



## Educating the multi-disciplinary team to optimize acute PT utilization

APTA CSM 2016 \* February 17-20, 2016 \* Anaheim, CA

Adele Myszenski, MPT  
 Krissy Stein, MPT, CCCE  
 Jen Trimpe, MPT  
 Henry Ford Hospital, Detroit, MI

## Disclosures

- None


## Objectives:

- Identify and discuss tools to empower therapists to advocate for appropriate utilization of PT services
- Compare educational needs of referral sources and individual members of multi-disciplinary team
- Explore various methods for delivery of education including specific examples
- Define data collection methods and tracking of success rates & barriers

## Henry Ford Health System



**Core Services:**

- 4 acute care hospitals
- 3 behavioral health hospitals
- 40 Medical Centers
- Health Alliance Plan insurance company
- 1200 group practice physicians & scientists (3<sup>rd</sup> largest in US)
- 2200 private physicians
- 1500 MD & DO residents





## Henry Ford Hospital

- Level 1 Trauma center
- 802 beds (168 ICU beds)
- 16<sup>th</sup> largest teaching hospital in US
- One of largest non-university research programs in the US
- Largest number of ICU beds in Michigan, one of the largest in the nation
- Founded in 1915

## Henry Ford Hospital

- Founded by innovator Henry Ford
- Recruited from Hopkins School of Medicine; focus on clinical discovery
- Dr. Mayo advised model of medical practice
- Focus of service and quality continues
- Rehab competencies have been shared with over 150 hospitals in 27 states

### Southeast Michigan

- Utilization of PT and OT can be highly driven or affected by insurance, regulatory requirements
- Very competitive health care environment
  - Third party payers
  - Skilled nursing facilities; Subacute rehab facilities

### Background

- Large volume of “inappropriate” consults
- Consulted for completely dependent or independent patients
- Decreased time and resources from patients requiring skilled PT services
- Therapists providing basic mobility or discharge recommendations only

### Background

- Timely and appropriate utilization of PT services:
  - optimizes patient care
  - reduces cost by delivering care that is efficient and patient-centered
  - Reduces discharge delays
  - Allows PTs to be more productive, effective, have the most impact on a patients life
  - “I get to do what I do best every day”

### Physical Therapist

[ Generate image at [www.whatreality.com](http://www.whatreality.com) ]

### Background

“We need a note for patient to go back to the nursing home”

“I need a walking pulse ox on my patient: consult PT”

“The nurse said I needed to wait for PT to get up”

“Patient needs a walker because he uses one at home”

“I couldn’t get them up because I didn’t have a belt”

“Well, the therapist has magic powers if they can get that patient up”

### Introduction

- Started informally
- Structured approach needed
- Collaborated with our #1 source of “inappropriate orders”
- Teamed up for QI project

## House Officer QI Project

- Data collection by therapists
  - For every physician order, a therapist subjectively evaluated the appropriateness of the consultation using predefined objective criteria and collected other data points

Days After Admission/Transferred to the Unit/Read Order Placed	Date Consult Initiated	Date Consult Completed	Time Consult Completed	Reason not seen within 24 hours	Order is Routine or STAT	Appropriate Consult	Inappropriate Consult
0-1 days in ICU or other floor			0-12 hours	24 hour mark was overnight	Routine order	Frequent Falls	Patient independent correctly
On Admission/Transfer to/IDW			13-24 hours	24 hour mark was over weekend	Duplicate routine order	Admit from Rehab	Patient completely dependent at baseline
1 day			25-36 hours	Downprioritized due to volume	STAT order	Suspected Need for Rehab	Active medical issue - present at time of consult
2 days			36-48 hours	Patient Unavailable / Off floor	Duplicate STAT order	Specific Question	Active medical issue - not present at time of consult
3-4 days			>48 hours	Patient not appropriate due to medical issue	Other	Requested by Case Manager	Inappropriate STAT consult - not ready for 24 hrs
5-6 days				Other		Functional Decline from Baseline	Inappropriate STAT consult - consult indicated sooner
7 or greater days						Other	Other

## Empowering Therapists as our own advocates

**Introduction**

Physical and Occupational Therapy (PT/OT) services are a limited resource in the inpatient setting.

Inappropriate PT/OT consults take time and resources away from patients more deserving of skilled rehab services.

A reduction in inappropriate consults would facilitate limited resources to be devoted better to patients who need them.

**Methods**

Prospective Observational Study

Population

- We reviewed all physician orders for PT/OT services placed on the General Medical Floor over a five week period each pre and post intervention.

Basic PT/OT order a five week period each pre and post intervention.

Data Collection

- For every physician order, a therapist subjectively evaluated the appropriateness of the consultation using predefined objective criteria.

Interventions

- No inpatient additional resident physician education existing in which a consultation is appropriate.
- We implemented daily collaboration between residents and physical/occupational therapists in order to weed out inappropriate consults.

**Results**

Number of Consults	Pre	Post
Number of Interventions	306	206
Inappropriate Consults by Category		
Active medical issue	8 (11%)	4 (11%)
Pt completely dependent	21 (40%)	14 (40%)
Pt independent	19 (28%)	18 (11.4%)
Total	50	31

**Time to consult completion**

**Observations after intervention**

- 33.3% relative reduction of inappropriate consults.
- 33.3% relative reduction of number of consults seen after 48 hours. However, there was also a decrease in the number of patients evaluated within 24 hours.
- No improvement was noticed in down-prioritization of consults.
- No improvement in number of STAT orders was observed.

