

**Supplementary table S3.** Trim and fill analysis for correction of small study effect. The table indicates the corrected SMD, confidence interval and  $I^2$  after trim and fill analysis. All SMD remain significant after correction.

	Number of missing studies	Total number of studies	SMD	CI inf	CI sup	$I^2$
MAP	24	136	0.98	0.73	1.24	86%
RVD	0	16	-1.62	-2.71	-0.54	91%
IMT	0	28	0.94	0.51	1.37	77%
LESION	6	31	0.87	0.6	1.14	50%