

APPENDIX A

The EBM Primer

The Evidence-based Medicine Primer (“the EBM Primer”) Version 1.0 by the University of Oxford, Centre for Evidence-based Medicine was developed with evidence-based design and subject matter experts (SMEs).

Seven modules cover essential topics in EBM including:

- Development of research questions and conducting effective searches in healthcare
- Identification of study designs and levels of evidence
- Application of essential skills in medical statistics for therapeutic interventions, diagnostics, prognostics, and screening in healthcare

Created with learning objectives to improve confidence for knowledge acquisition in EBM and readiness for practicing EBM in health care decision-making, the course is automated, self-paced and 100% internet-based. The course material uses a mix of text, video, hyperlinks, and knowledge checks to gauge progress. Full completion requires an in-take and out-take quiz with at least 10 hours of learning time. The course tracks student participation and performance on knowledge checks using the existing virtual learning environment (on Canvas by Instructure). No additional support, social media, tutoring, or chat forums of any kind are supported by the course.

The course includes significant contributions from (in order of appearance): Marcy McCall MacBain, Sir Muir Gray, Carl Heneghan, David Nunan, Nia Roberts, Annette Plüddemann, Richard Stevens, Louise Hurst. The course was developed over a 12-month period at an expense of approximately 35,000 GBP by Oxford’s Nuffield Department of Primary Care Health Sciences and Department for Continuing Education. Instructional design and technical support provided by Damion Young, Medical Sciences Division of University of Oxford.