

Collective intelligence increases diagnostic accuracy in a general practice setting.

June 12, 2024

Blanchard MD, Herzog SM, Kämmer JE, et al. Collective intelligence increases diagnostic accuracy in a general practice setting. *Med Decis Making*. 2024;44(4):451-462. doi:10.1177/0272989x241241001.

<https://psnet.ahrq.gov/issue/collective-intelligence-increases-diagnostic-accuracy-general-practice-setting>

[Collective intelligence](#) in diagnosis refers to the collaboration of multiple individuals to generate a more [accurate](#) diagnosis than could be made by a single clinician. This study examined the [collective](#) intelligence of diagnostic decision making in general practice and identified the conditions associated with the greatest increase in accuracy, as well as the benefit of a computerized decision support system (CDSS). Plurality substantially outperformed average individual accuracy and the most senior group member's accuracy.