Supplemental material

BMJ Publishing Group Limited (BMJ) disclaims all liability and responsibility arising from any reliance placed on this supplemental material which has been supplied by the author(s)
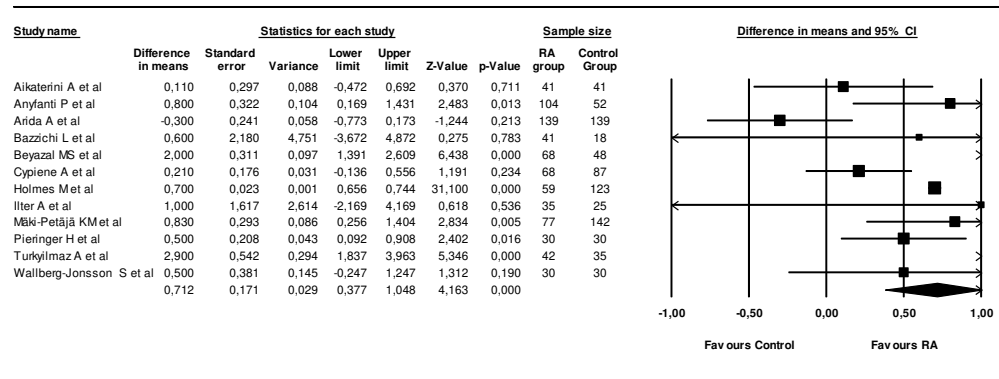
RMD Open

Supplementary Figure S1 A Forest plot (random-effects model Mean Differences) of the Pulse wave velocity in patients with Rheumatoid Arthritis compared to controls

Meta Analysis

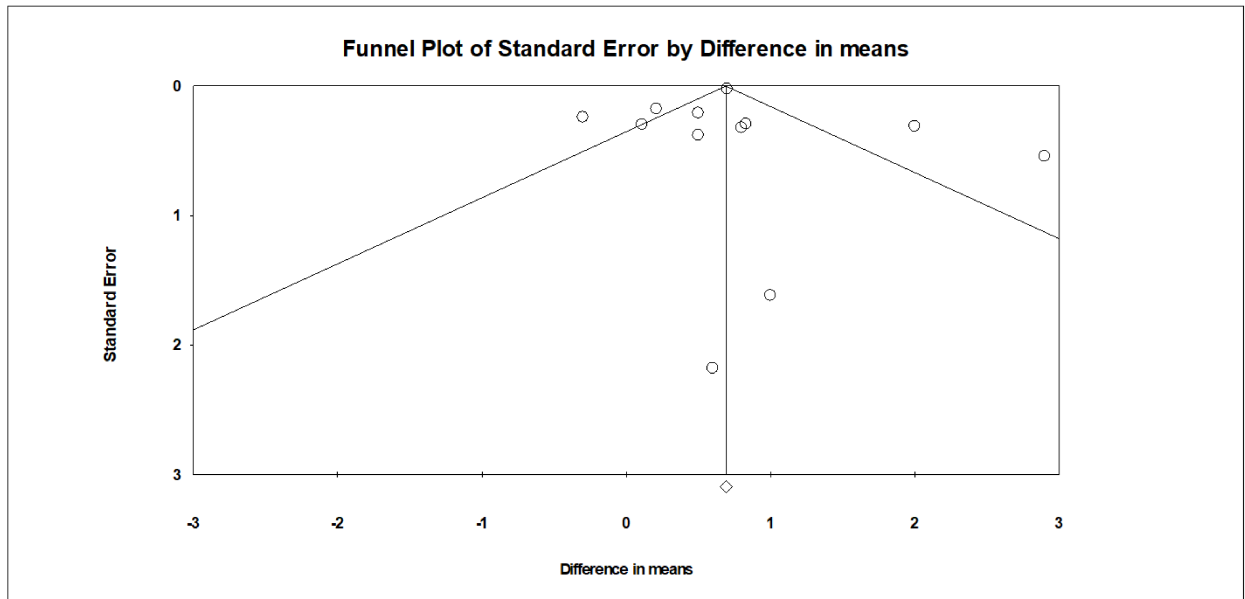| Study name	Statistics for each study							Sample size		Difference in means and 95% CI
	Difference in means	Standard error	Variance	Lower limit	Upper limit	Z-Value	p-Value	RA group	Control Group	
Aikaterini A et al	0,110	0,297	0,088	-0,472	0,692	0,370	0,711	41	41	
Anyfanti P et al	0,800	0,322	0,104	0,169	1,431	2,483	0,013	104	52	
Arida A et al	-0,300	0,241	0,058	-0,773	0,173	-1,244	0,213	139	139	
Bazzichi L et al	0,600	2,180	4,751	-3,672	4,872	0,275	0,783	41	18	
Beyazal MS et al	2,000	0,311	0,097	1,391	2,609	6,438	0,000	68	48	
Cypiene A et al	0,210	0,176	0,031	-0,136	0,556	1,191	0,234	68	87	
Holmes M et al	0,700	0,023	0,001	0,656	0,744	31,100	0,000	59	123	
Ilter A et al	1,000	1,617	2,614	-2,169	4,169	0,618	0,536	35	25	
Mäki-Petäjä KM et al	0,830	0,293	0,086	0,256	1,404	2,834	0,005	77	142	
Pieringer H et al	0,500	0,208	0,043	0,092	0,908	2,402	0,016	30	30	
Turkyilmaz A et al	2,900	0,542	0,294	1,837	3,963	5,346	0,000	42	35	
Wallberg-Jonsson S et al	0,500	0,381	0,145	-0,247	1,247	1,312	0,190	30	30	
	0,712	0,171	0,029	0,377	1,048	4,163	0,000			

Meta Analysis

Random model Heterogeneity: P-Value <0.000;Q-value: 64.12; df(Q):11; I^2.82.84%

This forest plot summarizes the results of studies evaluating the PWV in patients with RA vs controls. The numbers on the x-axis measure mean difference. The black boxes represent the point estimate of the effect size and sample size of each study. The black lines on either side of the box represent a 95% confidence interval. The solid vertical line represents a mean difference of 0 or no effect. The overall pooled mean difference and 95% CI is indicated by a diamond at the bottom. Names of the first author's studies are shown on the left.

CI: Confidence Interval; df: degree freedom; I^2: Higgins heterogeneity test; PWV: Pulse wave velocity; RA: rheumatoid arthritis

Supplemental material

BMJ Publishing Group Limited (BMJ) disclaims all liability and responsibility arising from any reliance placed on this supplemental material which has been supplied by the author(s)

RMD Open

Supplementary Figure S1 B Funnel plot of published studies evaluating the Pulse wave velocity in patients with Rheumatoid Arthritis compared to controls. It shows absence of publication bias with symmetric article distribution

A funnel plot of standard error versus the PWV difference in means is shown. Visual inspection of the funnel plot (scatter diagram) shows symmetric article distribution confirmed by an Egger's regression test (P=0.95).