**Outcomes of the project**

- We identified that inappropriate PT/OT consults and delays in completion of consults are important issues which need to be addressed.
- Interventions at the resident level in the form of ongoing education and daily collaboration with therapists can help in optimization of PT/OT service utilization.
- Continuing interventions implemented in our program include:
  - Noon conference resident education
  - Pocket card reference as a frequent reminder
  - Initiation of collaborative pilots aimed to improve communication between therapists and physicians.

**Potential areas for further research**

- Can we quantify the prolongation of patient's hospital stay (because of delay in PT/OT evaluation)? Is there a significant financial burden to the institution because of this?
- Can we offset costs due to an increase in hospital time by hiring more therapists?

**Areas for potential improvement noticed before intervention**

- Number of inappropriate consults.
- Time to consult completion.
- Down-prioritization of consults due to volume.
- Number of STAT orders, (a backup mechanism of consults for patients leaving the same day)

## Outcomes of Project

- 33.3% reduction in "inappropriate" consults (From 18% to 12%)
- Identified need for more targeted education – what do MDs really want to know?
  - Noon conference education – Physician to physician training
  - Pocket Card Reference
  - Various trials for collaboration

## Introduction

- Educating the multidisciplinary team is key
- Consider each discipline and team members' roles
  - Referral sources
  - Approach to patient care
  - Level of education
  - How they learn best

## Introduction

- Therapists need to advocate for their profession
- Education is constant and ongoing
- Change habits
- Don't quit!

## Empowering therapists as our own advocates

### Empowering therapists

- Knowledge of scope of practice
- If therapists feel comfortable defining their role, they can communicate with other staff to prevent misuse of time and services.

### Empowering therapists

- In 2013, clinicians from the Mayo Clinic presented at CSM and published a unique system for triaging acute care patients

Case Report

Development of a Unique Triage System for Acute Care Physical Therapy and Occupational Therapy Services: An Administrative Case Report

Jillie A. Hobbs, Julia F. Boyers, Kimberly A. McGarry, Jeffrey M. Thompson, Jon T. Nordrum

### Getting it Right – Staff Resource

ARIOT 2  
Acute Rehabilitation Innovation and Optimization Team – Part 2

“Getting it Right” in Acute Care

Staff Resource

Communication—Talking Points

Use these talking points to communicate your clinical decisions to other colleagues.

This is not the **RIGHT PATIENT** because:

- No acute functional loss
- Loss is transient and will improve without therapy
- Patient does not need skills of a therapist
- Patient does not have the capacity to learn

Therapy is not the **RIGHT PROVIDER** because:

- Nursing or family members can provide service
- The clinical condition does not require specialized skills

This is not the **RIGHT SETTING** because:

- Therapy will not change the length of stay or discharge disposition
- It is most appropriate to address the condition in an outpatient setting
- The patient has met all acute goals

This is not the **RIGHT TIME** because:

- The patient is not making functional gains
- The patient has met all acute care goals
- The patient’s medical condition prohibits them from participating meaningfully in therapy

### Getting it Right

- In acute care, to determine ongoing therapy needs, we need to answer several questions:
  - Who is the **right patient**?
  - Who is the **right provider**?
  - Where is the **right setting** for providing therapy services?
  - What is the **right amount, frequency and duration** of services?
  - When is the **right time** to start and discontinue therapy services?

### Who is the Right Patient?

- Does the patient have **unmet goals** which need to be achieved in acute care setting?
- Is intervention focused on an **acute medical change** versus a chronic condition?
- Is the patient functioning **below baseline**?

### NOT the Right patient:

- No acute functional loss
- Patient does not need skills of a therapist
- Patient does not have the capacity to learn.
- Loss is transient and will improve without therapy or patient is independent

### Is PT or OT the right PROVIDER?

- Is the therapy **complexity**/sophistication such that only a qualified therapist could do?
- Is the care too complex to be transferred to another provider such as nurse, PMA or family member?

### Empowering therapists

- Confidence in clinical skills
  - New hire orientation
  - Department competencies
  - Mentoring
  - Team huddles
  - Evidence-based article review
  - Acute Care listserv
  - Collaboration with outside facilities

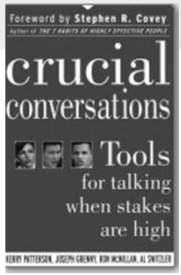
### Empowering therapists

- Scripting of key phrases
- Embracing “teachable moments”
- Regular communication with members of team
- Support from management
- Training for crucial conversations

### Crucial Conversations

Scripting

The more you just don't want to talk about it, the more you need to know how to speak up skillfully.



#### Crucial Conversations

BY KELLY BOOKS, PREVIOUS EDITION ON APRIL 13, 2011      HOPKINS NURSE PAST ISSUES SIBILEY SPRING 2011

Nurses Learn Communications Strategies That Improve Patient Safety

“Staff also learn to recognize the feelings they bring to the conversation and to listen to other sides of the story, all while staying focused on — and quickly resolving — the central issue at hand. “In healthcare you have to be able to speak to somebody spontaneously,” says Haresign. “If you can state facts and not worry about the emotions, you can really get to the point of what you need.”

