

**Bryan Radiology Associates**  
**CT sella W/WO**

Last update: 2021-01-03

**Setup:**

- Supine, no bismuth shield
- Lateral scout from below the maxillary sinuses through the frontal sinuses

**Contrast:**

- 100 ml of 320 – 370 mg/dl non-ionic contrast (e.g. Isovue 370 or Omnipaque 350) @ 4 ml/sec

**Scan:**

- Supine helical scan from approx. 0.5 cm inferior to maxillary sinuses to approx. 0.5 cm superior to superior margin of frontal sinuses
- 15 cm DFOV is preferred
- Inject 100 mL contrast
- After 25 sec delay, repeat scan.

**PACS Series:**

- topogram
- 2 x 2 mm AX soft tissue precontrast
- 2 x 2 mm AX bone **kernel** post contrast
- 2 x 2 mm COR soft tissue precontrast
- 2 x 2 mm COR soft tissue post contrast
- 2 x 2 mm COR soft tissue precontrast
- 2 x 2 mm SAG soft tissue post contrast

CTDI: ~ 30 – 65 mGy (not to exceed 75 mGy)

Adapted from ARA