



**ONE**  
*Aquilion*



## CT cerebral arteries

### Technique

- **patient position**
  - supine with their arms by their side
- **scout**
  - mid-chest to vertex
- **scan extent**
  - aortic arch to vertex
- **scan direction**
  - caudocranial
  - can be performed craniocaudal to minimize venous contamination in the head portion of the scan, often utilized in slower scanners
- **contrast injection considerations**
  - monitoring slice (region of interest)
    - descending aorta
  - threshold
    - 100 HU
  - injection
    - 50-75 ml of non-ionic iodinated contrast with a 100 ml saline chaser at 4.5/5 ml/s
- **scan delay**
  - minimal scan delay
- **respiration phase**
  - suspended