

Teaching in medical education: Developing a radiological skill set for Canadian medical graduates and trainees

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Teaching in the field of Diagnostic Radiology in medical education varies from school to school, from province to province and even from year to year. Currently, its role in medical education does not always reflect the skills necessary to practice as a competent physician.

Based on the current research, residency training requirements for various Royal College of Physicians and Surgeons of Canada specialties and input from residents and senior medical students, we have developed a set of skills that all Canadian medical graduates and resident trainees should possess. Using the most recent learning theories and the newly developed skill set, we have developed a curriculum for teaching in undergraduate and postgraduate medical education via elective and selective time in the early years of residency and senior years of medical school.

This curriculum is geared toward all medical students, and junior residents of both a Diagnostic Radiology program and other Royal College specialties. It encompasses many physician competencies, such as Medical Expert, Communicator, Collaborator, Health Advocate, Manager, Scholar and Professional. Depending on the specialty chosen, there are additional self-directed learning objectives tailored to various clinical specialties.