

TECHNOLOGY ASSESSMENT BRIEF

Evaluating Diagnostic Tests: A Guide to the Literature Report #4

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Description: Determining the best use of diagnostic imaging technologies is essential for improving the quality of patient care. Evidence-based medicine encourages the integration of clinical expertise with the best evidence from clinical research to support the appropriate use of these technologies in health care.

Many clinical investigators have demonstrated the feasibility of carrying out evaluations of diagnostic imaging tests that adhere to well-founded scientific principles.

This report:

- provides a resource of useful references that describe scientifically valid study design principles for evaluating diagnostic tests; and
- highlights models of methodologically strong diagnostic test evaluations.