

UT Southwestern Department of Radiology

Protocol Name: CT Maxillofacial Salivary Stone

Orderable Name: CT MAXILLOFACIAL W AND WO IV CONTRAST

Adult Only

Epic Button: Max/Face Stone

CTDIvol < 80 mGy

Indications: Suspected salivary stone

Acquisitions: 2

Active Protocol

Oral Contrast: None	IV Contrast: Link to Contrast Information Rate (ml/sec): 3 Volume (ml): 70 IV Access: Power injection: 20g or larger strongly preferred (if 22g use reduce rate to 2.5 mL/sec) Notes: Saline Test Injection: 10 sec @ injection rate	Other Contrast: None	Airway Other Notes No habitus specific kVp adjustment. Tilt head when prominent dental hardware is visible on localizer. See linked diagram.
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Last Change: 1/24/2024

Last Review: 1/8/2025

Links: [Head Tilt Instructions](#)

Special Instructions			Do not repeat CT scan, recon soft tissue from 2nd acquisition
Acq # / Series Name	1 Noncontrast	2 Contrast	N/A Contrast
Phase Timing		65 Sec	N/A
Acquisition Protocol			Recon Only
Coverage	Thru parotid and submandibular glands	Above the frontal sinus thru the mandible	Same
FOV	All sinus to include nose	All sinus to include nose	Same
Algorithm	Bone	Bone	Soft Tissue
Axial Recons	Volume	2 mm	2 mm
Other Planar Recons		2 mm coronal and sagittal	2mm coronal, 2mm sagittal
MIP Recons			
†DECT Philips			
†DECT Siemens			
†PC-CT Siemens			

† When dual energy (DE) or photon counting (PC) CT is used

