

Domain 4

Educational Scholarship and evidence-based Practice

This domain outlines the expected standards for medical educators in relation medical education research and scholarship. This domain is underpinned by the commitment to educational scholarship and research outlined in the core values.

The Academy recognises that while many educators are involved in scholarship (e.g. through production of course materials, quality improvement and assessment design), there is a wide variation in how activities such as this are disseminated and used to enhance existing processes. The Academy also recognises that some educators will have a major interest and expertise in rigorous medical education research, creating new knowledge that will be predominantly disseminated using peer reviewed publication and other academic mechanisms.

The Academy takes the view that scholarship and research are distinctive and complementary and that both are necessary and valued. While medical educators may be active in both research and scholarship, the Academy would not normally anticipate the same level of attainment in each.

Element	Standard - Level 1	Standard - Level 2
Theoretical and evidence-base of medical education	<p>4.1.1 Describes basic educational theories and principles</p> <p>4.1.2 Describes literature relevant to current developments in medical education</p> <p>4.1.3 Describes the principles of critical appraisal and peer review</p> <p>4.1.4 Describes different approaches to producing new knowledge through medical education research e.g. qualitative and quantitative approaches</p>	<p>4.2.1 Applies a range of educational theories and principles; including pedagogical underpinnings of medical education</p> <p>4.2.2 Critically evaluates the educational literature and apply this learning to their educational practice, including through written reflection</p> <p>4.2.3 Participates in the design and development of medical educational projects or research (including quality improvement activity)</p> <p>4.2.4 Interprets and apply the results of educational research/scholarship activity to their educational practice</p>

Element	Standard - Level 3	Standard - Level 4
Theoretical and evidence-base of medical education	<p>4.3.1 Demonstrates advanced understanding of a wide range of educational theories and principles and demonstrates how these are applied in their educational practice</p> <p>4.3.2 Critically evaluates the literature at an advanced level and applies this to their educational practice including through written reflection.</p> <p>4.3.3 Develops new educational insights, theories and practices, through scholarly endeavours, and shares these with peers</p> <p>4.3.4 Designs, supervises, manages, disseminates and evaluates medical education research or projects</p> <p>4.3.5 Contributes to educational research or projects applying appropriate research methods through activities such contribution to Research ethics &/or and peer review of educational research</p> <p>4.3.6 Mentors and supports the professional development of educational researchers or educational project leads</p>	<p>4.4.1 Oversees the implementation of evidence based educational practice, including critical evaluation</p> <p>4.4.2 Conceives and leads projects involving scholarly or educational research activity involving multiple institutions or stakeholders. Supports team members in including new information into their educational practice through written reflection.</p> <p>4.4.3 Leads processes or systems at an institutional/wider level that support individuals and/or groups undertaking educational and research activity</p> <p>4.4.4 Makes high stakes judgements as chair or member of a decision-making body on matters relating to research or scholarship</p> <p>4.4.5 Disseminates best practice using high impact tools (e.g. Keynote lectures; invited commentaries; high impact journals publication)</p>

