ab,kw (Word variations have been searched)
- #14 MeSH descriptor: [Cryotherapy] explode all trees
- #15 cold Packs:ti,ab,kw (Word variations have been searched)
- #16 hot Packs:ti,ab,kw (Word variations have been searched)
- #17 MeSH descriptor: [Mud Therapy] explode all trees
- #18 fango:ti,ab,kw (Word variations have been searched)
- #19 bath:ti,ab,kw (Word variations have been searched)
- #20 paraffin:ti,ab,kw (Word variations have been searched)
- #21 MeSH descriptor: [Massage] explode all trees
- #22 massage:ti,ab,kw (Word variations have been searched)
- #23 lymphatic drainage:ti,ab,kw (Word variations have been searched)
- #24 MeSH descriptor: [Electric Stimulation Therapy] explode all trees
- #25 electrotherapy:ti,ab,kw (Word variations have been searched)
- #26 MeSH descriptor: [Transcutaneous Electric Nerve Stimulation] explode all trees
- #27 TENS:ti,ab,kw (Word variations have been searched)
- #28 transcutaneous electrical nerve stimulation:ti,ab,kw (Word variations have been searched)
- #29 MeSH descriptor: [Hydrotherapy] explode all trees
- #30 stanger bath:ti,ab,kw (Word variations have been searched)
- #31 MeSH descriptor: [Placebos] explode all trees
- #32 galvanic bath:ti,ab,kw (Word variations have been searched)
- #33 galvanic treatment:ti,ab,kw (Word variations have been searched)
- #34 MeSH descriptor: [Ultrasonic Therapy] explode all trees
- #35 Ultrasound therapy:ti,ab,kw (Word variations have been searched)
- #36 ultrasonic therapy:ti,ab,kw (Word variations have been searched)
- #37 MeSH descriptor: [Laser Therapy] explode all trees
- #38 laser therapy:ti,ab,kw (Word variations have been searched)
- #39 laser treatment:ti,ab,kw (Word variations have been searched)
- #40 MeSH descriptor: [Motor Activity] explode all trees
- #41 physical activity:ti,ab,kw (Word variations have been searched)
- #42 MeSH descriptor: [Sports] explode all trees
- #43 sports:ti,ab,kw (Word variations have been searched)
- #44 MeSH descriptor: [Exercise] explode all trees
- #45 exercise:ti,ab,kw (Word variations have been searched)
- #46 MeSH descriptor: [Occupational Therapy] explode all trees
- #47 Occupational therapy:ti,ab,kw (Word variations have been searched)
- #48 splints:ti,ab,kw (Word variations have been searched)
- #49 MeSH descriptor: [Splints] explode all trees
- #50 MeSH descriptor: [Workplace] explode all trees
- #51 workplace adaption:ti,ab,kw (Word variations have been searched)
- #52 workplace:ti,ab,kw (Word variations have been searched)
- #53 #1 or #2

#54 #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35 or #36 or #37 or #38 or #39 or #40 or #41 or #42 or #43 or #44 or #45 or #46 or #47 or #48 or #49 or #50 or #51 or #52

#55 clinical success:ti,ab,kw (Word variations have been searched)

#56 functional success:ti,ab,kw (Word variations have been searched)

#57 MeSH descriptor: [Pain] explode all trees

#58 Pain:ti,ab,kw (Word variations have been searched)

#59 Disease Activity Score 28:ti,ab,kw (Word variations have been searched)

#60 DAS 28:ti,ab,kw (Word variations have been searched)

#61 joint count:ti,ab,kw (Word variations have been searched)

#62 28-joint Disease Activity Score:ti,ab,kw (Word variations have been searched)

#63 MeSH descriptor: [C-Reactive Protein] explode all trees

#64 crp level:ti,ab,kw (Word variations have been searched)

#65 Health Assessment Questionnaire Disability Index:ti,ab,kw (Word variations have been searched)

#66 HAQ:ti,ab,kw (Word variations have been searched)

#67 health assessment questionnaire:ti,ab,kw (Word variations have been searched)

#68 Funktionsfragebogen Hannover:ti,ab,kw (Word variations have been searched)