### Silence Kills

The Seven Crucial Conversations in Healthcare

David Maxfield, Joseph Grenny, Ron McMillan, Kerry Patterson, and Al Switzler

#### Why Don't People Speak Up and Share Their Full Concerns?

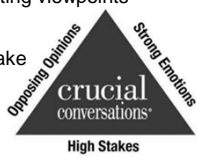
The obvious reason is that confronting people is difficult. In fact, most respondents to the survey indicated it was between difficult and impossible to confront people in these crucial situations. People's lack of ability, belief that it is "not their job," and low confidence that it will do any good to have

**Lack of Support:** 53 percent of nurses and other clinical-care providers report that 10 percent or more of their colleagues are reluctant to help, impatient, or refuse to answer their questions. 83 percent have a teammate who complains when asked to pitch in and help. On the

*"Some people here are burnt out. They've lost the excitement or have some personal issue in their life ."*

### Crucial Conversations

- What makes a conversation "crucial" vs. typical?
  - Opinions differ
    - what is best for patient; conflicting viewpoints
  - Strong emotions
    - Professional credibility is at stake
  - High Stakes
    - Patient care can be impacted



### "Common" Crucial Conversations

- Critiquing a colleague's work
- Talking to a team member who isn't keeping commitments
- Talking to a nurse about patient's lack of mobility
- Talking to a physician about referral patterns
- Talking to a case manager who refers a patient to SNF even though you recommend IPR

### Crucial Conversations

- How do we typically handle crucial conversations?
  - We can avoid them
  - We can face them and handle them poorly
    - Emotions tend to rule; your body physically reacts
    - We are under pressure or we are stumped
    - We act in self defeating ways
  - We can face them and handle them well

### Crucial Conversations

- Mutual Purpose:
  - When others believe you are genuinely committed to their best interests, they stop resisting you and become more open to your interests
- Show mutual respect

### Considerations

- Am I pretending not to notice my role in the problem?
- What should I do right now to move toward what I really want?
- Be concise

### **Strategies for Success**

- “One of the best ways to persuade others is with your ears - by listening” - Dean Rusk
  - Interrupts defensiveness

### **Strategies for Success**

- Don't begin a conversation telling someone what they are doing wrong
- Begin a conversation with facts not assumptions
- Remember to ask yourself why would a decent, reasonable and rational human being behave this way

### **Strategies for Success**

- Scripting examples
- Practice responses:
  - Doctor consulted on a patient that walked to the gift shop
  - Nursing asking when you are coming back to get the patient back to bed

### **Educational needs of referral sources & Methods for delivery of education**

### **Know your Audience**

- Providers:
  - Senior staff physicians
  - Hospitalists
  - Residents, medical students
  - Mid-level providers – Nurse Practitioner, Physicians Assistant
- Nursing staff
- Case management/Social Work

### **Providers**

### Senior staff physicians

- Academic
- In some cases, not front line
- High level of experience
- Could be resistant to change
- Can be champions for process improvement due to position

### Hospitalists

- Staff Physician
- Primary Care provider in acute care
- Front Line
- Could be resistant to change especially if private practice
- Can be champions due to position

### Residents & Medical Students

- Focus on immediate medical needs, not ancillary staff or bigger picture
- Lack of training & experience with rehab in medical school
- Receive delegated tasks; report back to senior staff
- Look for path of least resistance

### Mid-level providers

- Non-rotating staff
- Varied education level, PA (medical model) vs NP (nursing model)
- Education is specific to service line

### Delivery of Education

- PowerPoint presentations
  - Senior Staff may receive only via email
    - Only more pertinent facts, statistics & evidence
  - For residents: provide at initial orientation
    - Include Case Studies with Learning points
      - Created by chief resident

### Delivery of Education

- Refresher talks - Rotation to new service
  - Brief, to-the-point descriptions: role of PT, discharge destinations, checklists
- Pocket cards
- One-on-one training



## Provider Considerations

- Short attention spans! Need to be concise.
  - High demands, long hours
- Don't go into unnecessary details
- Describe in medical model definitions – speaks to physicians
- Want to build trust and respect

## Provider Examples

## Pocket Card

Henry Ford Hospital Rehabilitation Services  
Physical and Occupational Therapy  
Provider Quick Reference Updated June 2015

**CONTACT INFORMATION:**  
See Appendix A for Contact List for OT/PT Paper  
Main: 800-735-0033, 313-936-1800  
Discharge Planning only: Daily 7:55-2:00, 16-2216  
Leave a message 24/7: 313-936-1800, ext 444

**When to consult PT and/or OT (ICU or OR) (PACU) (see #174, 074):**

- Decline in Functional Status from Baseline (acute not chronic)
- Altered level of consciousness (NPO basic nursing home)
- New weight bearing restriction
- Compromised functional status (e.g. fall, delirium, etc.)
- Patients on long-term projects or acute treatment, such as Surgery, Stroke Unit, Cardiac Rehab, Vascular, Transplant, etc.

