

Study	Randomization Judgement	Randomization Reason	Allocation Concealment Judgement	Allocation Concealment Reason	Blinding of Personnel and Participants Judgement	Blinding of Personnel and Participants Reason	Blinding of Assessor Judgement	Blinding of Assessor Reason
Bejarano 2008	Low Risk	computer-generated randomization	Low Risk	"Double-blind treatment allocation took place by a computer-generated randomization schedule developed centrally by the study sponsor."	Low Risk	"Adalimumab and placebo were colorless solutions, indistinguishable on the basis of all observable characteristics. The blind was maintained at all time until data collection was finished and the database was locked"	Low Risk	"Adalimumab and placebo were colorless solutions, indistinguishable on the basis of all observable characteristics. The blind was maintained at all time until data collection was finished and the database was locked"
Bejarano 2010	Unclear	No mention of method of randomization	Unclear	No mention of allocation concealment	Unclear	Unclear how blinded	Unclear	Unclear how blinded
Breedveld 2006	Unclear	No mention of method of randomization	Unclear	No mention of method of allocation concealment	Low Risk	"Patients were randomized to 1 of 3 treatment groups: adalimumab 40 mg subcutaneously every other week plus weekly oral MTX (20 mg/week); adalimumab 40 mg subcutaneously every other week (adalimumab plus placebo); or weekly oral MTX (MTX plus placebo). Hence, all patients received an injection (adalimumab or placebo) and an oral medication (MTX or placebo)."	Low Risk	"Single-emulsion radiographs of the hands (posteroanterior view) and feet (anteroposterior view) were obtained and digitized for blinded reading... Images from multiple time points were displayed simultaneously to allow for comparative assessment, and the readers were blinded with regard to the time point at which the displayed images had been obtained."
Detert 2013	Unclear	No mention of method of randomization	Unclear	No mention of whether allocation concealment	Low Risk	Patients blinded	Low Risk	"Radiographs... were obtained and digitised for blinded reading at baseline and at week 48. An experienced reader scored all radiographs in a concealed order."
Durez 2007	Unclear	No mention of method of randomization	Unclear	No mention of method of allocation concealment	Unclear	No mention of method of patient blinding	Low Risk	"From baseline until the last visit, patients were always evaluated by the same physician, who was blinded to treatment allocation.. MR images were reviewed by a radiologist (JM) with 15 years of experience in musculoskeletal MRI, who was blinded to the clinical details and the treatment."
Emery 2008	Unclear	No mention of method of randomization	Unclear	No mention of method of allocation concealment	Unclear	"Joint assessors were blinded as to other data including CRP, ESR and treatment assignment, thus rescue therapy could be given to patients already receiving 8 mg/kg tocilizumab... " The study is also labeled double-blind however there is no mention of how blinding was achieved"	Unclear	"Joint assessors were blinded as to other data including CRP, ESR and treatment assignment, thus rescue therapy could be given to patients already receiving 8 mg/kg tocilizumab... " The study is also labeled double-blind however there is no mention of how blinding was achieved"
Emery 2009	Low Risk	"An interactive voice response system (IVRS) was used to randomly assign eligible patients to 1 of 4 treatment groups in approximately equal proportions"	Low Risk	No mention of method of allocation concealment	Low Risk	"Active and placebo MTX were supplied as double-blinded, identical opaque capsules (filled with microcrystalline cellulose with or without MTX). All study agents were provided by Centocor (Malvern, PA)."	Low Risk	"Active and placebo MTX were supplied as double-blinded, identical opaque capsules (filled with microcrystalline cellulose with or without MTX). All study agents were provided by Centocor (Malvern, PA)."
Kavanaugh 2013	Low Risk	"Patients were centrally randomly assigned 1:1 using an interactive voice response system to adalimumab (40 mg every other week) plus methotrexate (titrated to 20 mg/week by week 8) or PBO+MTX for 26 weeks..."	Low Risk	"Patients were centrally randomly assigned 1:1 using an interactive voice response system to adalimumab (40 mg every other week) plus methotrexate (titrated to 20 mg/week by week 8) or PBO+MTX for 26 weeks..."	Unclear	The study is labeled double-blind but there is no mention of how participant blinding was ensured.	Unclear	The study is labeled double-blinded but there is no mention of method of blinding
Marcora 2006	Low Risk	"After baseline assessment (pretest), participants were assigned to a 24-wk regimen of etanercept or methotrexate on the basis of a computer-generated list of random numbers."	High Risk	Both the patients and the clinician responsible for their management(GM) were aware of treatment allocation.	High Risk	"Both the patients and the clinician responsible for their management(GM) were aware of treatment allocation."	Low Risk	"However, the investigators involved in the assessment of body composition and physical function (SMM and KRC) were blinded to treatment allocation until after statistical analysis was completed."