#69 ffbh:ti,ab,kw (Word variations have been searched)

#70 Hannover Functional Assessment:ti,ab,kw (Word variations have been searched)

#71 MeSH descriptor: [Sick Leave] explode all trees

#72 MeSH descriptor: [Absenteeism] explode all trees

#73 disability pension:ti,ab,kw (Word variations have been searched)

#74 MeSH descriptor: [Return to Work] explode all trees

#75 work disability:ti,ab,kw (Word variations have been searched)

#76 early retirement:ti,ab,kw (Word variations have been searched)

#77 MeSH descriptor: [Employment] explode all trees

#78 employment:ti,ab,kw (Word variations have been searched)

#79 health related quality of life:ti,ab,kw (Word variations have been searched)

#80 MeSH descriptor: [Quality of Life] explode all trees

#81 #55 or #56 #57 or #58 or #59 or #60 or #61 or #62 or #63 or #64 or #65 or #66 or #67 or #68 or #69 or #70 or #71 or #72 or #73 or #74 or #75 or #76 or #77 or #78 or #79 or #80

#82 #53 and #54 and #81 Publication Year from 2009 to 2017

530 Treffer (26.01.2017)

Fragen zu Kapitel 6.4: Orthopädische Schuhversorgung

Kann die frühzeitige orthopädische Schuhversorgung eine Progression von Vor- und Rückfußdeformitäten verhindern?

In wieweit führt eine Einlagenversorgung zur Schmerzreduktion?

In welcher Weise verringert sich dadurch die Belastung auf den Vorfuß?

Population: Patienten mit früher rheumatoider Arthritis

Intervention: Einsatz von Einlagen (insoles, foot orthoses) oder orthopädischen Schuhen (orthopaedic footwear)

Control: a) Placebo (Keine Einlagen oder orthopädischen Schuhe)

b) Vergleich zwischen den einzelnen Einlagen bzw. Schuhen

Outcome: Messung des Therapieerfolges wie pain reduction, foot function, walking speed, gait parameters, reduction foot deformity (hallux abducto valgus angle)

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Foot Orthoses[mh] OR Foot Orthoses[tiab] OR insoles[tiab] OR orthopaedic footwear[tiab] OR orthopaedic shoes[tiab] OR Placebo[mh] OR Placebo[tiab] OR sham treatment[mh]

#3

Pain Management[mh] OR pain reduction[tiab] OR pain relief[tiab] OR foot function index[tiab] OR foot function[tiab] OR Walking Speed[mh] OR Walking Speed[tiab] OR gait parameters[tiab] OR Foot Deformities[mh] OR Foot Deformities[tiab] OR Hallux Valgus[mh] OR Hallus Valgus[tiab] OR hallux abducto valgus[tiab]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

50 Treffer (8.01.2017)

Cochrane Suchstrategie

#1 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees

#2 arthritis rheumatoid:ti,ab,kw (Word variations have been searched)

#3 MeSH descriptor: [Foot Orthoses] explode all trees

#4 Foot Orthoses:ti,ab,kw (Word variations have been searched)

- #5 insoles:ti,ab,kw (Word variations have been searched)
- #6 orthopaedic footwear:ti,ab,kw (Word variations have been searched)
- #7 orthopaedic shoes:ti,ab,kw (Word variations have been searched)
- #8 MeSH descriptor: [Placebos] explode all trees
- #9 Placebo:ti,ab,kw (Word variations have been searched)
- #10 MeSH descriptor: [Placebos] explode all trees
- #11 #1 or #2
- #12 #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10
- #13 MeSH descriptor: [Pain Management] explode all trees
- #14 pain reduction:ti,ab,kw (Word variations have been searched)
- #15 pain relief:ti,ab,kw (Word variations have been searched)
- #16 foot function index:ti,ab,kw (Word variations have been searched)
- #17 foot function:ti,ab,kw (Word variations have been searched)
- #18 Walking Speed:ti,ab,kw (Word variations have been searched)
- #19 gait parameters:ti,ab,kw (Word variations have been searched)
- #20 MeSH descriptor: [Foot Deformities] explode all trees
- #21 Foot Deformities:ti,ab,kw (Word variations have been searched)
- #22 MeSH descriptor: [Hallux Valgus] explode all trees
- #23 Hallus Valgus:ti,ab,kw (Word variations have been searched)
- #24 hallux abducto valgus:ti,ab,kw (Word variations have been searched)
- #25 #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24
- #26 #11 and #12 and #25 Publication Year from 2009 to 2017

