

Division:	Education and Training Administration	Ref. No.	ETA-SET-011
Department:	Surgical Training		
Title:	Research During Surgical Education and Training		

1. PURPOSE AND SCOPE

This policy refers to the minimum research competencies required within the Scholar and Teacher surgical Competence.

Acquisition of research competencies assists trainees to develop the necessary skills and experience to critically appraise new trends in surgery and contribute to the development, dissemination, application and translation of new medical knowledge and practices into their own clinical practice.

2. KEYWORDS

Research; Training; Surgical; Education; Component

3. RESEARCH

3.1. Acquisition of research competencies is a mandatory component of the Surgical Education and Training program.

3.2. This research competencies include:

3.2.1. Demonstrate an understanding of research methodologies

- a. Understand research governance and jurisdictional compliance
- b. Be able to frame a research question
- c. Understand levels of evidence
- d. Be able to locate relevant literature through search of electronic databases
- e. Understand the principles of biostatistics as applied to medical research
- f. Understand the principles of experimental design
- g. Be able to apply the appropriate methodologies in qualitative and quantitative areas
- h. Understand epidemiological research methods

3.2.2. Be able to critically appraise the literature and apply it to the clinical situation:

- a. Understand concepts such as internal and external validity and clinical importance, and how these are determined.
- b. Understand the different methodologies for assessing treatment effectiveness, causality of disease and the assessment of diagnostic imaging.

3.3. All research requirements must be completed before being awarded Fellowship

4. ASSOCIATED DOCUMENTS

Specialty Training Board regulations

Recognition of Prior Learning and Credit Transfer Policy

Trainee Registration and Variation Policy

5. GLOSSARY

Research The pursuit of new and original knowledge in surgery.

Approver Education Board
Authoriser Council

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