**Discharge Planning:** Call 16-2216 for patients requiring PT and/or OT 24hrs/day for patients with orders older than 0703 that day. Covers their OT/PT that are inpatient unless an ambulance less than 24 hrs

**When NOT to consult PT and/or OT:**

- Totally dependent patients (at home with 24 hour care or basic care nursing home)
- Management with stability or stable, or all symptoms resolved after a consult is written (these consults are discontinued)
- "One" maintenance activities (basic mobility that can be done by self - getting a patient out of bed, walking for exercise, transferring with assist, emptying a replacement catheter, rearing home PT or OT, passive range of motion only)

**Admission Criteria:**

- Patients on transfer will not be mobilized by having PT or OT
- Other medical orders, orders to As Needed or Progressive

**OBSERVATION Status:** one time visit for IAR from Obs or DM/Training, equipment fitting and documentation. MOCM/DNAI: must call 16-2216

**Discharge Planning:**

- Final discharge destination is determined by the multidisciplinary team. PT and OT will recommend an optimal goal/acute setting from a range of potential care locations (see Appendix B) for needs at discharge. \*Medicare requires 2 night hospital stay for placement

**Discharge destinations**

**Acute Rehabilitation**

- Hospital-based inpatient rehab unit
- Patient's medical orders require an intensive program with
- Available therapies: PT, OT, and/or Speech with 1:1 therapy AND
- Patient's medical condition requires 24/7 supervision by rehab nursing and case management by rehab physician
- HFOU units located at HF Wyandale & Mainline Clin. Temp

**Subacute/Rehabilitation (ICU or OR) Subacute/Rehab**

- Subacute program in a skilled nursing setting
- Patient may not require more than 1 therapy PT, OT, SLP
- NOTE: would care in IV antibiotic only. NO PT or OT consult

**Long Term/Assisted Care**

- Capable of being ventilated/patient and other medically complex patients that are PNF or sub-acute while current accommodate

**Basic/Rehab/Other**

- Do NOT require PT and OT consult unless there is a change/indication in function from baseline

**State** with various levels of assistance or supervision

- Home PT and/or OT Home Safety Evaluation
- Durable medical equipment
- Community Resource Center Assessment Center at Cottage Center for OT, Speech, Rehab (on weeks, etc)

**Scope of Practice in Acute Care**

Both PT and OT are trained in the medical model to provide detailed assessments and interventions (task modification, strengthening, neuromuscular re-education, trunk stabilization, balance activities) after injury or illness. Backed by evidence-based literature.

In addition, each discipline focuses on the following goals:

**PT:** Assess and promote independence with activities of daily living (ADLs) and IADLs, maximize patient's ability to walk, dress, groom, lift or move their items, optimize and participate in 1:1 related to safety in ADLs and basic mobility.

**OT:** Assess and promote independence with activities of daily living (ADLs) and IADLs, maximize patient's ability to walk, dress, groom, lift or move their items, optimize and participate in 1:1 related to safety in ADLs and basic mobility.

**PT:** Educational/teach, assess and promote proper movement strategies and safety with bed mobility, transfers, gait and stairs, interventions that will maximize performance of target task/step system, musculoskeletal and neuromuscular systems, (ration of activity responses to physiological status).

## PowerPoint Examples

## Objectives for Provider education

1. Review scope and skills of Physical Therapy and Occupational Therapists in the acute care setting
2. Discuss when a consult for PT and/or OT is appropriate and when one is not the best use of hospital resources; How to consult
3. Provide updates, statistics and processes for consults, Pathways, Obs unit and QI Initiatives

## PowerPoint Examples

- How to Consult
  - Include any orders for weight bearing status, ROM or other precautions
- Insurance considerations
- Discharge planning
- Discharge Pending process

### Introduction

- Consults to PT or OT Provide:
  - A detailed functional assessment
  - Individualized treatment plan for functional and self care deficits
  - Discharge recommendations for next level of care
- Entry level requirements: DPT, MPT State board licensure
- Right patient, Right provider, Right timing for acute care

### Scope of PT and OT in acute care

- Detailed assessments
  - thorough chart review PMH/PSH, present medical history, lab values, radiology exams, consult reports, physician daily notes, vital signs trends, functional assessment, etc)
- Interventions
  - task modification, strengthening, neuromuscular re-education, trunk stabilization, balance activities) after injury or illness in ICU and GPU
- Recommendations for optimal post-acute setting

### Scope of the Physical Therapist

- Assess and promote proper movement strategies and safety with bed mobility, transfers, gait and stairs; Training with assistive devices for mobility (walkers, crutches, canes)
- Interventions that will maximize performance of the oxygen transport system, musculoskeletal and neuromuscular systems
- Titration of activity in response to changes in physiological status.

### Scope of the Occupational Therapist

- Assess and promote independence with **activities of daily living (ADLs)** and daily life roles, including patient’s ability to bathe, dress, groom, toilet or feed themselves
- Cognition and perception as it relates to safety in ADLs and basic mobility
- Treatment to overcome deficits contributing to decreased independence with ADLs
- Post-op, includes adapting ADL’s to maintain restrictions and/or precautions

### Statistics (example)

	PT	OT
Average DAILY total pts in queue	200 patients	210 patients
Average FTE M-F	13.5	10.6
Average FTE Sa-Su	3.0	2.0

- Order time to evaluation completion is 24-48 hours. Follow up care is typically 2-3 times per week unless patient has no medical reason for continued admission and requires PT or OT to clear to go home.

