

Fetal Development and Congenital Anomalies: First-Trimester Sonographic Examination and 3D Ultrasound Evaluation * Second- and Third-Trimester Screening Ultrasound: Guidelines and Protocols * Equipment, Transducers, and Set-Up * Central and Peripheral Nervous System (CNS/PN) * Normal Anatomy of the Brain, Screening Planes, and Fetal Neurosonography * Cerebral Ventriculomegaly, Hydrocephalus * Holoprosencephaly * Agenesis of the Corpus Callosum * Absent Septum Pellucidum and Septo-Optic Dysplasia * Posterior Cranial Fossa Cystic Malformations * Posterior Cranial Fossa Non-Cystic Malformations * Chiari II Malformation * Microcephaly * Abnormal Cell Migration: Heterotopia, Lissencephaly * Abnormal Postmigrational Development: Polymicrogyria, Schizencephaly * Intracranial Hemorrhage and Stroke, Hydranencephaly * Arachnoid Cysts * Congenital Brain Tumors * Cerebral Arteriovenous Malformations: Vein of Galen Aneurysmal Malformation, Pial Arteriovenous Shunts, Dural Sinus Shunts * Neural Tube Defects 1: Acrania, Exencephaly, Anencephaly * Neural Tube Defects 2: Cephalocele * Neural Tube Defects 3: Spina Bifida * Sacrococcygeal Teratoma * Face and Neck Anomalies * Lymphatic Anomalies and Hydrops * Fetal Heart. Congenital Heart Disease. Fetal Echocardiography * Fetal Echocardiography: Set-Up and Imaging Modes * Sequential Anatomy and Functional Assessment of the Heart * Cardiac Malposition and Situs Anomalies * Abnormalities of Systemic and Pulmonary Venous Returns * Abnormalities of Atrial and Ventricular Septation * Right Heart Anomalies * Left Heart Anomalies: Aortic Stenosis, Hypoplastic Left Heart Syndrome, Shone's Complex * Univentricular Heart: Double-Inlet Single Ventricle, Tricuspid Atresia, Mitral Atresia * Conotruncal Abnormalities * Aortic Arch Anomalies * Cardiomyopathies * Cardiac Tumors * Rare Cardiac Anomalies: Coronary Fistulas, Ventricular Diverticula/Aneurysms, Aortopulmonary Window * Fetal Arrhythmias * Thoracic Anomalies * Gastrointestinal Tract Anomalies * Urinary Tract Anomalies * Disorders of Sex Development * Skeletal Dysplasias and Muscular Anomalies: A Diagnostic Algorithm * Syndromic Conditions * Ultrasound of Fetal Infections * Ultrasound in Multiple Pregnancy