NATIONAL COVERAGE DETERMINATION (NCD) FOR COMPUTED TOMOGRAPHY:

Item/Service Description
A. General
Diagnostic examinations of the head (head scans) and of other parts of the body (body scans) performed by computerized tomography (CT) scanners are covered if medical and scientific literature and opinion support the effective use of a scan for the condition, and the scan is: (1) reasonable and necessary for the individual patient; and (2) performed on a model of CT equipment that meets the criteria in C below.

CT scans have become the primary diagnostic tool for many conditions and symptoms. CT scanning used as the primary diagnostic tool can be cost effective because it can eliminate the need for a series of other tests, is non-invasive and thus virtually eliminates complications, and does not require hospitalization.

Indications and Limitations of Coverage for NCD 221.0

B. Determining Whether a CT Scan Is Reasonable and Necessary
Sufficient information must be provided with claims to differentiate CT scans from other radiology services and to make coverage determinations. Carefully review claims to insure that a scan is reasonable and necessary for the individual patient; i.e., the use must be found to be medically appropriate considering the patient's symptoms and preliminary diagnosis.

There is no general rule that requires other diagnostic tests to be tried before CT scanning is used. However, in an individual case the contractor's medical staff may determine that use of a CT scan as the initial diagnostic test was not reasonable and necessary because it was not supported by the patient's symptoms or complaints stated on the claim form; e.g., "periodic headaches."

Claims for CT scans are reviewed for evidence of abuse which might include the absence of reasonable indications for the scans, an excessive number of scans or unnecessarily expensive types of scans considering the facts in the particular cases.
NIA CLINICAL GUIDELINE FOR CT (VIRTUAL) COLONOSCOPY - SCREENING:

INTRODUCTION:

CT colonography can be an effective screening test for colorectal neoplasia. However, it is more expensive and generally less effective than optical or conventional colonoscopy. The role of CTC is still being investigated as a screening modality for colorectal cancer.

INDICATIONS FOR CT COLONOSCOPY (VIRTUAL COLONOSCOPY):

- No proven indications for CT colonography for use as a screening test in the detection of colorectal cancer.
REFERENCES


Reviewed/Approved by

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