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| Site: RCH | | | Location: Emergency CT Trailer | | |
| Date: May 15, 2024 | | | | | |
| Facilitator(s): Abby Holder, Ali Abdalvand, James Beaudoin | | | BCSMS #: *Sim Use Only* | | |
| Area of Process SIM: Transfer patient from Emergency Department (trauma bay) through the ISB to the temporary CT Trailer  Objectives: Identify potential issues/concerns and strategize ways to adjust and make the event of patient transfer successful; examine path of travel from Emergency Department (Trauma Bay) to CT Trailer. | | | | | |
| What healthcare disciplines and/or public partners are required? | Nursing | Physicians | | Unit Clerk | RT |
| Nursing Students | Medical Imaging | | Lab | Medical Students |
| Residents | OT/PT | | Volunteers | Registration |
| Project Management team | Ergonomics team | | CNE / PCC | Corrections |
| Other participants: Care Aids to help with transfer | | | | | |

Post Process Simulation Log

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| --- | --- | --- | --- | --- | --- | --- |
| Impact/Risk | Priority Ranking | | Description | | | |
| Impact | High Impact | | Frequent Event | | | |
| Medium Impact | | Intermittant Frequency | | | |
| Low Impact | | Rare Event | | | |
| Risk | High Risk | | If fails, risk for significant patient harm | | | |
| Medium Risk | | If fails, possibility of minor patient harm/delays in care that is  likely to be detected | | | |
| Low Risk | | If fails, unlikely to result in harm/delays and likely to be caught | | | |
|  | | | | | | |
| System Issue Analysis Log: Environment, Supplies, Time, Patient Safety, Staff | | | | | | |
| Identified Issue/Areas for Discussion | | Discovery items & Description | | Suggested or Required Actions | Role assigned to action item | Priority Ranking (impact & risk) |
| Transfer Time | | * **Estimated total transfer time** (Emerg/CT Trailer/Emerg)**: 15 mins** * From Emerg to CT Trailer: approximately 5 mins (round to 7 mins) * From ISB main doors to CT trailer (uphill): 2 mins and 30 secs * Getting into CT Trailer doors and lower rails: 40 secs * From CT Trailer back to Emerg : approximately 5 mins (round to 7 mins) * **Note**: acknowledge time was not taken into account for transferring patient from stretcher to CT bed and actual CT scanning time | | * Use of **Red Trauma Stretcher** with rails down to facilitate efficient flow of transfer |  |  |
| Patient Safety: Weight | | * No slings/scales present in CT Trailer * No weight for hot stroke patients | | * **Take weight of patient** prior to CT Trailer arrival |  |  |
| Patient Safety:  Stabilization in constricted space | | * Patient’s head needs to align with CT Scanner’s bed and requires sufficient leg room | | * **Stabilize lower extremities** (i.e. splints) prior to patient arrival in CT Trailer to ensure adequate leg spacing when transferring patient to CT Bed from stretcher |  |  |
| Restrictions | | * Tight space allowed for patient with ventilator, pleur-evac, and lifepak on stretcher – IV pump was also present | | * **Avoid use of big equipment in transfer** (ie. rapid infuser/fluid warmer) Belmont/Ranger * Consider pressure bagging patient if required |  |  |
| Physician Support | | * Importance of physician presence | | * Consider physician staying with patient for the duration of transport |  |  |
| Swipe/ID card access to linen doors | | * Access to linen doors – CT Trailer staff does not know at the moment if access is always present to emerg staff - * Medical imaging can help open linen doors when exiting CT Trailer * During the sim process itself, doors happened to be open | | * Connecting with appropriate staff to ensure care aids and staff responsible for transfer have adequate access (**after hours access** in particular & usual business hours) |  |  |
| Portable Suction | | * Importance of suction presence | | * Consider bringing an additional portable suction |  |  |
| O2 tanks | | * 3 Oxygen tanks available in CT Trailer at present time | |  |  |  |
| Crash Cart | | * 1 Crash Cart present in CT Trailer and is checked/maintained regularly by CT Trailer staff | |  |  |  |
| Power Bar | | * Extra power bar available with no extension cord in CT Trailer * Power outlets present by entrance door but in use currently * Next available power outlets are behind CT machine | | * Consider placing a power bar with extension cord in CT Trailer to act as an extra technological resource |  |  |
| Signage/Wayfinding | | * Concerns regarding navigation to CT Trailer in ISB Corridor | | * Consider adding more signage in ISB Corridor |  |  |
| Use of Stretcher Transport Equipment | | * Equipment is in maintenance and not working * Porters do not transfer trauma patients | | * Use of this specific transport equipment requires training that Care Aids do not currently have |  |  |