

eSupplement 4 Meta-analysis data extraction form (Paper IV)

Use of the item	Data to collect	Items	
R, Q	Frequency of ADRs an outcome measure	<input type="checkbox"/> Yes <input type="checkbox"/> No → EXCLUDE	
R, Q	Frequency of PADRs or preventability of ADRs an outcome measure	<input type="checkbox"/> Yes, frequency of PADRs <input type="checkbox"/> Yes, preventability of ADRs <input type="checkbox"/> No, neither → EXCLUDE	
MP, R	Year /period of the study		
R	Duration of data collection		
MP, R	First author		
MP, R	Study country		
R	Study design/ type of study	<input type="checkbox"/> Observational <input type="checkbox"/> Retrospective <input type="checkbox"/> Prospective <input type="checkbox"/> Cross-sectional <input type="checkbox"/> Intervention <input type="checkbox"/> Not defined	
R	Data source	<input type="checkbox"/> Case records <input type="checkbox"/> Interview <input type="checkbox"/> Reports <input type="checkbox"/> Survey <input type="checkbox"/> Direct observation <input type="checkbox"/> Other:	
MP, R	Sampling frame	<input type="checkbox"/> Not reported	
R	Setting	<input type="checkbox"/> Inpatient setting <input type="checkbox"/> Outpatient setting <input type="checkbox"/> Other setting: <input type="checkbox"/> No settings restrictions <input type="checkbox"/> Not reported → EXCLUDE	
MP, R	Participants characteristics	Age	
		Mean(y):	
		Median(y):	
		Range:	
		Reported in general terms:	<input type="checkbox"/> Not reported
		Gender	
Male (%):	Female (%):		
Sex ratio:	<input type="checkbox"/> Not reported		
MP,R,Q	ADR definition	<input type="checkbox"/> Exactly according to WHO <input type="checkbox"/> Other definition <input type="checkbox"/> Does not fit WHO definition → EXCLUDE <input type="checkbox"/> Not defined → EXCLUDE	

R, Q	Number of assessors for causality/case				
R, Q	Assessment instrument for causality				
R, Q	Number of assessors for preventability/case				
R, Q	Assessment instrument for preventability				
MP,R,Q	Numerical values for percentage of patients with PADRs	<input type="checkbox"/> Incidence	<input type="checkbox"/> Prevalence	<input type="checkbox"/> Other frequency measure	<input type="checkbox"/> Not reported
R, Q	Total number of persons and/or healthcare visits with ADR		<input type="checkbox"/> Not reported/interpretable	<input type="checkbox"/> All not reported → EXCLUDE FROM ANALYSIS OF PATIENTS WITH PADRS	<input type="checkbox"/> Data for neither patients with PADRs or preventability of ADRs presented → EXCLUDE
R, Q	Total number of persons and/or healthcare visits included		<input type="checkbox"/> Not reported/interpretable		
R, Q	Total number of persons and/or healthcare visits with PADR		<input type="checkbox"/> Not reported/interpretable		
R, Q	Preventability of ADRs	Total number of ADRs: Total number of PADRs: (PADR/ADR)*100%:			

Abbreviation: **ADR:** Adverse Drug Reaction; **PADR:** Preventable Adverse Drug Reaction; **WHO:** World Health Organization; **R:** Results; **Q:** Quality evaluation of reviewed article; **MP:** Multiple Publication of the same study.