

Error and cognitive bias in diagnostic radiology.

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<https://psnet.ahrq.gov/issue/error-and-cognitive-bias-diagnostic-radiology>

[Diagnostic errors](#) in [radiology](#) can result in [treatment delays](#) and contribute to patient harm. This article provides an overview of the common cognitive biases encountered in diagnostic radiology that can contribute to diagnostic error, and strategies to avoid these biases, such as the use of a cognitive bias mitigation strategy checklist, peer feedback, promoting a [just culture](#), and technology approaches including [artificial intelligence](#) (AI).