

Provider Led Entity

CDI Quality Institute AUC Questions: Rhinosinusitis*

7/31/18

Patient/Problem: Appropriateness of advanced imaging procedures in patients with the following clinical presentations:

- Acute uncomplicated rhinosinusitis (≤ 4 weeks duration)
- Recurrent acute rhinosinusitis
- Chronic rhinosinusitis that persists or worsens despite treatment
- Pre-op evaluation for functional endoscopic sinus surgery
- Diagnosis of complications of rhinosinusitis

**Rhinitis and sinusitis usually coexist and are concurrent in most individuals; thus, the correct terminology is now rhinosinusitis. Most guidelines and expert panel documents now have adopted the term rhinosinusitis instead of sinusitis (Fokkens et al 2012).*

For patients > 18 years of age, in a community outpatient setting, without pregnancy, and for the purposes of diagnosis

Interventions: Advanced testing – MRI with and/or without IV contrast; CT with and/or without IV contrast; MRA with or without IV contrast; CTA with IV contrast; MRV; CTV; scintigraphy

Comparison: Gold standard (image findings, biopsy results, surgical findings, angiographic findings); conservative management

Outcome: Diagnostic accuracy; effect on patient management; patient outcome(s)

Exclusions:

- Acute trauma
- Pediatric patients
- Pregnant patients
- Suspected malignancy.