

**Table S1: Search terms used for electronic database search
MEDLINE search in January 2015**

Concept 1	Concept 2	Concept 3
MeSH term Physicians Doctor? Medical Practitioner? Medic? Clinician?	MeSH term Gender Identity MeSH term Male MeSH term Female (Male and Female MeSH terms combined with AND) Sex	MeSH term Malpractice MeSH term Employee Performance Appraisal Clinical competen* Disciplinary board Disciplinary action Professional misconduct Fitness to practi* Medical regulat*

Embase search conducted in January 2015

Concept 1	Concept 2	Concept 3
MeSH term Physician Doctor? Medical Practitioner? Medic? Clinician?	MeSH term Gender and Sex MeSH term Gender Identity MeSH term Gender MeSH Male MeSH term Female (Male and Female MeSH terms combined with AND) MeSH term Sex	MeSH term Malpractice MeSH term Job Performance MeSH term Performance MeSH term Professional Practice MeSH term Professional Misconduct Clinical competen* Disciplinary board Disciplinary action Fitness to practi* Medical regulat* Professional performance

PsycINFO search conducted in January 2015

Concept 1	Concept 2	Concept 3
MeSH term Physicians MeSH term Family Physicians Doctor? Medical Practitioner? Medic? Clinician?	MeSH term Gender Identity Sex	MeSH term Professional Liability MeSH term Professional Competence Clinical competen* Disciplinary board Disciplinary action Professional misconduct Fitness to practi* Medical regulat* Professional performance

Table S2: Names of journals and conference abstracts searched electronically

Journals that yielded the majority of eligible articles

BMJ Quality & Safety
British Medical Journal
The American Journal of Medicine
The Journal of the American Medical Association
The Medical Journal of Australia

Journals felt to be important in the medical education field

Academic Medicine
Medical Education
Medical Teacher
The New England Journal of Medicine

Medical education conference abstracts

The Association for Medical Education in Europe
The Association for the Study of Medical Education

Figure S1: Funnel plot of effect size by inverse standard error