106 Treffer (24.01.2017)

Kapitel 6.5

Fragen zu Kapitel 6.5:

Sind psychologische Interventionen in der Lage, das Outcome von Patienten mit früher rheumatoider Arthritis zusätzlich zur Standardtherapie signifikant zu verbessern?

Welche psychologischen Interventionen besitzen das größte Verbesserungspotential hinsichtlich des Outcomes?

Wie kosteneffektiv sind psychologische Interventionen zur Behandlung der frühen rheumatoiden Arthritis?

Population

Adult patients with rheumatoid arthritis

Intervention

Psychotherapy, psychological intervention, relaxation strategies, cognitive-behavioural psychotherapy, mindfulness, active coping, problem-focused coping, stress management, Psychoeducation, education, educational intervention, psychoeducational intervention

Control/Comparison

Treatment as usual, standard medical treatment

Outcome

Pain, Quality of life, Disability, Coping, Adjustment, acceptance, Cost effectiveness, cost-benefit ratio

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Psychotherapy[mh] OR Interview, Psychological[mh] OR Relaxation Therapy[mh] OR Cognitive Therapy[mh] OR mindfulness[tiab] OR active coping[tiab] OR coping[tiab] OR coping strategies[tiab] OR problem-focused coping[tiab] OR stress management[tiab] OR psychoeducation[tiab] OR Patient Education as Topic[mh] OR Patient education[tiab] OR educational intervention[tiab] OR psychoeducational intervention[tiab] OR standard medical treatment[tiab] OR routine treatment[tiab]

#3

Pain[mh] OR Pain[tiab] OR Quality of Life[mh] OR Disability Evaluation[mh] OR disability[tiab] OR Adaptation, Psychological[mh] OR adjustment[tiab] OR acceptance[tiab] OR Behavior[mh:noexp] OR Cost-Benefit Analysis[mh] OR cost effectiveness[tiab] OR cost-benefit[tiab] OR cost-benefit ratio[tiab] OR cost-benefit analysis[tiab]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

157 Treffer (15.01.2017)

Cochrane Suchstrategie (Kap. 6.5 + 6.6)

- #1 arthritis rheumatoid:ti,ab,kw (Word variations have been searched)
- #2 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #3 #1 or #2
- #4 MeSH descriptor: [Psychotherapy] explode all trees
- #5 MeSH descriptor: [Interview, Psychological] explode all trees
- #6 MeSH descriptor: [Relaxation Therapy] explode all trees
- #7 MeSH descriptor: [Cognitive Therapy] explode all trees
- #8 mindfulness:ti,ab,kw (Word variations have been searched)
- #9 active coping:ti,ab,kw (Word variations have been searched)
- #10 coping:ti,ab,kw (Word variations have been searched)
- #11 coping strategies:ti,ab,kw (Word variations have been searched)
- #12 problem-focused coping:ti,ab,kw (Word variations have been searched)
- #13 stress management:ti,ab,kw (Word variations have been searched)
- #14 psychoeducation:ti,ab,kw (Word variations have been searched)
- #15 MeSH descriptor: [Patient Education as Topic] explode all trees
- #16 Patient education:ti,ab,kw (Word variations have been searched)
- #17 educational intervention:ti,ab,kw (Word variations have been searched)
- #18 psychoeducational intervention:ti,ab,kw (Word variations have been searched)
- #19 standard medical treatment:ti,ab,kw (Word variations have been searched)
- #20 routine treatment:ti,ab,kw (Word variations have been searched)
- #21 #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20
- #22 MeSH descriptor: [Pain] explode all trees
- #23 Pain:ti,ab,kw (Word variations have been searched)
- #24 MeSH descriptor: [Quality of Life] explode all trees
- #25 MeSH descriptor: [Disability Evaluation] explode all trees
- #26 disability:ti,ab,kw (Word variations have been searched)
- #27 MeSH descriptor: [Adaptation, Psychological] explode all trees

