

Clinical Research Inpatient Nursing Optimization – Post Trial Activation



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Background

Moffitt Cancer Center’s inpatient nursing units routinely integrate clinical trial procedures with standard patient care. However, inconsistent communication, documentation, and coordination have led to inefficiencies. To address this, the Clinical Trials Office (CTO) partnered with inpatient (IP) nursing leadership and the Process Excellence (PEx) Department to identify workflow gaps, standardize processes, and strengthen research integration. The goal: improve efficiency, protocol compliance, patient safety, and collaboration across teams.

Focus Areas of Improvement

Protocol Deviations

Process Owner
Brittany Mack

Research Kit Process

Process Owner
Jeff Edelman

Clinical Trial Documentation

Process Owner
Lynn Burger

Communication/Partnership

Process Owner
Ali Shrewsbury

Goals

- Standardize inpatient workflows to align clinical research with routine care.
- Improve coordination between nursing and research teams to ensure quality care and protocol adherence.
- Develop consistent communication and documentation tools to reduce variability and improve transparency.
- Leverage deviation tracking to identify trends, address root causes, and implement corrective actions.

Solutions and Methods

Kaizen Event for Workflow Standardization

- Cross-functional teams mapped current workflows, identified inefficiencies, and co-developed standardization strategies.
- Clear roles and responsibilities were established to support smooth handoffs and shared accountability.

Standardization of Communication and Documentation

- Created a CRC-to-Inpatient (IP) Checklist for structured handoffs.
- Standardized documentation processes for trial-related care.
- Launched a centralized SharePoint site for trial protocols, checklists, and training.

Research Kit and Medication Handling

- Improved kit storage and management protocols for compliance and accessibility.
- Installed secure cabinets for investigational products in inpatient units.

Deviation Tracking and Process Monitoring

- Analyzed deviation data to identify trends and pain points.
- Developed a real-time dashboard to track inpatient research processes and compliance.

HUC & PASC: Comparisons

Task	IP	IP	IP	IP	IP	IP
Check patient eligibility	IP	IP	IP	IP	IP	IP
Check patient consent	IP	IP	IP	IP	IP	IP
Check patient insurance	IP	IP	IP	IP	IP	IP
Check patient medication	IP	IP	IP	IP	IP	IP
Check patient allergies	IP	IP	IP	IP	IP	IP
Check patient lab results	IP	IP	IP	IP	IP	IP
Check patient vitals	IP	IP	IP	IP	IP	IP
Check patient weight	IP	IP	IP	IP	IP	IP
Check patient height	IP	IP	IP	IP	IP	IP
Check patient blood pressure	IP	IP	IP	IP	IP	IP
Check patient heart rate	IP	IP	IP	IP	IP	IP
Check patient respiratory rate	IP	IP	IP	IP	IP	IP
Check patient oxygen saturation	IP	IP	IP	IP	IP	IP
Check patient temperature	IP	IP	IP	IP	IP	IP
Check patient pulse	IP	IP	IP	IP	IP	IP
Check patient blood glucose	IP	IP	IP	IP	IP	IP
Check patient urine output	IP	IP	IP	IP	IP	IP
Check patient stool output	IP	IP	IP	IP	IP	IP
Check patient skin integrity	IP	IP	IP	IP	IP	IP
Check patient hydration	IP	IP	IP	IP	IP	IP
Check patient nutrition	IP	IP	IP	IP	IP	IP
Check patient pain level	IP	IP	IP	IP	IP	IP
Check patient mood	IP	IP	IP	IP	IP	IP
Check patient behavior	IP	IP	IP	IP	IP	IP
Check patient compliance	IP	IP	IP	IP	IP	IP
Check patient understanding	IP	IP	IP	IP	IP	IP
Check patient participation	IP	IP	IP	IP	IP	IP
Check patient satisfaction	IP	IP	IP	IP	IP	IP
Check patient feedback	IP	IP	IP	IP	IP	IP
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