

Training and Education for Pediatric Imaging Workforce

Prof Dr Bernard F. Lay

St. Luke's Medical Center, Philippines.

The goal of training is to equip the trainee with the general knowledge of childhood diseases as it relates to various medical imaging modalities. Training shall include both didactic and clinical experience that fosters proficiency in radiologic skills and interpretation of imaging studies in neonates, children and young adults. It must be emphasized that pediatric radiology practitioners does not only deal with patients, but they also deal with the parents as well as the pediatricians or primary care providers. Furthermore, training and education is continuous and is not limited to radiologists and other physicians, but is also extended to the radiographers, nurses, and other radiology personnel. Educating the referring clinicians also play a role in ensuring that imaging tests are done with appropriate indications.

For an effective and successful training program, it is important that institutional and personnel requirements are set. A standard curriculum and learning strategies should be drafted that matches the expected learning output. Finally, a systematic way of monitoring and evaluation shall be in place to ensure that the learning objectives are met. In this lecture, basic elements of pediatric radiology training including: basic requirements, standard curriculum, and assessment shall be presented.