- #28 adjustment:ti,ab,kw (Word variations have been searched)
- #29 acceptance:ti,ab,kw (Word variations have been searched)
- #30 MeSH descriptor: [Behavior] this term only
- #31 MeSH descriptor: [Cost-Benefit Analysis] explode all trees
- #32 cost effectiveness:ti,ab,kw (Word variations have been searched)
- #33 cost-benefit:ti,ab,kw (Word variations have been searched)
- #34 cost-benefit ratio:ti,ab,kw (Word variations have been searched)
- #35 cost-benefit analysis:ti,ab,kw (Word variations have been searched)
- #36 #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34 or #35
- #37 #3 and #21 and #36 Publication Year from 2009 to 2017

137 Treffer (26.01.2017)

Kapitel 7

Population/ Patient/ Problem	Intervention	Comparison/ Vergleich	Outcome/Endpunkt
1.Rheumatoide Arthritis oder Inflammatorische Arthritis Oder chronische Polyarthritits 2.Erwachsene (Alter >= 18 Jahre) 3.Männlich, Weiblich oder neutral 4.alle Ethnizitäten	Integrativ Komplementär Alternativ Selbsthilfe Naturopathy/ Naturheilkunde Mind Body Medizin Comprehensive life style modification/ Lebensstilmodifikation Achtsamkeitsbasierte Stressreduktion (MBSR) Relaxation Progressive Muskelentspannung (PMR,PME) Massage Autogenes Training Meditation Hypnose Feldenkrais Shiatsu Qi Gong reiki Tai Ji Meditative movement Yoga Ayurveda, Indische Medizin Anthroposophische Medizin	1.Keine Intervention 2.Standard (Usual) 3.konventionelle 4.Warteliste 5.Placebo 6.Sham (Schein) 7.Randomisierte kontrollierte Studien (RCT) oder Systematische Reviews Oder Metaanalysen	1.Blutwerte (klinische Chemie): -Entzündungsparameter: Blutsenkungsgeschwindigkeit (BSG), C-reaktives Protein (CRP) -Rheumafaktoren -Antikörper: zyklische citrullinierte Peptid (CCP-Antikörper) 2.Gelenk- oder Knochenveränderung: -Synovitiden, -Erosionen, -Tender Points 3.Krankheitsaktivität Remission: -Teilremission -Vollremission 4.Schmerz: -Anlauf-, Bewegungs- oder Ruheschmerz 5.Schwellung 6.Steifigkeit 7.Funktionalität

	<p>Homöopathie</p> <p>Akupunktur/ Akupressur</p> <p>TCM (Traditionelle Chinesische Medizin)</p> <p>Moxibustion</p> <p>Kampo</p> <p>Fasten</p> <p>Vegetarische Ernährung</p> <p>Diät</p> <p>Balneotherapie</p> <p>Hydrotherapie</p> <p>Wet pack (Wickel)/ Overlay (Auflage) Wraps</p> <p>Schröpfen- cupping</p> <p>Neuraltherapie</p> <p>Blutegel – Leeches therapy</p> <p>Kräutertherapie/ Phytotherapie/herbal therapy</p> <p>Ingwer - ginger</p> <p>Knoblauch - garlic</p> <p>Boswellia serrata (Weihrauch) frankincense</p> <p>Harpagophytum Procubens (Teufelskralle) – devil’s claw</p> <p>Tripterygium wilfordii-wilfordii Hook F-Wilfords Dreiflügel Frucht (in Verbindung mit TCM)</p> <p>Populus tremula-Espe (Zitterpappel)</p> <p>Uncaria tomentosa (Katzenkrallen)</p> <p>Tanacetum parthenium (Mutterkraut)</p> <p>Salicis cortex (Weidenrinde) willow bark</p>		<p>(z.B. grip-strength)</p> <p>8.Beweglichkeit</p> <p>9.Rötung</p> <p>10.Hitze/Wärme/ Temperatur</p> <p>11.Lebensqualität</p> <p>12.Psychosoziale Faktoren</p> <p>13. Lebenserwartung</p>
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	<p>Salix purpurea, salix daphnoides</p> <p>Rosa Canina (Hundsrose)</p> <p>Urtica Dioica (Brennnessel) stinging nettle</p> <p>Ganoderma lucidum (Reischi, Ling Zhi, Ling Chih)</p> <p>Capsaicin</p> <p>Phytodolor</p> <p>Rheumalex</p> <p>Cannabis</p> <p>Chinesische Kräuter</p> <p>Gamma-Linolensäuren (z. B. Borretschöl, Nachtkerzenöl, Hanföl, Johannisbeerenöl, Primelöl)</p> <p>gamma-linolenic acid</p> <p>Salben, Öle, äußere Anwendung (z. B. Dreiflügelfrucht, Cheezheng Qingpeng, Beinwellwurzel)</p>		
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Suchstrategie Medline (PubMed)

