

Is Same-Day Discharge for Mastectomy Patients Favorable?

MSK APP Symposium

December 9 - 10, 2022

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Memorial Sloan Kettering
Cancer Center

Background

Literature review

"Same-day Discharge Is Safe and Effective After Implant-Based Breast Reconstruction"

Hammond et al. (2021) conducted a retrospective review of a prospectively-maintained database of all patients undergoing nipple- or skin-sparing mastectomy with immediate implant based-reconstruction (IBR) from 2013 to 2019

- 363 patients included for analysis
- 151 (42%) enhanced recovery pathway
- 212 (58%) traditional pathway (overnight observation)
- All patients undergoing enhanced recovery, 79 (52%) were discharged same day
- Complication rate did not significantly differ between patients discharged same day versus patients admitted post-op (18% vs 24%, $P = 0.37$).
- Cases of hematoma within the enhanced recovery cohort were diagnosed in a timely fashion and managed with operative intervention

MSK Monmouth, NJ

Ambulatory Outpatient Medical/Surgical Facility in Monmouth, NJ: Opened 12/2016



5/2021 – 7/26/2022

N = 24 (no recon)

- UL TM: 23
- BL TM: 1

- **Average Age (Range): 56.5 (49-85)**
- **Median time in PACU = 2 hours**
- 1 patient taken back to OR and discharged same day
- No UCC, SCC, or Readmissions
- Recovery Tracker: No reports of severe pain symptoms

Josie Roberston Surgery Center (JRSC)

Opened in January 2016 and designed for optimal patient experience and operational efficiency

- Short-stay outpatient cancer surgery facility (limited to 1 midnight stay)
 - 64% outpatient
 - 36% ambulatory extended recovery (more complex cases)



Mastectomy w/ Same Day Discharge – JRSC Pilot

Criteria for Patient Eligibility

- Inclusion:
 - Case types: Mastectomy with and without reconstruction
 - OR Location: JRSC
 - Discuss as an option with all eligible pts who may be interested
- Considerations:
 - Past medical history (e.g., hx of chronic pain, anticoagulation with anticipated risk for bleeding/hematoma)
 - Physical/Psychological limitations (e.g., frailty assessment for patients with expected mobility issues)
 - Social (e.g. caregiver availability)
 - Preferences (e.g. patient and caregiver preference to travel)
 - Logistics (e.g. time of day)

Eligible patient's will be identified pre-op and prepared for this pathway by surgeon and clinic team

Consult/Clinic Visit - Workflow

Role	Change in Workflow
Surgeon	<ul style="list-style-type: none">• Identify and consent eligible patients• Complete dispo indicating discharge plan and case time request (indicate as 1st or 2nd case of the day)• Communicate plan to clinic team• Communicate plan to PLA surgeon if needed
Care Coordinator / Office Coordinator	<ul style="list-style-type: none">• Book with Pt Class: AXR and Post-op Destination: Home - update case notes with pt eligibility and special time request
Office Practice RN	<ul style="list-style-type: none">• Set expectations for same day discharge during teaching• Give PT video and JP Drain handout
Outpatient APP	<ul style="list-style-type: none">• No changes

PSTs, Clearance, Admitting and OR Scheduling - Workflow

Role	Change in Workflow
PSTs APP	<ul style="list-style-type: none">• Reminder to set expectations about discharge during PSTs visit
Clearance appointments	<ul style="list-style-type: none">• No changes
Admitting	<ul style="list-style-type: none">• Reminder to set expectations about discharge during day before surgery phone call
OR Scheduling	<ul style="list-style-type: none">• No changes

OR Team - Workflow

Role	Change in Workflow
BREAST APPs	<ul style="list-style-type: none">• Enter prescriptions earlier• Communicate discharge plan in handoff
OR RN	<ul style="list-style-type: none">• No changes
CRNA	<ul style="list-style-type: none">• No changes
Anesthesiologist	<ul style="list-style-type: none">• No changes

PACU Team - Workflow

Role	Change in Workflow
PACU APP	<ul style="list-style-type: none">• Review case notes to identify pt on pathway• Communicate discharge plan in handoff• Prepare patient for discharge same day• Enter extended stay order if patient deviates from discharge plan
PACU RN	<ul style="list-style-type: none">• Review case notes to identify pt on pathway• Prepare patient for discharge same day• Confirm patient watched PT video• Phone call day after surgery
Physical Therapy	<ul style="list-style-type: none">• No on-site PT for these patients, do not schedule cadence appt

JRSC OP Extended Stay Order

Workflow:

- PACU APP will enter order if patient falls off pathway and needs to stay overnight
- Email notification will go out to Breast Surgeon and Breast Surgical PAs
- Forward email to Plastics Surgeon and Plastics PAs (if needed)

JR 6-17 Allergies: Clarithromycin, Clindamycin, Penicillin	
Order:	JRSC_Extended_Stay
Requested By:	Cosenzo, Lauren
Messages:	
Care Level	AXR
Pathway	No Pathway Order Entered
Post-Op Hour:	
Reason for Extended Stay:	Mobility
Additional Information	
Decision Date:	01/10/2022
Time/Priority:	Routine

