



TRAUMACON



APRIL 10-12, 2024

ROSEN CENTRE HOTEL

ORLANDO, FL

Mission-Critical Efficiency:
Innovating Interdisciplinary Rounds for Swift Discharges

Presented by:

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Disclosures:

I report no relevant financial relationships that create a conflict of interest.

Objectives

- Identify how incorporating Estimated Discharge Date (EDD) as the directive for your interdisciplinary rounds can improve discharge by noon, and decrease overall length of stay
- Describe the electronic medical record and system format needed to incorporate change
- Describe the metrics measured to demonstrate outcomes



Background/Purpose

- Our hospital was often full (capacity)
- We needed to keep our doors open to those who need us most.
- Without exception.



Setting

- Level one trauma center in an urban environment.
- Volumes of approximately 6500 high acuity patients per year
- Project went live in May 2023



Procedures

- When: Project design began approximately one year prior to implementation
- Who: Discharge Task Force took ownership.
- Where: EMR was leveraged as our white board.
- How: Buy in from leadership and then education
- What: Outcomes measured



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Project Design: The Milestone Board



☆ T4H STA Med Surg 10 Patients Refreshed just now Search zzUMMC Hou...																
Location and Unit/Bed	Patient Name/Age/Gender	Primary Team	EDD Within 48 Hours	EDD COM	Level of Care	Readmission Risk Score	Therapy D/C Recommendations	Discha Order Placed	Discha Ord Rec Compl	PT Discha Ready	OT Discha Ready	SLP Discha Ready	CM Discha Ready	SW Discha Ready	Medically Ready	Primary Insurance
T4H 01-01	Ting, T (29 y.o. M)	Trauma Orthopaedic Surgery	●	2/12/2024 - RTOR 2.7	Med-Surg (Med-Surg WITHOU...	0.01	Home with intermittent su... —	✗	✗	✓	✗	—	✗	—	✗	MD PHYSICIANS CARE MCO
T4H 01-02	Singer, J (72 y.o. M)	Trauma C	●	2/7/2024 - Afternoon Westgate has accepted/ family will tour tomorrow...	Med-Surg (Med-Surg WITHOU...	0.01	Subacute rehab (OT) Subacute rehabilitation (PT) —	✗	✓	✓	✓	—	✗	—	✓	MEDICARE PART A AND B
T4H 02-02	Hilbert, W (33 y.o. M)	Trauma Orthopaedic Surgery	●	2/7/2024 - pt/ot recs then should dc to home	Med-Surg (Med-Surg WITHOU...	0.00	Home w/intermittent supe... Home with intermittent su... —	✓	✓	✓	✓	—	✗	—	✓	LIBERTY MUTUAL
T4H 04-01	Paul, A (37 y.o. M)	Trauma B	●	2/9/2024 - IR today to upsize drain	Med-Surg (Med-Surg WITHOU...	0.05	— — —	✗	✗	—	—	—	✗	—	—	PENDING MEDICAID COGNIZANT
T4H 05-01	Davis, T (29 y.o. F)	Trauma Orthopaedic Surgery	●	2/8/2024 - UMROI reviewing, awaiting auth	Med-Surg (Med-Surg WITHOU...	0.55	Acute rehab (OT) Acute rehabilitation (PT) —	✗	✗	✓	✓	—	✗	—	✓	CAREFIRST COMMUNITY HEALTH PL...
T4H 06-01	Stinchcomb, J (59 y.o. M)	Orthopaedic Surgery (UMMC)	●	2/9/2024 - PICC line	Med-Surg (Med-Surg WITHOU...	0.12	Subacute rehab (OT) Home with intermittent su... —	✗	✗	✗	✓	—	✗	—	✗	MD PHYSICIANS CARE MCO
T4H 07-07-01 (RAD XR...	Rivera, J (54 y.o. M)	Trauma A	●	2/9/2024 - SAR choices Maryland Masanoic Home...	Med-Surg (Med-Surg WITHOU...	0.18	Subacute rehab (OT) Subacute rehabilitation (PT) —	✗	✗	✓	✓	—	✗	—	✓	AETNA MERITAIN HEALTH
T4H 08-01	Washington, D (49 y.o. M)	Trauma C	●	2/9/2024 - Finished with Oral surg PT/OT recs for SAR ...	Med-Surg (Med-Surg WITHOU...	0.01	Subacute rehab (OT) Subacute rehabilitation (PT) —	✗	✗	✓	✗	—	—	—	✓	PENDING MAE REFERRAL
T4H 09-01	Funkhouser, C (31 y.o. F)	Trauma C	●	2/9/2024 - vac change at bedside	Med-Surg (Med-Surg WITHOU...	0.42	— — —	✗	✗	—	—	—	—	—	✗	WELLPOINT MARYLAND INC MCO
T4H 10-01	Coates, D (62 y.o. F)	Trauma Orthopaedic Surgery	●	2/8/2024 - home infusion/IV abx, awaiting delivery and...	Med-Surg (Med-Surg WITHOU...	0.32	Home w/intermittent supe... Home with intermittent su... —	✗	✗	✓	✓	—	✗	—	✓	—

Sample

- A convenience sample of 253 adult patients (15 years old and older)
- Patients in our sample were admitted to inpatient status on 7 surgical services:
 - Orthopedics
 - Orthopedic spine
 - Neurosurgery
 - Trauma Team A, B, C
 - Soft Tissue
- Data collected between 5/22/23-7/4/23



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Results: Outcomes and lessons learned

- Increase in **EDD compliance** from 84% to 98%**
- Improved **Discharge by Noon** from 7% to 22%.
- Average **length of stay** decreased from 5.7 to 5.2 days.
 - Broken down:
 - **Pre-op length of stay** decreased from 0.8 to 0.3 days.
 - **Post-operative length of stay** remained the same at 4.9 days.
- **Capacity alerts** (Trauma Bypass) hours decreased from 95.73 hrs. to 68.91 hrs.

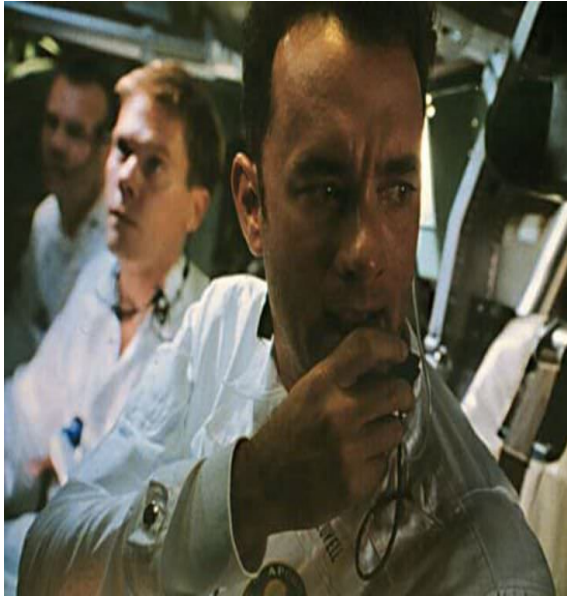
	May - July 2022	May - July 2023	
Capacity instances	19	21	
Capacity hours	95.73	68.91	28% decrease

Discussion/Conclusion/Implications

- Unify your specialties, create relationships
- Collaboration, communication and innovation
- Did our structure make the impact or our relationship building?



Questions?



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