

Other Optional CT Protocols

a) Facial Bones

- CT head is not the equivalent of CT facial bones—facial bones are not typically included in a CT head non-contrast
- Head CT can be extended to include all of mandible and skull base in order to obtain CT of both head and facial bones in one acquisition
- Clinical evidence of facial bone injury
- Additional axial, coronal and sagittal series using bone algorithm are produced
- Required in facial trauma

b) CTA of Circle of Willis (COW)

- Clinical setting of headache with intracranial bleed (SAH) and minor trauma raising suspicion of ruptured aneurysm

c) CTA of Carotid Arteries and Vertebral Arteries

- Clinical setting of penetrating or direct blunt neck injury
- Screening criteria for blunt cerebrovascular injury (BCVI) available in **Appendix H**