Outcome 3 – CT Imaging of the Head
Learning Activity

Using your iPad, and the CT Anatomy app (by iCAT Solutions), review the following scans and identify the anatomical structures listed below. If you are using another image source, find the list of structures on CT images of the head.

On each structure, tap the ••• symbol to enable "About Me" mode, and review the description of that anatomical structure.

For vessels, and some other structures, you might find it useful to tap on the →• symbol to enable the "Follow Me" mode, to follow the structure through various slices.

Once you have gone through and completed the list once, enable the "Quiz Me" feature on the app to test your knowledge.

1. Head – Axial
   <u>Brain Anatomy</u>
   a. Falx Cerebri
   b. Central Sulcus
   c. Precentral Gyrus
   d. Postcentral Gyrus
   e. Superior Sagittal Sinus
   f. Lateral Ventricles – can you list & identify the 3 horns?
   g. Corpus Callosum – can you list & identify the 4 segments?
   h. Straight sinus
   i. Fornix
   j. Tentorium cerebelli
   k. Choroid Plexus
   l. Vermis
   m. Thalamus
   n. Sylvian fissure
   o. Pineal gland
   p. Quadrigeminal Cistern
   q. 3rd ventricle
   r. Cerebral Aqueduct
   s. Confluence of the sinuses
   t. Mastoid air cells
   u. 4th ventricle
   v. Pons

w. Medulla Oblongata
x. External Auditory Meatus
y. Clivus

2. Head – Axial
   <u>Arterial Supply of the Brain</u>
   a. Anterior carotid artery
   b. Middle cerebral artery
   c. Internal carotid artery
   d. Posterior cerebral artery
   e. Posterior communicating artery
   f. Basilar artery
   g. Vertebral artery

3. Head – Axial
   <u>Bony Anatomy of the Cranium</u>
   a. Frontal Bone
   b. Parietal Bone
   c. Temporal Bone
   d. Sphenoid Bone
   e. Ethmoid Bone
   f. Occipital Bone

4. Head – Axial
   <u>Bony Anatomy of the Face</u>
   a. Nasal Bone
   b. Hard palate
   c. Alveolar Process of Maxilla
   d. Zygomatic Arch
   e. Nasal Septum
   f. Body of Mandible
   g. Head of Mandible
   h. Ramus of Mandible