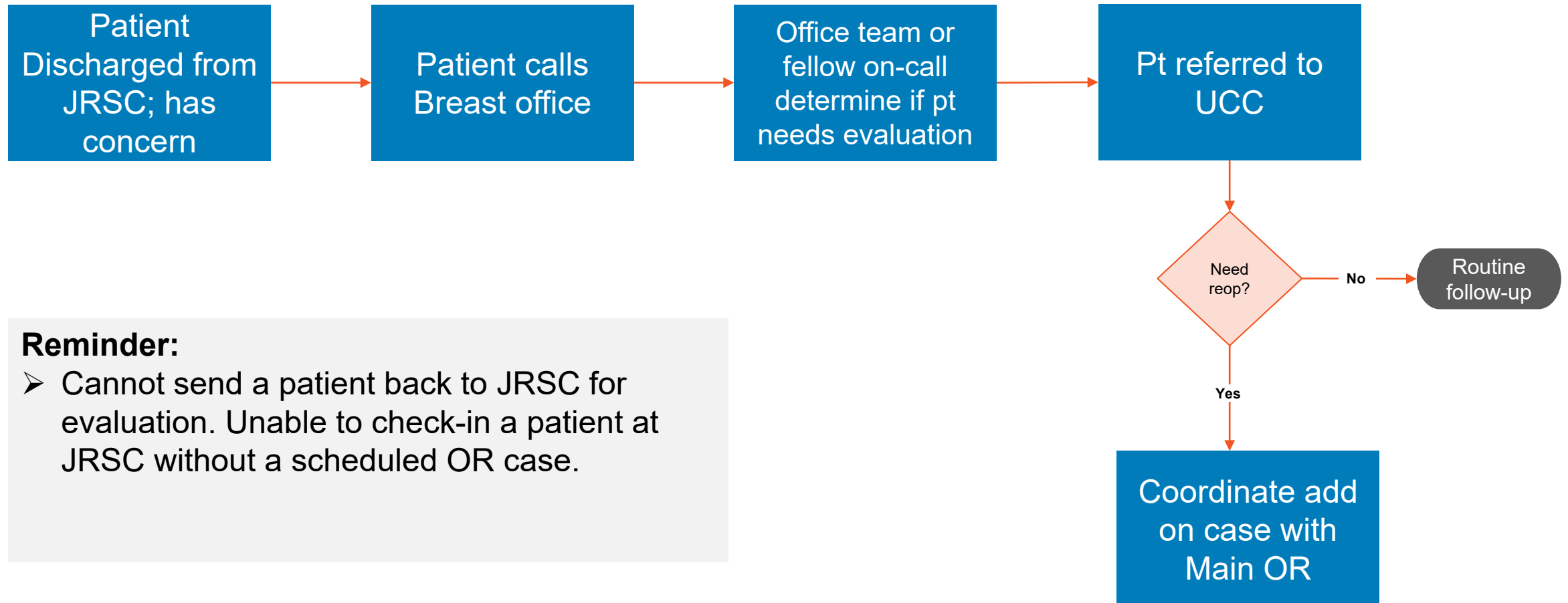
-----Original Message-----
From: CIS_Alert@mskcc.org <CIS_Alert@mskcc.org>
Sent: Tuesday, November 30, 2021 5:40 PM
To: [zzPDL_JRSC_Admit_Transfer](mailto:zzPDL_JRSC_Admit_Transfer@mskcc.org) <zzPDL_JRSC_Admit_Transfer@mskcc.org>;
Subject: JRSC_OP_Extended_Stay Released
Importance: High

****NOTICE**** 'JRSC_OP_Extended_Stay' order has been placed for:

Patient Name:
MRN:
DOB:
Service: Plastic
Requested By:
Attending MD: Nelson, Jonas
Entered by: Fajardo, Cristina, NP
Location: JR 4-10

Order Details:
Post-Op Hour: 1
Reason for Extended Stay: Transportation/ Escort
Decision Date: 11/30/2021
Time/Priority: Routine

Reoperation- Workflow (simple)



Reminder:

- Cannot send a patient back to JRSC for evaluation. Unable to check-in a patient at JRSC without a scheduled OR case.

JRSC Same Day Mastectomy Case Review

1/2022 – 7/26/2022 (PILOT)

N = 23

- UL TM: 3
- BL TM: 5
- UL TM w/ recon: 7
- BL TM w/ recon: 8
 - w/ ALND: 3
- **Average Age (Range): 51.6 (32-71)**
- **Median time in PACU: 6.8 hours (3.5-10)**
- No UCC, SCC, or Readmissions
- Recovery Tracker: No reports of severe pain symptoms
- **Extended Stay**
 - 1 patient stayed overnight per her request

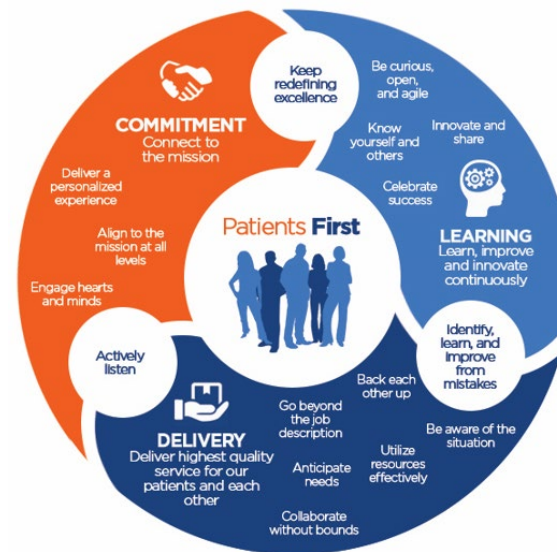
JRSC Mission & Vision

Clinical quality & safety

Unmatched patient experience

Efficiency and cost-effectiveness

Innovation, collaboration, and continuous improvement



References

Hammond, Jacob B. MD, Thomas, Olivia, Jogerst, Kristen MD, MPH, Kosiorek, Heidi E. MS, Rebecca, Alanna M. MD, MBA, Cronin, Patricia A. MD, Casey, William J. III MD, Kruger, Erwin MD, Pockaj, Barbara A. MD, Teven, Chad, MD (2021). Same-day Discharge Is Safe and Effective After Implant-Based Breast Reconstruction. *Annals of Plastic Surgery*, 87, (2), 144-149.