

Supplementary file 2. Forest plots and Hierarchical Summary Receiver Operating Characteristic (HSROC) plots for three categorisations of RHD; any RHD (definite or borderline), definite RHD only and borderline RHD only.

*All plots were generated using the Review Manager (RevMan) software package, version 5.3

Any RHD:

Study	TP	FP	FN	TN	Expertise	Sensitivity (95% CI)	Specificity (95% CI)	Sensitivity (95% CI)	Specificity (95% CI)
Beaton (2014)	37	6	4	78	Expert	0.90 [0.77, 0.97]	0.93 [0.85, 0.97]		
Beaton (2015)	141	158	39	1076	Expert	0.78 [0.72, 0.84]	0.87 [0.85, 0.89]		
Beaton (2016)	44	50	9	286	Non_expert	0.83 [0.70, 0.92]	0.85 [0.81, 0.89]		
Mirabel (2015)	41	106	8	1062	Non_expert	0.84 [0.70, 0.93]	0.91 [0.89, 0.93]		
Ploutz (2016)	32	194	11	719	Non_expert	0.74 [0.59, 0.86]	0.79 [0.76, 0.81]		
Zuhlke (2016)	21	0	5	62	Expert	0.81 [0.61, 0.93]	1.00 [0.94, 1.00]		

Fig 1. Forest plot of sensitivity and specificity of handheld echocardiography for any RHD

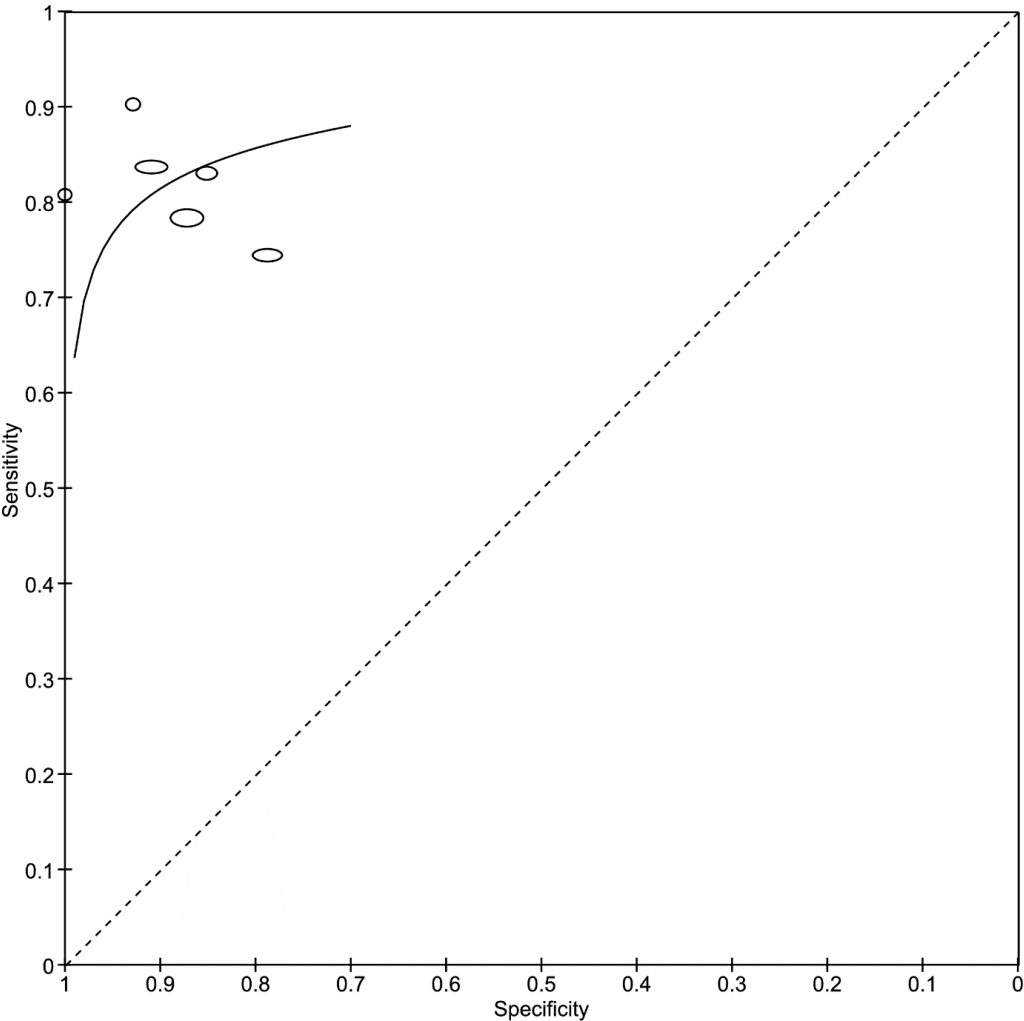


Fig 2. Summary ROC plot of sensitivity versus specificity of handheld echocardiography for any RHD

