Improving OR Start Times: The Role of a Pediatric Perioperative Nurse Practitioner

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Disclosure
None

Objectives
1. Learn about the history of nurse practitioners and the unique roles they participate in their profession.
2. Discuss the impact of pre-surgical screening.
3. Discuss the evolution, role and potential impact of a pediatric perioperative NP.
4. Identify how the perioperative NP can improve patient safety.
Role of Nurse Practitioners

- History of NPs
- Different settings
- Acute care NP Metrics

Perioperative Care

- Pre-Surgical Testing launches 2012
- NP presence in ASU/PACU 2018
- Inpatient Perioperative Consults 2017
- New pediatric ORs/PACU 2020

Pre-Surgical Testing

- Began in 2012
- Interdisciplinary team
- What we do
- Anesthesia consults PRN
- Same day cancellation rates
As a result...

Same Day Cancellations on DOS, 2015

OR Revenue Loss

$3,600/hr
(Girotto, Koltz, & Drugas, 2010)

T&A  1 hr  $3,600
Spinal fusion 6 hr  $21,600

University of Rochester, International Journal of Surgery

Inpatient vs. Outpatient Pre-op Evaluations

Need perioperative NP services?

<table>
<thead>
<tr>
<th>Venue</th>
<th>Number of Patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inpatient</td>
<td>2,974</td>
</tr>
<tr>
<td>Outpatient</td>
<td>4,725</td>
</tr>
</tbody>
</table>
### Inpatient Perioperative Services

- 1/3 of total surgeries are inpatient visits
- Common issues
- May 2017 – NP expanded into inpatient setting
- Consults

### Inpatient Pre-op Consults, 2017

1. Pediatric Surgery
2. Floor residents
3. Hospitalists
4. Anesthesia
5. OMF
6. Cardiology
7. Nephrology
8. PICU
9. Neurosurgery
10. Dental
11. GI
12. Orthopedics

### NP Role Expansion

- 2018 – Expanded role into ASU & PACU
- Peds anesthesia liaison/collaborating physician
- Orientation/Training with anesthesiologists
Roles of a Pediatric Perioperative NP
• Make clinical decisions
• Enter discharge medications
• Evaluate emergency add-on patients
• Update all services on patient status
• Other

Outcomes

Outcomes

First Case On Time Starts, Outpatient

Outcomes

Press Ganey Score Improvement

2017 (No NP) 2018 (NP)
Recommend the facility (for surgery) 75% 92.2%
Degree staff worked together 66.7% 85.8%
Staff ensure you were comfortable 75% 98%
Rate overall anesthesia experience 66.7% 79.80%
Future Goals

• Further development of role for 2020
• Business plan
• Research
• Metrics

Conclusions

• The role of nurse practitioners continue to expand in outpatient and inpatient settings
• Pre-operative screening optimizes patients prior to OR
• Perioperative NP can improve OR first case start times
• NPs are uniquely qualified
• Important to identify metrics to track

References


References


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