## **Supplementary Materials**

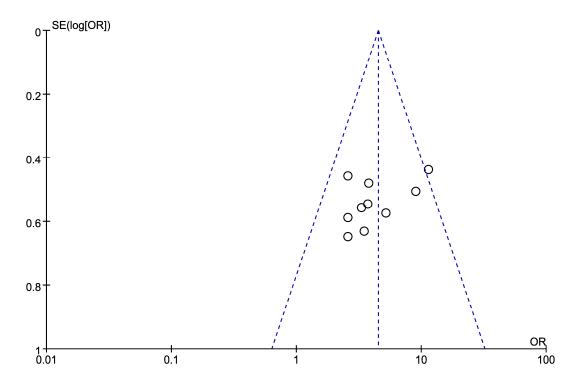


Figure S1 Funnel plot of trials reporting response rate outcome.

	P.T.+R.T.			R.T.			Std. Mean Difference			Std. Mean Difference				
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV. Random, 95% C		IV, Rand	om,	95% CI		
Luo et al. 2019	-27.64	4.77	78	-13.69	4.23	78	50.0%	-3.08 [-3.55, -2.61]		=				
Wang et al. 2018	-27.27	7.14	42	-16.9	8.4	41	50.0%	-1.32 [-1.80, -0.84]		-				
Total (95% CI)			120				100.0%	-2.20 [-3.92, -0.48]		•				
Heterogeneity: $Tau^2 = 1.49$ ; $Chi^2 = 26.70$ , $df = 1$ (P < 0.00001); $I^2 = 96\%$									-10	-5	0	5	10	
Test for overall effect: Z = 2.50 (P = 0.01)									Favours [P T +R T ] Favours [R T ]					

Figure S2 Forest plot of Melasma Area and Severity Index (MASI) in overall analysis. P.T.+R.T.=phytotherapy plus routine therapy; R.T.=routine therapy.

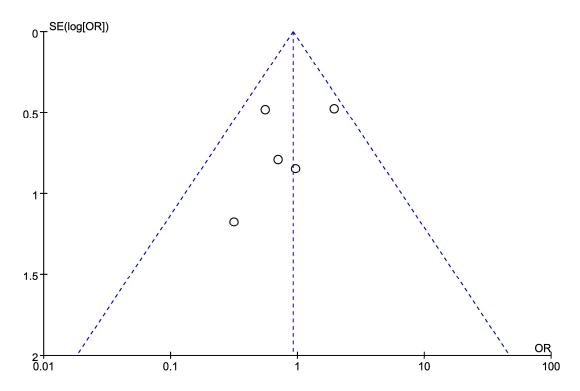


Figure S3 Funnel plot of trials reporting adverse events (AEs).