



Atlas of PEDIATRIC ULTRASOUND

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Atlas of Pediatric Ultrasound

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Diagnostic imaging has advanced remarkably in last few years. There is lot of innovation in both morphologic and functional imaging tools. However, with these advancements the accessibility and affordability remains a large concern for majority in our part of world. Ultrasonography as an imaging tool has maintained its position in armamentarium of diagnosis in medicine. Non-invasiveness and use of sound waves compared to ionizing radiation as is the case with radiography, fluoroscopy and computed tomography makes it first and at times logical choice. This is particularly true for antenatal and pediatric imaging. Bedside imaging plays a key role in managing patients in neonatal and pediatric intensive care units. Ultrasound guided diagnostic and therapeutic procedures are also a big help in patient management.

A unique feature of this diagnostic tool is its accuracy and reproducibility, which is largely operator dependant. Operator with clinical knowledge is desirable for better correlation of images with clinical situation. For obstetric and gynecological imaging ultrasound remains a favored tool in both public and private sector. The academic and educational aspects in performing ultrasonography are addressed better in hospitals affiliated with medical colleges and universities. The atlas of pediatric ultrasound by Tanveer Khalid Zubairi is an excellent effort from private sector. This is a quick refresher and pictorial reference both for post graduate students and practicing radiologists. The format is simple and easy to understand. Normal images in many chapters are useful for easy understanding of disease manifestation. Images are of very good quality and all are well supported by pencil diagrams. Plain Radiographs, barium studies, CT and MRI have been used to verify sonographic findings in some cases. Few Doppler images could be more useful such as in abdominal and bowel imaging chapter. Most of the common problems are mentioned in the book. I congratulate Dr Zubairi on editing such a beautiful and useful atlas.

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