

Bryan Radiology Associates
CT maxillofacial W

Last update: 2021-01-03 JN

Setup:

- Tape vitamin E pill to right cheek.
- No bismuth shield.
- Supine, lateral scout from below the mandible through the frontal sinuses

Contrast:

- Inject 100 ml of 320 – 370 mg/dl non-ionic contrast (e.g. Iovue 370 or Omnipaque 350) @ 2 ml/sec with a 90 second delay
- Dose can be decreased for known low GFR.

Scan:

- Range: approx. 0.5 cm inferior to mandibular symphysis to approx. 0.5 cm superior to superior margin of frontal sinuses
- 18 cm DFOV is preferred

PACS Series: (slice thickness x gap)

- 1 x 1 mm AX Bone **kernel**
- 1 x 1 mm mm AX Soft tissue
- 1 x 1 mm COR Bone **kernel**
- 1 x 1 mm COR Soft tissue
- 1 x 1 mm SAG Bone **kernel**
- 1 x 1 mm SAG Soft tissue

CTDI: ~ 15 mGy

Adapted from ARA