Nam 2014a	low risk	"Subject numbers were assigned according to a block randomisation programme generated using random number tables, stratified by site."	low risk	"After obtaining patient consent, the research nurse telephoned a contact at central pharmacy independent of the recruitment process for allocation consignment."	Low risk	double-blind" (p.76) "During the first 26-weeks, patients, clinical staff and assessors were blinded to treatment allocation." (p.76)	Low risk	"double-blind" (p.76) "During the first 26-weeks, patients, clinical staff and assessors were blinded to treatment allocation." (p.76)
Nam 2014b	low risk	Patients were randomised (1:1) according to a computer generated list in blocks of four with no stratification" (p.1028)	low risk	"treatment was assigned by the central pharmacy." (p.1028)	Low risk	"Clinicians, nurses, local pharmacists, patients and assessors were blinded to treatment allocation throughout the study." (p.1028)	Low risk	"Clinicians, nurses, local pharmacists, patients and assessors were blinded to treatment allocation throughout the study." (p.1028)
Quinn 2005	Unclear	No method of randomisation described	Unclear	No description of method used to conceal allocation	Unclear	Unclear how blinded	Unclear	Unclear how blinded
Rantalaiho 2014	unclear	double blindly randomised" (p.1955) Comment: Sequence generation not reported	unclear	"double blindly randomised" (p.1955) Comment: Allocation concealment not reported.	Low Risk	"double blindly randomised" (p.1955)	unclear	double blindly randomised" (p.1955) Comment: Blinding of outcome assessors is not reported as part of the double blind.
Soubrier 2009	Unclear	No mention of method of randomization	Unclear	No mention of method of allocation concealment	High Risk	Non-blinded	High Risk	Non-blinded
St. Clair 2004	Low Risk	"Patient allocation to a treatment group was performed using a dynamic process in which patients were randomly assigned to 1 of the 3 treatment groups by the Interactive Voice Response System (IVRS). The IVRS assigned a treatment group to patients such that the numbers of patients in the 3 treatment groups were as balanced as possible within each investigational site, while maintaining 300 (placebo arm) or 375 (the 2 infliximab arms) patients per treatment group."	Low Risk	"Patient allocation to a treatment group was performed using a dynamic process in which patients were randomly assigned to 1 of the 3 treatment groups by the Interactive Voice Response System (IVRS). The IVRS assigned a treatment group to patients such that the numbers of patients in the 3 treatment groups were as balanced as possible within each investigational site, while maintaining 300 (placebo arm) or 375 (the 2 infliximab arms) patients per treatment group."	High Risk	Non-blinded	High Risk	Non-blinded

Tak 2012	Unclear	No mention of method of randomization	Unclear	No mention of method of allocation concealment	Unclear	"At week 52, the sponsor was unblinded to all treatment assignments for the purposes of data analysis, but investigators, sites, patients and radiographic readers remained blinded."	Unclear	"At week 52, the sponsor was unblinded to all treatment assignments for the purposes of data analysis, but investigators, sites, patients and radiographic readers remained blinded."
Takeuchi 2014	Unclear	No mention of method of randomization	Unclear	No mention of whether allocation concealment	Low Risk	Blinded treatment	Low Risk	Radiographs "scored by two independent readers blinded to patient and treatment..."
Tam 2012	Low Risk	"The method of concealed random allocation was used. Simple randomization was conducted by a computer-generated random list."	Low Risk	"The method of concealed random allocation was used. Simple randomization was conducted by a computer-generated random list."	High Risk	Non-blinded	High Risk	Only Carotid intima-media thickness (IMT) and plaque analysis took place by a blinded assessor.
Westhovens 2009	Unclear	No mention of method of randomization	Unclear	No mention of method of allocation concealment	Unclear	Study is labeled double-blinded but there is no mention of method of blinding	Unclear	Study is labeled double-blinded but there is no mention of method of blinding