#1

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#2

(animals[mh] NOT humans[mh])

#3

(#1 NOT #2)

#4

(Arthritis, Rheumatoid [Mesh] OR RA [Title] OR rheumatoid arthritis [Text Word])

#5

Complementary[TW] OR Alternative[TW] OR Self-help[TW] OR Naturopathy[TW] OR Mind Body* [TW] OR Comprehensive life style modification[TW] OR MBSR[TW] OR Relaxation[TW] OR PMR[TW] OR PME[TW]

#6

Complementary OR Alternative OR Self-help OR Naturopathy OR Mind Body\$ OR Comprehensive life style modification OR MBSR OR Relaxation OR PMR OR PME OR Massage[TW] OR autogenous training[TW] OR meditation[TW] OR hypnosis[TW] OR shiatsu[TW] OR Yoga OR Qi Gong[TW] OR reiki[TW] OR Tai Ji[TW] OR Meditative movement[TW] OR feldenkrais[TW]

#7

Massage OR autogenous training OR meditation OR hypnosis OR shiatsu OR Yoga OR Qi Gong OR reiki OR Tai Ji OR Meditative movement OR Feldenkrais OR Wet pack[TW] OR overlay[TW] OR cupping[TW] OR Balneotherapy[TW] OR Hydrotherapy[TW] OR Wet pack OR overlay OR cupping OR Balneotherapy OR Hydrotherapy OR Herbs[TW] OR herbal therapy[TW] OR phytotherapy[TW] OR Herbs OR herbal therapy OR phytotherapy OR ginger[TW] OR garlic[TW] OR boswellia[TW] OR harpagophytum[TW] OR devil's claw[TW] OR Tripterygium wilfordii[TW] OR wilfords[TW] OR populus tremula[TW] OR aspen[TW] OR cat's claw[TW] OR uncaria tomentosa[TW] OR tanacetum parthenium[TW] OR salicis cortex[TW] OR willow bark[TW] OR salix[TW] OR rosa canina[TW] OR ganoderma lucidum[TW] OR capsaicin[TW] OR urtica dioica[TW] OR phytodolor[TW] OR rheumalex[TW] OR cannabis[TW] OR gamma linolen[TW] OR oil[TW] OR leech*[TW] OR acupuncture[TW] OR Acupressure[TW] OR moxibustion[TW] OR TCM[TW] OR Chinese Medicine[TW] OR ayurved*[TW] OR anthroposoph*[TW] OR homeopath*[TW] OR Physical activity[TW] OR exercise[TW] OR Nutritional Supplement*[TW] OR dietary supplement*[TW] OR vitamin*[TW] OR antioxidant*[TW] OR mineral*[TW] OR fasting[TW] OR nutrition*[TW] OR diet*[TW] OR vegetarian[TW]

#8

#3 AND #4 AND #5 AND #6 AND #7

#9

#3 AND #4 AND #5 AND #6 AND #7 Filters: English

#10

#3 AND #4 AND #5 AND #6 AND #7 Filters: English, German

#11

#3 AND #4 AND #5 AND #6 AND #7 Filters: English, German, Publication date from 2009/03/01 to 2017/12/31