### What You Can Do

- Consider the patient’s functional level and/or home situation in addition to medical when examining the patient
- Ensure that activity orders (“Progressive Mobility”) are appropriate so that patient is mobilized by nursing staff
- Improve timeliness of discharge planning

### When NOT to consult PT and OT

- Patient's baseline level of functioning is totally dependent (at home with 24 hour care or basic care Nursing home)
- Patient is already independent with mobility or activities of daily living
  - If a patient's functional status improves to independent while inpatient, please CANCEL a previously placed PT or OT consult
- Solely for maintenance activities (Basic mobility can be done by nursing)
  - Getting a patient out of bed
  - Walking a patient in the hallway for exercise
  - Monitoring SaO2 with activity
  - Ordering a replacement walker
  - Passive Range of motion only (to prevent contractures)

### Checklists

2013 Peter Pronovost - The New Yorker

## THE NEW YORKER

ANNALS OF MEDICINE  
THE CHECKLIST

*If something so simple can transform intensive care, what else can it do?*  
BY ATUL GAWANDE

DECEMBER 10, 2007



### Checklists

#### A CHECKLIST FOR CHECKLISTS

Development	Drafting	Validation
<ul style="list-style-type: none"> <li>Do you have clear, concise objectives for your checklist?</li> <li>Is each item:                             <ul style="list-style-type: none"> <li>A critical safety step and in great danger of being missed?</li> <li>Not adequately checked by other mechanisms?</li> <li>Actionable, with a specific response required for each item?</li> <li>Designed to be read aloud as a verbal check?</li> <li>One that can be affected by the use of a checklist?</li> </ul> </li> <li>Have you considered:                             <ul style="list-style-type: none"> <li>Adding items that will improve communication among team members?</li> <li>Involving all members of the team in the checklist creation process?</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Does the Checklist:                             <ul style="list-style-type: none"> <li>Utilize natural breaks in workflow (pause points)?</li> <li>Use simple sentence structure and basic language?</li> <li>Have a title that reflects its objectives?</li> <li>Have a simple, uncluttered, and logical format?</li> <li>Fit on one page?</li> <li>Minimize the use of color?</li> </ul> </li> <li>Is the font:                             <ul style="list-style-type: none"> <li>Sans serif?</li> <li>Upper and lower case text?</li> <li>Large enough to be read easily?</li> <li>Dark on a light background?</li> <li>Are there fewer than 10 items per pause point?</li> <li>Is the date of creation (or revision) clearly marked?</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Have you:                             <ul style="list-style-type: none"> <li>Tried the checklist with front line users (either in a real or simulated situation)?</li> <li>Modified the checklist in response to repeated trials?</li> </ul> </li> <li>Does the checklist:                             <ul style="list-style-type: none"> <li>Fit the flow of work?</li> <li>Detect errors at a time when they can still be corrected?</li> <li>Can the checklist be completed in a reasonable time period of time?</li> </ul> </li> <li>Have you made plans for future review and revision of the checklist?</li> </ul>

Please note: A checklist is NOT a teaching tool or an algorithm

### Checklist / Red Flags

If answer is YES to any, a PT and/or OT consult may be appropriate:

- Has the patient had a decline in Functional Status from Baseline?
- Was patient admitted from a subacute (NOT basic nursing home) or acute rehab facility?
- Has the patient had a Fall at home in the last 6 months?
- Does patient have a weight-bearing restriction or specific precautions related to mobility?
- Is PT and/or OT on pathway or protocol for post-surgical patient? ie: Joint Replacement, Spine Surgery, Stroke Unit, Cardiac Rehab, Vascular, Transplant, etc

### Professional Collaboration

- Clinical practice issues
- Post op protocols
- Hemoglobin guidelines
- Examples
  - PEG tubes for digestive disorders
  - High Risk Pregnancy
  - ENT
  - Specialties

### Nursing

## Nursing

- Nursing model of education
  - Breadth of knowledge vs depth of knowledge
- Objective is to increase basic patient mobilization
- How can mobility be a part of their tasks?

## Nursing

- Delivery of education
  - Inservices
    - Train the trainer
  - Nursing mobility champions
  - Grand Rounds
    - Review patient cases
  - Online courses
    - Initial training
    - Remediation

## Nursing

- Delivery of education
  - Tools that increase confidence, patient safety
    - Transfer training
    - Body mechanics
    - Effective use of gait belts
    - Appropriate equipment, furniture/chair usage
  - One-on-one training as needs arise

## Nurses

- How they will incorporate into daily practice
- Examples:
  - UE ROM can be completed WHILE the patient is turning for peri-care in bed
  - Have patient do self-care with set-up and assist for thoroughness – save staff work, too

## Nurse Examples

## Train the Trainer

Train-the-trainer  
C5/C6 Mobility project

### Gait Belt Use

- Purpose: Gives something to hold onto instead of a hospital gown.
- Place snugly around waist (room only for your fingers to fit between the patient and the belt); ensure belt is fed through "teeth" of buckle to allow proper tightening.
- May need to re-adjust or tighten again when patient stands if belt becomes too loose (patient must be able to stand safely); for obese patients, "over" tighten the belt if necessary before standing.
- Avoid incision areas.
- Hold in back, not front or side

### Transfer Tips

- Room set up is key
  - Chair right next to bed
  - Lines draped or out of way
  - Linens on chairs (can be used to lift patient out of chair if necessary)
  - Stryker chair when in doubt

### Train the Trainer

- For Slide transfers, use slide board or orange slide sheets
- Can also stand pivot to a ~~stray~~ (in case patient fatigues after sitting, can be slid back to bed)
- Stand close to patient
  - Easier to lift from center of gravity
  - Example: easier to hold a gallon of milk close to body than at arm's length away
  - May also want to support knees/feet (avoid bone-on-bone contact between care provider and patient)
- Patient should be positioned with feet flat, knees lower than hips and slightly forward relative to feet; lean trunk forward ("hinge" at hips) with "nose over toes" prior to attempting stand
- Maximize patient participation: have patient push up from bed, if possible. If patient is a "grabber" or "pusher" have them put their arms around your waist or the back of your arms/elbows (DO NOT have them hold around your shoulders or neck); OR ask for assistance from a colleague

### Nurse Education

- PowerPoint
  - Delivered as Healthstream module required for all nursing
  - Grand rounds

### HFHS NURSE DRIVEN MOBILITY PROTOCOL The 6th Vital Sign

- Henry Ford Health System Nursing Development (OH 312, 11/1/2015) is an approved provider of continuing nursing education by the Ohio Nurses Association (OBN-001-91), an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.
- To receive 1.0 CE's, the participant must complete the program in its entirety and submit a program evaluation .

