

PEDIATRIC DOSE REDUCTION

PEDIATRIC PICC SERIES DOSE REDUCTION:

We observed that greater than 3 radiographs (up to 15 maximum) are often taken to confirm the initial replacement of a PICC in neonates, thus resulting in unnecessary radiation exposure to this particularly vulnerable population. By educating the neonatal and PICC nurses on the radiographic anatomy and proper PICC placement, our goal is to reduce the number of radiographs taken to 3 or less.

Larger studies with education for radiology staff is being conducted.