99 Treffer (8.01.2017)**Cochrane Suchstrategie****#1**

rheumatoid arthritis:ti,ab,kw (Word variations have been searched)
7829

#2

MeSH descriptor: [Arthritis, Rheumatoid] explode all trees

#3

Complementary or Alternative or Self-help or Naturopathy or Mind Body\$ or Comprehensive life style modification or MBSR or Relaxation or PMR or PME:ti,ab,kw (Word variations have been searched)

#4

Massage or autogenous training or meditation or hypnosis or shiatsu or Yoga or Qi Gong or reiki or Tai Ji or Meditative movement or feldenkrais:ti,ab,kw (Word variations have been searched)

#5 Wet pack or overlay or cupping or Balneotherapy or Hydrotherapy:ti,ab,kw (Word variations have been searched)

#6 Herbs or herbal therapy or phytotherapy:ti,ab,kw (Word variations have been searched)

#7 ginger or garlic or boswellia or harpagophytum or devil's claw or Tripterygium wilfordii or wilfords or populus tremula or aspen or cat's claw or uncaria tomentosa or tanacetum parthenium or salicis cortex or willow bark or salix or rosa canina or ganoderma lucidum or capsaicin or urtica dioica or phytodolor or rheumalex or cannabis or gamma linolen or oil:ti,ab,kw (Word variations have been searched)

#8 leech

#9 physical activity or exercise

#10 acupuncture or Acupressure or moxibustion or TCM or Chinese Medicine or ayurved* or anthroposoph* or homeopath*:ti,ab,kw (Word variations have been searched)

#11 Nutritional Supplement\$ or dietary supplement\$ or vitamin\$ or antioxidant\$ or mineral\$ or fasting or nutrition\$ or diet\$ or vegetarian:ti,ab,kw (Word variations have been searched)

#12 #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11

#13 #1 or #2

#14 #12 and #13

#15 #12 and #13 Publication Year from 2009 to 2017

851 Treffer (16.02.2017)

Kapitel 7.5

Frage zu Kapitel 7.5: Verbessert bei Patienten mit früher rheumatoider Arthritis Radontherapie das Outcome?

Population

adult patients with RA

Intervention

radon (spa / baths)

Control

routine treatment, usual care, sham treatment

Outcome

predefined parameter that serve as a surrogate for clinical or functional success (e.g. pain, DAS-28, joint count, CRP level, function=HAQ bzw FFbH, Arbeitsunfähigkeit = sick leave, Frühberentung/Erwerbsminderungsrente = disability pension, work disability, early retirement, employment).

Suchstrategie Medline (PubMed)

#1

Arthritis, Rheumatoid[mh:noexp] OR Caplan Syndrome[mh] OR Felty Syndrome[mh] OR Rheumatoid Nodule[mh] OR rheumatoid arthritis[tw] OR early arthritis[tw] OR inflammatory arthritis[tw]

#2

Radon[mh:noexp] OR SPA therapy[tiab] OR bath therapy[tiab] OR Mud Therapy[mh] OR routine treatment[tiab] OR usual care[tiab] OR sham treatment[mh]

#3

clinical success[tiab] OR functional success[tiab] OR Pain[mh] OR Pain[tiab] OR Disease Activity Score 28[tiab] OR DAS 28[tiab] OR joint count[tiab] OR joint counts[tiab] OR 28-joint Disease Activity Score[tiab] C-Reactive Protein[mh] OR crp level[tiab] OR Health Assessment Questionnaire Disability Index[tiab] OR HAQ[tiab] OR health assessment questionnaire[tiab] OR Funktionsfragebogen Hannover[tiab] OR ffbh[tiab] OR Hannover Functional Assessment[tiab] OR Sick Leave[mh] OR Absenteeism[mh] disability pension[tiab] OR Return to Work[mh] OR work disability[tiab] OR early retirement[tiab] OR Employment[mh] OR employment[tiab] OR health related quality of life[tiab] OR Quality of Life[mh]

