Fetal Neurosonography¹⁹



ROUTINE AXIAL VIEWS

1. Transthalamic plane



2. Transventricular plane



3. Transcerebellar plane



SAGITTAL AND PARASAGITTAL NEUROSONOGRAPHY VIEWS

4. Corpus callosum



- 5. Sagittal view corpus callosum and arteries
- 6. Parasagittal view lateral ventricle





CORONAL NEUROSONOGRAPHY VIEWS

7. Coronal frontal plane

- 8. Coronal transcaudate plane
- 9. Coronal transthalamic plane

10. Coronal posterior or transcerebellar plane



KEY: 3V, third ventricle; 4V, fourth ventricle; CC, corpus callosum; CF, calcarine fissure; CG, cingulate gyrus; CM, cisterna magna; CN, caudate nucleus; CP, choroid plexus; CS, cingulate sulcus; CSP, cavum septum pellucidum; CV, cavum vergae; GA, gestational age; IHS, interhemispheric fissure; LF, lateral fissure; LV, lateral ventricle; NF, nuchal fold; O, orbit; POF, parieto-occipital fissure; Post, posterior; R, right; SS, skull suture; T, thalami; TCD, transcerebellar diameter; TC, tela choroidea; Va, anterior horn lateral ventricle; Vp, posterior horn lateral ventricle; V, vermis

Table 1: Gestational age (weeks) at which sulci become visible with ultrasound.^{2,6,9}

Interhemispheric fissure	Lateral fissure	Parieto-occipital fissure	Calcarine fissure	Cingulate sulcus
10–12	19–23	18–24	18–26	22–27

Note: Fetal brains displayed in this poster are different gestational ages, used to best demonstrate anatomical structures.

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