DAY 1: Tuesday 8th October 2019

Timings	Introduction to evaluation of diagnostics	Tutor
09:30 – 10:00	Registration with tea/coffee	
10:00 – 10:10	Welcome	Gail Hayward
10:10 – 10:40	Tests as part of a clinical pathway	Gail Hayward
10.40 – 11.30	Basic statistics for diagnostic medicine	Jason Oke
11.30-12.20	Searching for existing evidence to support regulatory approval and other purposes	Nia Roberts
12:20 – 13:00	Lunch	
13:00 – 13:30	Study designs for pragmatic evaluation of diagnostics, with examples from industry	Michael Messenger
13:30 – 14:20	Study designs at different stages of the diagnostic development pipeline – working in small groups	Gail Hayward and Michael Messenger
14:20 – 14:30	Coffee break	
14:30 – 15:20	Basic health economics for diagnostic evaluation	Lucy Abel
15:20 – 16:00	NIHR and SBRI Healthcare funding streams	Ian Newington
16.00-16.15	Close and completion of feedback forms	

Day 2: Wednesday 9th October

Timings	Cost-effectiveness analysis of diagnostic tests for development and adoption	Tutor
9.30-10.00	Registration with tea/coffee	
10.00	Welcome	Yaling Yang
10.00-11.00	Introduction to cost-effectiveness of diagnostics	Shahd Daher
11.00-12.00	Generating and using cost-effectiveness evidence for diagnostics	Yaling Yang
12.00-12.15	Coffee break	
12.15-13.15	Evidence for implementation in routine clinical practice – NICE evaluations	Matt Stevenson
13.15-14.00	Lunch	
14.00-15.30	Practical: Identifying evidence, decision modelling, and evaluating determinants of cost-effectiveness	Lucy Abel & Yaling Yang
15.30-16.00	Outstanding issues in cost-effectiveness of diagnostics: AMR, diagnostic delay and going beyond the QALY	Lucy Abel
16.00-16.15	Close and completion of feedback forms	

Day 3: Thursday 10th October

Timings	Statistical methods for diagnostic accuracy in medical research	Tutor
9.30-10.00	Registration and tea/coffee	
10.00	Welcome	Jason Oke & Tom Fanshawe
10.00-11.00	Single Summary estimates of diagnostic accuracy	Jason Oke
11.00-12.15	Receiver operating characteristics	Tom Fanshawe
12.15-12.45	Lunch	
12.45-14.00	Hypothesis tests for comparing the accuracy of two tests	Jason Oke
14.00-14.20	Coffee break	
14.20-15.50	Methods for finding optimal thresholds	Tom Fanshawe
15.50-16.00	Close and completion of feedback forms	