#4

#1 AND #2 AND #3

#5

#1 AND #2 AND #3 Filters: English, German

#6

#1 AND #2 AND #3 Filters: Publication date from 2009/03/01 to 2017/12/31; English, German

#7

((clinical[Title/Abstract] AND trial[Title/Abstract]) OR clinical trials[MeSH Terms] OR clinical trial[Publication Type] OR random*[Title/Abstract] OR random allocation[MeSH Terms] OR therapeutic use[MeSH Subheading]) OR randomized controlled trial[pt] OR controlled clinical trial[pt] OR randomized[tiab] OR placebo[tiab] OR drug therapy[sh] OR randomly[tiab] OR trial[tiab] OR groups[tiab] OR Systematic Review[pt] OR Systematic Review[tiab] OR systematic[tiab] OR systematic overview[tiab] OR systematic[sb] OR Meta-Analysis[pt] OR Meta-Analysis[tiab] OR Cochrane Database Syst Rev[Journal] OR case-control studies[mh] OR Case-Control Study[tiab] OR Multicenter Study[pt] OR Observational Study[pt] OR Review[pt] OR systematic[sb]) NOT (animals[mh] NOT humans[mh])

#8

#6 AND #7

17 Treffer (15.01.2017)

Cochrane Suchstrategie

- #1 MeSH descriptor: [Arthritis, Rheumatoid] explode all trees
- #2 arthritis rheumatoid:ti,ab,kw (Word variations have been searched)
- #3 MeSH descriptor: [Radon] explode all trees
- #4 bath therapy:ti,ab,kw (Word variations have been searched)
- #5 MeSH descriptor: [Mud Therapy] explode all trees
- #6 "routine management":ti,ab,kw (Word variations have been searched)
- #7 usual care:ti,ab,kw (Word variations have been searched)
- #8 MeSH descriptor: [Placebos] explode all trees

- #9 #3 or #4 or #5 or #6 or #7 or #8
- #10 clinical success:ti,ab,kw (Word variations have been searched)
- #11 functional success:ti,ab,kw (Word variations have been searched)
- #12 MeSH descriptor: [Pain] explode all trees
- #13 "pain clinic":ti,ab,kw (Word variations have been searched)
- #14 disease activity score:ti,ab,kw (Word variations have been searched)
- #15 "DAS 28":ti,ab,kw (Word variations have been searched)
- #16 joint count:ti,ab,kw (Word variations have been searched)
- #17 28-joint Disease Activity Score:ti,ab,kw (Word variations have been searched)
- #18 MeSH descriptor: [C-Reactive Protein] explode all trees
- #19 crp level:ti,ab,kw (Word variations have been searched)
- #20 Health Assessment Questionnaire Disability Index:ti,ab,kw (Word variations have been searched)
- #21 HAQ:ti,ab,kw (Word variations have been searched)
- #22 health assessment questionnaire:ti,ab,kw (Word variations have been searched)
- #23 Funktionsfragebogen Hannover:ti,ab,kw (Word variations have been searched)
- #24 Hannover Functional Assessment:ti,ab,kw (Word variations have been searched)
- #25 MeSH descriptor: [Sick Leave] explode all trees
- #26 MeSH descriptor: [Absenteeism] explode all trees
- #27 disability pension:ti,ab,kw (Word variations have been searched)
- #28 MeSH descriptor: [Return to Work] explode all trees
- #29 work disability:ti,ab,kw (Word variations have been searched)
- #30 early retirement:ti,ab,kw (Word variations have been searched)
- #31 MeSH descriptor: [Employment] explode all trees
- #32 employment:ti,ab,kw (Word variations have been searched)
- #33 health related quality of life:ti,ab,kw (Word variations have been searched)
- #34 MeSH descriptor: [Quality of Life] explode all trees
- #35 #10 or #11 or #12 or #13 or #14 or #15 or #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31 or #32 or #33 or #34
- #36 #1 or #2
- #37 #9 and #35 and #36 Publication Year from 2009 to 2017

87 Treffer (24.01.2017)