



Medical Management Guideline

Title: Computed Tomography Angiography (CTA)	Pages: 2
Department: Medical Management	Subsection:
Policy Reference: <ol style="list-style-type: none">1. www.hayesinc.com. Multislice Computed Tomography for Detection of Coronary Artery Disease.2. Rasich, Paula. CardioSmart: Is CTA a Better Heart Test? Another Study Raises Some Doubts. Journal of the American College of Cardiology, 2008. http://www.cardiosmart.org/News/Default.aspx?id=23563. Meijboom WB et al. Diagnostic Accuracy of 64-Slice Computed Tomography Coronary Angiography: A Prospective, Multicenter, Multivendor Study. Journal of the American College of Cardiology, 2008.4. Nissen SE. Editorial Comment: Limitations of Coronary Computed Tomography Angiography. Journal of the American College of Cardiology, 2008	Effective Date: February 01, 2010
Purpose: Define current and up-to-date policy guidelines for the authorization of Computed tomography Angiography (CTA) for the detection of coronary artery disease (CAD).	

POLICY STATEMENT:

The use of CTA for evaluation and detection of CAD requires prior authorization and must meet criteria for approval. CTA is a noninvasive technique which uses specialized radiographic slices aided by injected dye to visualize the cross-sections of coronary vessels. (1) Currently, the standard test for detecting and diagnosing coronary stenosis is coronary angiography. (1) Even though CTA is less invasive than coronary angiography, there is a lack of evidence to support its use as a diagnostic tool and experts agree that it is too soon to recommend this technique as a replacement for conventional angiography. (2, 3, 4)

OPERATING PROTOCOL:

For the detection and diagnosis of CAD, coronary angiography remains the standard of care. CTA would not be approved for this purpose.

REVISION HISTORY

Date	Reason for Change
10/18/2010	Updated Reviewers
2/1/2010	New Criteria

Reviewed and Approved by: (Signatures on file)

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