

Narrowing the mindware gap in medicine.

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In [dual process thinking](#), Type 1 decisions are made rapidly, but can result in diagnostic error. Type 2 processing is slower and more deliberate, and typically where novice clinicians begin practice. This article proposes [adaptive expertise](#) to improve novices' processing. Incorporating six strategies (rationality, critical thinking, metacognitive processes, lateral thinking, medical humanities, distributed cognition) in medical [education](#) may improve learners' processing and reduce diagnostic errors.