

Characteristics of included studies (Continued)

Notes

Allocation concealment D

Study	Edees 1991
Methods	RCT, single blind
Participants	Four hundred twenty healthy children aged between 12 and 18 months
Interventions	MMR vaccine Trimovax (Schwarz measles strain, 1000 TCID50 ; Urabe AM/9 mumps strain, 5000 TCID50 ; RA/27/3 rubella strain, 1000 TCID 50) versus Measles vaccine Rouvax (Schwarz 100 TCID50) Both In upper arm or leg administered
Outcomes	- Local symptoms: erythema, induration, pain - General - specific symptoms: rash, parotitis, conjunctivitis, testicular swelling, arthralgia, arthritis, convulsions - General non-specific symptoms: temperature, adenopathy, nasopharyngeal disorders, gastrointestinal disorders, restlessness. Diary completed by parents daily for 3 weeks with a further 3 weekly observations

Notes

Allocation concealment D

Study	Fombonne 2001
Methods	Retrospective cohort
Participants	283 children from three cohorts of children with pervasive development disorders (PDD)
Interventions	Testing several causal hypothesis between exposure to MMR and developing of PDD
Outcomes	All cases were accurately assessed by a multidisciplinary team and in most cases data were summarised and extracted on standard forms
Notes	The number and possible impact of biases in this study is so high that interpretation of the results is impossible
Allocation concealment	D

Study	Freeman 1993
Methods	Before/After. Children due to receive MMR (over a 1 year period) were assigned to receive the vaccine (MMR II) at either 13 or 15 months, depending on the random assignment of their family physician
Participants	Children receiving MMR
Interventions	MMR - MMRII (Merck Sharp & Dohme) administered at either 13 or 15 months
Outcomes	- Cough - Temperature - Rash - Eyes runny - Nose runny - Lymphadenopathy - Hospital admission Assessed by daily diaries (from 4 wks before to 4 wks post vaccination)

Notes Only ~67% of the participants (253 out of 376) completed the study. It is not explained how delays in vaccination, for some participants, effect the 8 week diary

Allocation concealment D