Title: Appropriate use of nuclear myocardial perfusion imaging

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Research Project Description: Millions of myocardial perfusion imaging tests (MPI or “stress testing”) are performed annually in the United States and estimates are that up to one quarter of these tests are unnecessary. The reasons why doctors order, or patients request, these unnecessary tests are poorly understood. This project will investigate doctor and patient driven reasons why tests are performed unnecessarily including assessments of how well people can distinguish the necessary from unnecessary tests. Students will assist in data gathering and entry with the expectation of presenting aspects of the research and participating in publishing a manuscript on the results.

Selected Readings:


Hendel RC. Utilization Management of Cardiovascular Imaging. JACC Cardiovascular Imaging 2008, 1;2:241-8