# **Supplementary Data**

**Database search strategies**

**PubMed**

(TEE[tiab] OR "echocardiography, transesophageal"[mh] OR ((transesophageal OR transthoracic) AND (echo OR echocard\* OR ultrasound))) AND ("simulation training"[mh] OR "computer simulation"[mh] OR simulat\*) AND (education[mh] OR teaching[mh] OR educat\* OR train\* OR teach\* OR assess\* OR evaluat\*)

Searched 10/1/2016, 148 results

**Web of Science**

(TEE OR ((transesophageal OR transthoracic) AND (echo OR echocard\* OR ultrasound))) AND simulat\* AND (educat\* OR train\* OR teach\* OR assess\* OR evaluat\*)

Searched 10/12/2016, 224 results

**Cochrane CENTRAL Register of Controlled Trials**

(TEE OR "echocardiography, transesophageal"[mh] OR ((transesophageal OR transthoracic) AND (echo OR echocard\* OR ultrasound))) AND ("simulation training"[mh] OR "computer simulation"[mh] OR simulat\*) AND (education[mh] OR teaching[mh] OR educat\* OR train\* OR teach\* OR assess\* OR evaluat\*)

Searched 10/12/2016, 17 results

**ERIC**

(SU.EXACT.EXPLODE("Simulation") OR SU.EXACT.EXPLODE("Computer Simulation") OR simulat\*) AND (SU.EXACT("Education") OR SU.EXACT("Instruction") OR SU.EXACT("Training") OR educat\* OR train\* OR teach\* OR assess\* OR evaluat\*) AND (TEE OR ((transesophageal OR transthoracic) AND (echo OR echocard\* OR ultrasound)))

Searched 10/12/2016, 13 results