### Objectives

1. Identify the effects of immobility on the human body
2. Understand the concepts of the new HFHS Nurse Driven Mobility Protocol
3. Identify small changes in practice that will enhance the culture of mobility
4. Learn 1 tip for success to use mobilizing your patient population.

### Do No Harm!

- Nurses can prevent the complications of immobility that take away patients ability to have a meaningful life after hospitalization.
- Mobility is a Nursing standard of care!
- The Nurse Driven Mobility Protocol will guide effective and safe mobility for all patients.

### Effects of Immobility...

- ↑ hospital LOS
- ↑ risk for pneumonia
- ↑ risk for pressure ulcers
- ↑ risk for delirium
- ↑ recovery time
- ↑ discharges to skilled nursing facilities as opposed to home.
- The effects of immobility affect every body system

### Effects of Immobility...


- Skin
  - The GREATEST RISK FACTOR for pressure ulcer development is immobility

Immobility Increases Pressure Ulcer risk by

# 87%

### Mobility Level 3 Tips for Success

- Patient needs to scoot to the edge of the bed or chair to be able to stand.
- (Try it! It is very difficult to get out of the chair when sitting all the way to the back of it.)



### Small Changes

- Start getting patients in the chair for all meals.
- Marking distance on walls, and have patient keep track. (Another way to measure is that each ceiling tile is 2 feet)
- Put mobility level and goal on white boards.
- Dangle is a good starting point for staff and patient, start there and progress as patient tolerates!

### Rehabilitation Services

- If the patient is not progressing as expected or not tolerating interventions collaborate with the physician to order physical and occupation therapy consults.



### Other ppt examples

#### Helpful Tips

- If unable to stand from bed, may raise bed height up to make it easier
  - Consider if it's safe for patient to sit in a chair, or consider adding pillows to make it easier for patient to get out chair, or use a Stryker chair
- Lower bed height to help patient get back into bed
- If extra help is needed: one person on each side of patient
- Stand close to patient, easier when patient is closer to your center of gravity
  - Ex: lifting gallon of milk with outstretched arms vs close to body

### Nurse Assistant Orientation

- Mandatory
- Monthly
- 30 minute PowerPoint
- Practice
- Check off session

## Nurse Assistant Orientation

### Moving Patients (special considerations)

- Always check with the RN regarding the patient's activity order
- Encourage the patient to help as much as possible
- Before moving the patient, place IV's & catheters so they won't be pulled
- Give more support to the heaviest parts of the patient's body
- Move with smooth and steady motions

## Nurse Assistant Orientation

Clinical Competency Development and Evaluation Guide

Name: \_\_\_\_\_ Unit: \_\_\_\_\_

Title: Assisting With Ambulation: Gait Belt

Procedure:	Skills Lab	Practice 1			Practice 2			Practice 3		
		1	2	3	1	2	3	1	2	3
1. Wash hands, using friction.	*									
2. Take patients vital signs and report vital signs and clarify ambulation orders with RN.										
3. Walk route planned to ensure no objects are in the way (ex: tray tables, chairs, trash cans, etc.)										
4. Explain procedure to patient.										
5. Place bed in lowest position, lock bed elevate HOB.										
6. Assist patient to sit on side of bed. Allow patient to sit until she/he feels secure (1-2 minutes) and has no dizziness/fatigue. Do not ambulate until symptoms go away.										
7. Help patient put on robe and non-skid footwear.										
8. Wrap transfer belt around patient's										

## Nurse Assistant Orientation

Clinical Competency Development and Evaluation Guide

Name: \_\_\_\_\_ Unit: \_\_\_\_\_

Title: Assisting With Ambulation: Gait Belt

Procedure:	Skills Lab	Practice 1			Practice 2			Practice 3		
		1	2	3	1	2	3	1	2	3
1. Wash hands, using friction.	*									
2. Take patients vital signs and report vital signs and clarify ambulation orders with RN.										
3. Walk route planned to ensure no objects are in the way (ex: tray tables, chairs, trash cans, etc.)										
4. Explain procedure to patient.										
5. Place bed in lowest position, lock bed elevate HOB.										
6. Assist patient to sit on side of bed. Allow patient to sit until she/he feels secure (1-2 minutes) and has no dizziness/fatigue. Do not ambulate until symptoms go away.										
7. Help patient put on robe and non-skid footwear.										
8. Wrap transfer belt around patient's										

**Case managers  
Social workers  
Discharge Planners**

## CM, SW, Discharge Planners

- RN case managers have nursing model background and in-depth education on medical needs of discharge, BSN
- Social Workers take into account social and psychological factors, MSW, economics

## CM, SW, Discharge Planners

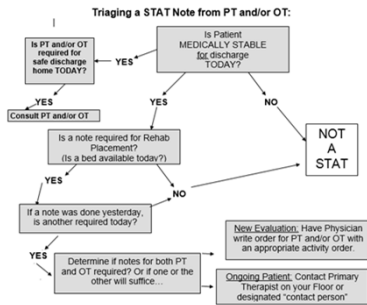
- Can obtain information from patient/family and advocate with providers during rounds, economics, social sciences
- Understanding of insurance requirements

