

RADIOLOGY CHECKLISTS FOR FACE AND SINUS SYMPTOMS

Imaging Findings	Cause
Opacified sinus +/- frothy secretions or an air-fluid level; mucus membrane thickening; boney wall thickening with chronic sinusitis.	Sinus inflammation
Nasal polyps and features of sinus inflammation.	Seasonal allergies
Mass obstructing the draining meatus of a paranasal sinus; fluid/inflammatory debris within the sinus.	Sinus tumor
Arterial vascular loop (usually superior cerebellar artery) in the root exit zone of CN V versus cerebello-pontine angle mass, multiple sclerosis plaque, or schwannoma of CN V.	Tic douloureux
Caries; bone loss adjacent to the tooth root (or prior location of tooth root after tooth removal), adjacent sinus disease.	Dental disease
Displaced, nonreducing disc followed by joint space narrowing, erosion, osteophyte formation, and subchondral cyst formation.	Osteoarthritis of the TMJ
“Dark halo” on color duplex ultrasonography, wall thickening and enhancement of the temporal artery on MRI/MRA.	Temporal arteritis
Fracture, secondary opacification of an air-filled sinus, hematoma, abnormal air collection (e.g. within the orbit).	Trauma

COMBINED REPORT TEMPLATE/CHECKLIST FOR CT DONE FOR FACE AND SINUS SYMPTOMS

CT MAXILLOFACIAL UNENHANCED

INDICATION: []

COMPARISON: [Check priors to see if following a known lesion.]

TECHNIQUE: Examination was performed with automated exposure control. Axial unenhanced maxillofacial (face/sinus) CT was performed.

INTERPRETATION:

Sinuses:

Maxillary sinuses: [Opacification from fluid (inflammation or hemorrhage) or mucus membrane thickening (inflammation) or mass (tumor). Sinus wall thickening (chronic sinusitis).]

Frontal sinuses: [Opacification from fluid (inflammation or hemorrhage) or mucus membrane thickening (inflammation) or mass (tumor). Sinus wall thickening (chronic sinusitis).]

Ethmoid air cells: [Opacification from fluid (inflammation or hemorrhage) or mucus membrane thickening (inflammation) or mass (tumor). Sinus wall thickening (chronic sinusitis).]

Sphenoid sinus: [Opacification from fluid (inflammation or hemorrhage) or mucus membrane thickening (inflammation) or mass (tumor). Sinus wall thickening (chronic sinusitis).]

Nasal vault and nasopharynx: [Polyps (allergic sinusitis).]

Bones & teeth: [Discontinuity or displacement (fracture). Periradicular cyst along a current or extracted tooth root or extensive dental caries (dental disease).]

Orbits: [Intraorbital air (fracture or soft tissue injury).]

TMJs: [Joint space narrowing, osteophyte formation, subchondral sclerosis, or subchondral cyst formation (osteoarthritis).]

Otomastoid structures: []

IMPRESSION:

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COMBINED REPORT TEMPLATE/CHECKLIST
FOR MR DONE FOR FACE AND SINUS SYMPTOMS

MRI BRAIN ENHANCED AND ENHANCED

INDICATION:

COMPARISON STUDIES: [Check priors to see if following a known lesion.]

TECHNIQUE:

INTERPRETATION:

Brain and CSF spaces: [Vascular impingement of CN V by a vascular loop (tic douloureux).]

Pituitary gland and pineal:

Vasculature: [Vascular impingement of CN V by a vascular loop (tic douloureux).]

Paranasal sinuses: [Opacification from fluid (inflammation or hemorrhage) or mucus membrane thickening (inflammation) or mass (tumor). Wall thickening (chronic sinusitis).]

Nasal cavity and nasopharynx [Polyps (allergic sinusitis).]

Otomastoid findings:

Bones and joints: [Discontinuity or displacement (fracture). Periradicular cyst along a current or extracted tooth root or extensive dental caries (dental disease). TMJ space narrowing, osteophyte formation, subchondral sclerosis, or subchondral cyst formation (osteoarthritis).]

Orbits: [Intraorbital air (fracture or soft tissue injury).]

IMPRESSION: