

Diagnostic Errors in the Emergency Department: A Systematic Review.

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<https://psnet.ahrq.gov/issue/diagnostic-errors-emergency-department-systematic-review>

Although diagnostic accuracy in the emergency department (ED) is high, diagnostic errors still [occur](#). This evidence review estimated that 1 in 18 ED patients receive an incorrect diagnosis, which translates to 7.4 million patients misdiagnosed every year (or 5.7% of all ED visits annually). Five conditions were found to be most vulnerable to misdiagnosis: stroke, heart attack, [aortic aneurysm/ dissection](#), spinal cord injury and blood clots. The evidence review identified variation in diagnostic error rates across demographic groups; [female sex](#) and [non-White race](#) were often associated with increased risk for diagnostic errors. Serious misdiagnosis-related harms were often associated with clinician bedside [judgement](#) and other cognitive failures.

The report was updated August 14, 2023, and now includes addendum, errata, and updated author conflict of interest disclosures with corresponding mitigation plan. The webpage also has a listing of comments received during the public comment period and responses from the authors.