## CM, SW, Discharge Planners

- Delivery of education
  - Role of PT in acute care in discharge planning
  - Focus on end goal, facilitation of discharge
  - Use of technology for communication: shared medical record information, census lists
  - Regular collaboration to build mutual trust & respect
  - Teachable moments

## CM Examples

### Triaging a STAT



Role of Case Management:	
Complete utilization reviews for inpatient admission and continued stay	
Identify and assess psychosocial needs integral to safe discharge	
Initiate, facilitate, and execute safe discharge plan including HHC/DME/SNF/IPR/AFC	
Counseling	
Community resource referrals	

Insurance Placement Guidelines					
Carrier	Authorization Required?	PT	OT	Contracted SNF	Contracted IPR
Medicare	NO	24 hours	24 hours	No	No
Medicare Adv	Yes	24 hours	24 hours	Some	Some
HAP	Yes	24 hours	24 hours	Yes	Yes
BCBS	Yes	24 hours	24 hours	Some	Some
BCN	Yes	24 hours	24 hours	Yes	Yes
United Healthcare	Yes	24 hours	24 hours	Yes	Yes
Total Healthcare	Yes	24 hours	24 hours	Yes	Yes
Aetna	Yes	24 hours	24 hours	Yes	Yes
Cigna	Yes	24 hours	24 hours	Yes	Yes
Straight Medicaid	NO	24 hours	24 hours	Yes	Yes
Health Plan of MI	Yes	24 hours	24 hours	Yes	Yes
Great Lakes	Yes	24 hours	24 hours	Yes	Yes

Created by Jennifer Brooks, CM; Reviewed/Revised LEAN Rehab/CM group March 2011

**Specific Carrier Tips:**

**Medicare Tips:**  
 If patient admitted and discharged within 23 hrs, may return to SNF without PT/OT  
 If patient is long-term resident of SNF without skilled need, may return to SNF without PT/OT  
 Patient must have qualifying admission & hospital admit of 72 hrs & skilled need to discharge to SNF  
 If patient disagrees with discharge rec to lower level of care, patient may appeal with MPRO who may require updated PT/OT < 24 hrs

**HAP Tips: (NOT HAP Sr +)**  
 Auth line closed certain holidays | Auth valid for 24 hrs  
 When HAP closed, if PT/OT rec SNF within last 24 hrs and meets HAP criteria for SNF, may discharge to any Heartland, Lakeland or HFH SNF  
 If pt HAP HFH Network assigned will discharge to HFH facility, but still requires PT/OT within 24 hrs  
 May require auth of Medical Director who can request PT/OT less than 24 hrs

**BCBS Tips:**  
 Auth line closed daily 12:00-1:00pm and certain holidays, require PT/OT by 11:00am  
 May require PT/OT less than 24 hrs  
 May require PM&R consult  
 Auth valid 24 hrs

## Department initiatives beyond education



## Data collection, tracking success rates & barriers

- Discharge pending orders vs number of patients actually discharged
- Inappropriate orders
- Office staff tracking
- Staff tracking forms and surveys

## Physician Survey

SurveyMonkey

- Needs to be brief

	Excellent	Good	Average	Fair	Poor or no knowledge	Total	Weighted Average
Your knowledge or understanding of acute care PT and/or OT PRIOR TO the presentation	25.00% 5	15.00% 3	20.00% 4	20.00% 4	20.00% 4	20	2.95
Your CURRENT knowledge or understanding of acute care PT and/or OT	35.00% 7	45.00% 9	15.00% 3	5.00% 1	0.00% 0	20	1.90
Content presented was relevant to my practice	50.00% 10	40.00% 8	10.00% 2	0.00% 0	0.00% 0	20	1.60
Quality of present presentation	45.00% 9	50.00% 10	5.00% 1	0.00% 0	0.00% 0	20	1.60
Length of presentation	40.00% 8	55.00% 11	5.00% 1	0.00% 0	0.00% 0	20	1.65
Usefulness of Pocket Card provided	50.00% 10	40.00% 8	10.00% 2	0.00% 0	0.00% 0	20	1.60

### Reason not seen within 24 hours

24 hr mark overnight	0.0%
24 hr mark over weekend	32.0%
Downprioritized due to volumes	45.3%
Pt unavailable	15%
Other	11.3%

### Time to Consult Completion

>48 hours	33.5%
(24-48 hours)	27.4%
<24 hours	39.2%

State of Hospital Admission	Time Order Was Written	Time Order Entered into DE	Time Order Received at PT/OT	Date Consult Initiated	Date Consult Completed	Reason not seen within 24 hours	Order to Present on STAT	Appropriate Consult	Inappropriate Consult
						0-12 hours: 24 hour mark overnight	Physician order	Request Fall	Patient independent
						13-24 hours: 24 hour mark was not entered	Duplicate consult order	Admission/Rehab	Patient dependent
						25-36 hours: Downprioritized due to volume	STAT order	Surgeon/Bedside	Active medical/surgical
						37-48 hours: Patient	Specific Question	Other	Other
						>48 hours: Unavailable DE	Delivered STAT	Requested by Case Manager	Inappropriate STAT
							Other	Functional Order from Bedside	Inappropriate STAT
								Other	Other

