

Pediatric Radiology Guidelines

Pediatric patients are accommodated based on individual modality guidelines:

Diagnostic X-ray

- No age or procedure restrictions

Ultrasound

- No age or procedure restrictions

Fluoroscopy

- No age or procedure restrictions

CT Scan

- Children under the age of six months can be successfully scanned without sedation by using sleep deprivation
- Children between the age of six months and four years can generally be scanned without sedation due to sub-second scanning. PENRAD will attempt to complete a study for these children. A CT of the Brain can be accomplished in less than ten seconds.
- Children over the age of four years are usually able to complete a study without sedation due to sub-second CT scanning.
- Pediatric sedation is not provided for CT services

MRI or PET or Nuclear Medicine

- Children under the age of six months can usually be successfully scanned without sedation by using sleep deprivation
- Children between the age of six months and four years generally require sedation and cannot be scanned by PENRAD Imaging at this time.
- Children over the age of four are usually able to complete the study without sedation due to the speed of high-field magnets and the ability of the parent to accompany the child during the study
- PENRAD nursing staff are quite adept at assisting children through these studies
- Pediatric sedation is not provided for MRI studies

The participation and assistance of parents during a pediatric study is an integral part of our imaging program.