



Clinical Protocol

Neonatal Head

Coronal and sagittal planes with following minimum images:

CORONAL

1. Anterior-most view including orbits
2. Frontal horns
3. Frontal horns at level of third ventricle where choroid seen in roof of third ventricle
4. Atria and occipital horns of lateral ventricles
5. Posterior brain tissue

SAGITTAL

1. True sagittal midline view
 2. Oblique parasagittal image of caudothalamic groove
 3. Lateral ventricles including frontal, temporal and occipital horns
 4. Images of brain tissue lateral to the ventricles (to include Sylvian fissure)
- Caudothalamic groove view obtained by starting in true sagittal plane and slightly rotating heel of transducer laterally.
 - Choroid plexus should be seen coursing in anterior direction cephalad to thalamus, tapering to point in depression between thalamus and caudate nucleus.
 - Choroid should always be seen to taper in region; any echogenic material in caudothalamic groove should be considered possible bleed.
 - Remainder of lateral ventricles imaged with transducer in parasagittal plane.

Refer to AIUM practice guidelines for additional views if necessary.