

QFMCRC: Qatar Family Medicine Clinical Reasoning Cycle: An Integrated Clinical Reasoning Cycle for Family Medicine: Bridging Diagnosis, Management, and Reflection

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Abstract

Clinical reasoning is the intellectual foundation of family medicine. This paper reviews the evolution of clinical reasoning models and proposes an integrated Clinical Reasoning Cycle that unifies diagnostic reasoning, management planning, and reflective practice. The model emphasizes iterative thinking, contextual understanding, and patient-centered decision-making which are essential characteristics of Family Medicine. This integrated framework aims to enhance clinical education, strengthen physician decision making, and improve patient care outcomes.

Keywords: Clinical reasoning, family medicine, diagnostic reasoning, reflective practice, medical education