

## Validation of a diagnostic reminder system in emergency medicine: a multi-centre study.

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Ramnarayan P, Cronje N, Brown R, et al. Validation of a diagnostic reminder system in emergency medicine: a multi-centre study. *Emerg Med J.* 2007;24(9):619-24.

<https://psnet.ahrq.gov/issue/validation-diagnostic-reminder-system-emergency-medicine-multi-centre-study>

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Diagnostic errors are common and often related to [cognitive processes](#), with many retrospectively discovered through review of [closed malpractice claims](#) or at [time of autopsy](#). This study used a web-based [clinical decision support system](#) called *Isabel* to determine its ability to accurately diagnose acute medical problems compared with final discharge diagnoses and a panel of experts. Building on a [past study](#), investigators discovered that the system displayed the final discharge diagnosis in 95% of inpatients. The authors highlight the potential benefits of integrating such a system into daily practice and call for further study on whether it reduces diagnostic error. An AHRQ WebM&M [conversation](#) with Dr. Britto, the co-founder of Isabel Healthcare Inc., discusses eradicating diagnostic errors through such decision support systems.