Definite RHD:

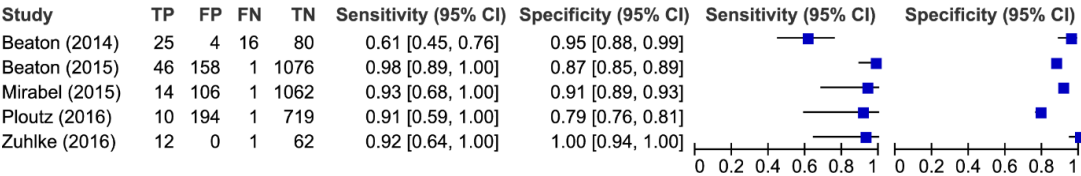


Fig 3. Forest plot of sensitivity and specificity of handheld echocardiography for definite RHD

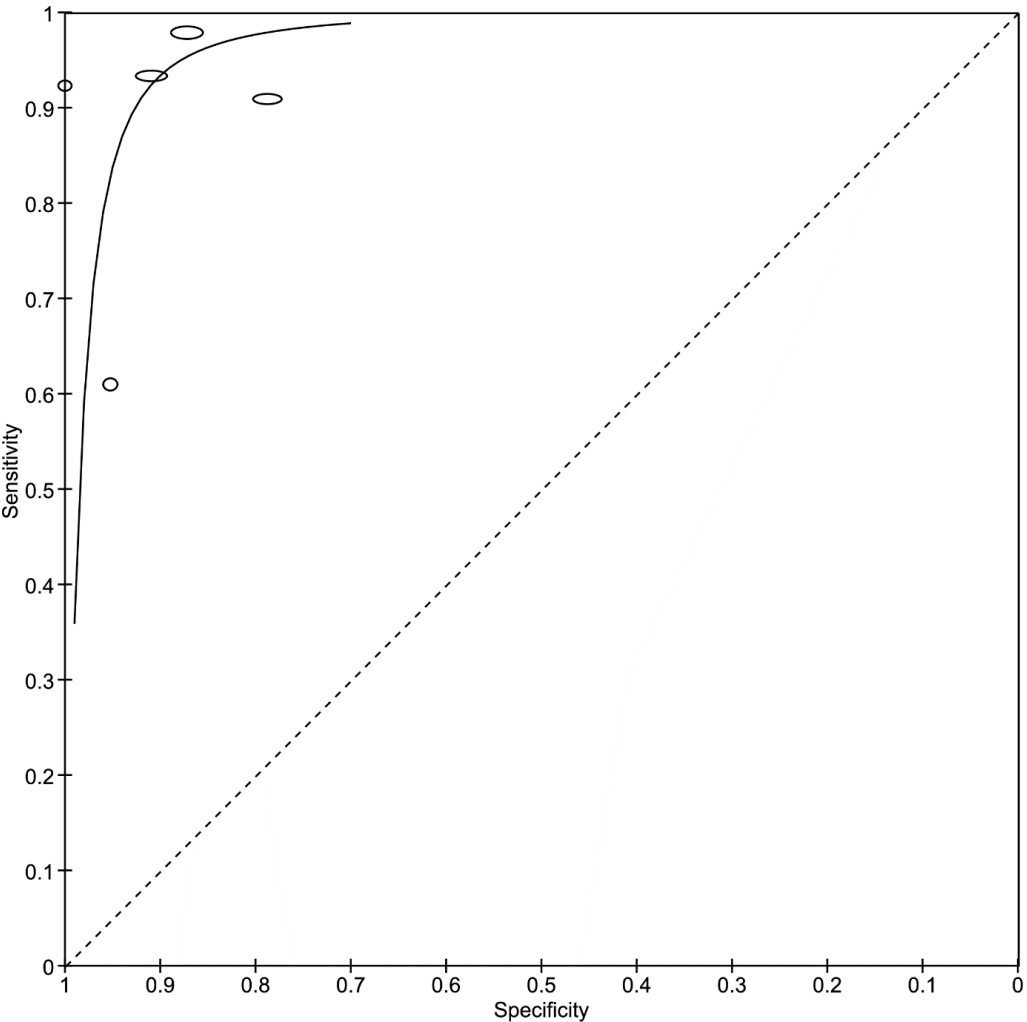


Fig 4. Summary ROC plot of sensitivity versus specificity of handheld echocardiography for definite RHD

