

## **Delivering a Quality Pediatric Radiology Service**

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The presentations of certain disease entities, including its pathophysiology, and imaging manifestations are generally different in children compared to that of adults. In addition, the approach to therapy and the care of an ailing child also differ from an adult. In childhood radiologic imaging, it is important to gain the cooperation of the child to obtain an adequate imaging test of diagnostic value. To deliver a quality pediatric radiology service, it is also important to consider not only to the needs of the child but also engage the parents and / or caregivers in the their child's imaging needs, making sure it is indicated and appropriately done.

For a successful pediatric radiology service, the proper infrastructure has to be in place including: human resources, equipment, process, and workflow. Radiologists, radiologic technologists, nurses, and other healthcare personnel providing the imaging needs of children must have proper training in order to provide the most optimal imaging care. Facilities and equipment specific for children of various age groups (from infants to teenagers), which are often different from those used for adults, must be available. Additionally, processes and procedures being done must follow established standards that had been validated for use in children. In this short presentation, the main elements that make for a successful pediatric radiology service shall be discussed with special emphasis on delivering a quality and safe service.