Nursing in a new Pediatric Imaging area with a Sedation/Procedural Suite

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The presenter and Golisano Children’s Hospital have no commercial disclosure.
Evolution

• Dedicated pediatric area - opened July 2015
• Staffing:
  • Nurses: 6.97 FTE’s
  • Child life specialist: 1 FTE
  • RT’s: 12 FTE’s
  • Sonographers: 2 FTE’s
  • Ambulatory techs: 3 FTE’s
  • OAS: 2.5 FTE’s
Blueprint/Design

• Less scary/more fun/child friendly
• 8 “bay rooms” for pre/post sedation with central integrated monitoring
• One procedure room that can accommodate general anesthesia if needed
• MRI/CT/x-ray/fluoroscopy/ultrasound
Golisano Children’s Hospital - Theming Overview

Celebrating Upstate New York Landscapes
Staying with the “Lake” theme, all areas are water related:

The department consists of:

- Lobby/waiting area/interactive play area
• Ultrasound (2 rooms)
• General X-ray
• Fluoroscopy

- Same day appointments
- TV screens with Netflix in all rooms
Dual Energy CT

The Siemens ‘FLASH” is super fast (256 slices), very low-dose radiation scanner.
• Procedure Room
• Reading room
3T PET/MRI
1.5T MRI

• Also dedicated to Cardiac and Neuro cases that need sedation or child life.
• Vision goggles & Pandora available
PET/MRI

- The really neat twist for a Children’s Hospital is to house the first **PET/MRI** machine in the region/state and USA.
- This will allow us to image the anatomy of a tumor simultaneously with the molecular properties without the use of ionizing radiation!
Challenges

- Learning new skills/workflows
- EMR/scheduling
- Communication with other units/IR
- New procedures
- Utilization of resources for adult patients
- Open 15 hours per day (M-F) so some Peds imaging still in adult imaging area
Accomplishments

• “TEAMWORK” New group of nurses from pediatrics/adults
• All staff attend pediatric orientation (important for the RTs working with kids with development issues)
• Bedside carts/procedure room/supply room – put together by the nurses
• Adding additional procedures after MRI with anesthesia
• Trialing pediatric patients without anesthesia
• Rad/onc recovery off site
• Increase in staffing due to volume
• Monthly birthday luncheons