Borderline RHD:

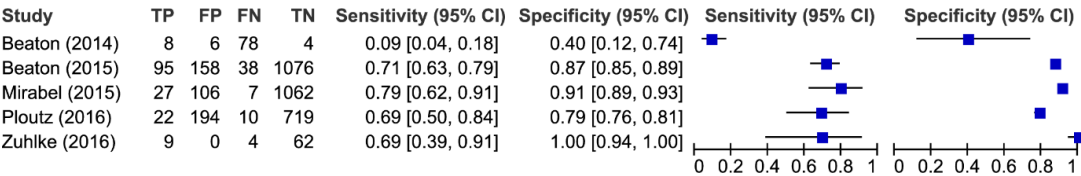


Fig 5. Forest plot of sensitivity and specificity of handheld echocardiography for borderline RHD

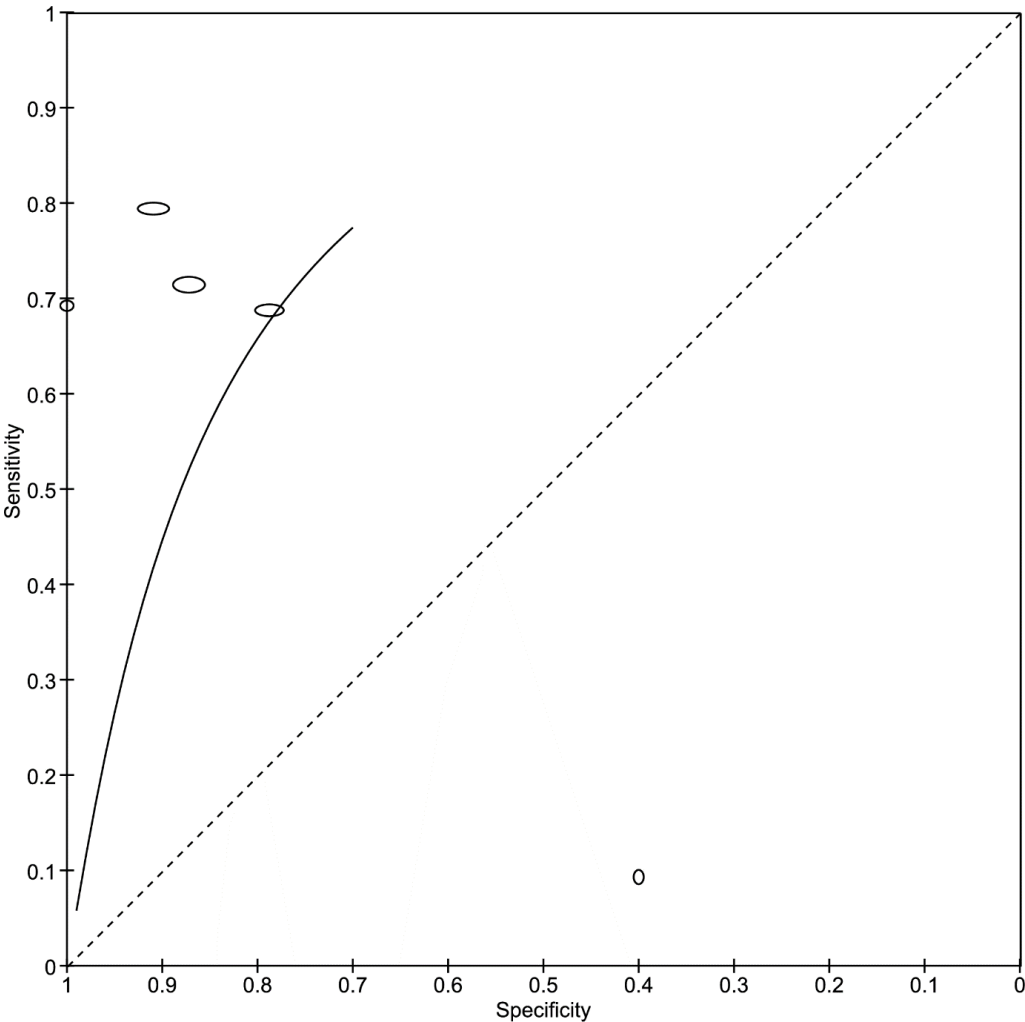


Fig 6. Summary ROC plot of sensitivity versus specificity of handheld echocardiography for borderline RHD