## Discharge Pending Process

- PLAN: Team formed to study current process
  - Stakeholders from Rehab, Case Management, Residents, mid-level providers
  - LEAN approach used to identify simplified process with higher stakeholder satisfaction
- DO: Changes Piloted on Medicine floors for 4 weeks
- CHECK: Feedback and Results of Pilot
  - Survey of physicians, rehab staff
  - Data from Pilot
- ACT: Final version
  - Modifications included to make the process more efficient - implemented use of Spectra-link phone to ensure coverage (16-2016)
  - On-going tracking to sustain the improvements
  - Permanent Process Change on Pilot Floors

DATE	TIME	PATIENT NAME AND (MRN) SO WE CAN AUDIT WHEN PT WAS DISCHARGED	ROOM NUMBER	DISCHARGE PENDING TODAY (Seen within 24hr)	PT/OT PLACEMENT (Seen within 24hr)	STAT FOR PLACEMENT	INS: Medicare/Single LOS	ALL OTHERS ENTER WITHIN 24 HR	Have all procedures been completed? Y/N	Reason for Consult?	What is the pt's current mobility status? Has patient been mobilized by nursing?	Orders in chart? Previous orders? # of hours since	MD's name	Call back member	PT confirmed STAT	OT confirmed STAT	Comments
				<input type="checkbox"/> None <input type="checkbox"/> Placement <input type="checkbox"/> None in Placement	<input type="checkbox"/> None <input type="checkbox"/> Placement <input type="checkbox"/> None in Placement	<input type="checkbox"/> None <input type="checkbox"/> Placement <input type="checkbox"/> None in Placement	<input type="checkbox"/> None <input type="checkbox"/> Placement <input type="checkbox"/> None in Placement	<input type="checkbox"/> None <input type="checkbox"/> Placement <input type="checkbox"/> None in Placement	<input type="checkbox"/> None <input type="checkbox"/> Placement <input type="checkbox"/> None in Placement								

**16-2016 VoiceMail Instructions:**  
 From Spectralink phone: 1) Dial 534998 2) Press # 3) Enter password 204568 # 3) Press 3 to listen [6=delete; 7=reply]  
 From ANY phone: 1) Dial 534998 2) Enter 162016# 3) Enter password 204568 # 3) Press 3 to listen [6=delete; 7=reply]

**Triaging or Prioritization Tips:**  
 For Stats: 1. Verify Orders 2. Check CM Notes for indication patient is leaving 3. Check Insurance ->  
 - Medicare: requires 3 night hosp stay and PT, OT rec in last 30 days  
 - All other INS: require PT, OT within 24-48 hours of disch (So on Saturday, patients with HAP, BCBS, etc who definitely need rehab and CM hasn't already arranged placement, tell caller that patient will be seen Sunday if time or first thing Monday)

## Discharge Pending Check

Data from Stat Sheet				Reason			
TOTAL # of STATS Received	Placement	Home vs Placement	Home	# OF PTS NOT DCD ON DAY STAT CALLED	MRN # 1	Reason # 1	MRN



**If answer is YES to any, a PT and/or OT consult may be appropriate:**

- Is PT and/or OT on pathway or protocol for post-surgical patient?
- Does patient have a weight-bearing restriction or specific precautions related to mobility?
- Has the patient had a decline in Functional Status from Baseline?
- Was patient admitted from a subacute or acute rehab facility?
- Has the patient had one or more Falls at home in the last 6 months?

<p><b>Scope of Physical Therapists:</b></p> <ul style="list-style-type: none"> <li>• Assess and promote proper movement strategies and safety with bed mobility, transfers, gait and stairs, task modification, strengthening, balance, etc)</li> <li>• interventions that will maximize performance of the oxygen transport system, musculoskeletal and neuromuscular systems; titration of activity in response to changes in physiological status.</li> <li>• Training with assistive devices for mobility (walkers, crutches, canes)</li> </ul>	<p><b>Scope of Occupational Therapists:</b></p> <ul style="list-style-type: none"> <li>• Assess and promote independence with activities of daily living (ADLs) and daily life roles, including patient's ability to bathe, dress, groom, toilet or feed themselves</li> <li>• Cognition and perception as it relates to safety in ADLs and basic mobility.</li> <li>• Task modification, strengthening, neuromuscular re-education, trunk stabilization, balance activities</li> </ul>
---	---

**\*\* For Orders Discharge Pending TODAY Physician or mid-level provider must CALL 16-2016 before 2:00pm\*\* Holidays before 10:00am**

### Success

"PT and OT are awesome, they do a great job!"

Resident to Medical Student: "The patient needs a walking pulse ox"

"I already ordered the patient a walker because he uses one at home"

"The nurse helped me sit up in the chair for breakfast"

"Can you stand by and observe me transferring this patient back to bed and give me tips?"

"Did you see that vent patient walking in the hallway with PT?"

### Conclusion

- Find champions
- Education is constant and ongoing
- Get to them early and often
- Globally and individually
- Don't quit!

### References

- Jolley, SE, Regan-Baggs, J, Dickson, RP, Hough, CL. Medical intensive care unit clinician attitudes and perceived barriers towards early mobilization of critically ill patients: a cross-sectional survey study. *BMC Anesthesiology* 2014, 14:84. <http://www.biomedcentral.com/1471-2253/14/84>
- Pawlik AJ, Kress JP. Issues affecting the delivery of physical therapy services for individuals with critical illness. *Phys Ther.* 2013;93:256-265.
- Leditschke IA, Green M, Irvine J, Bissett B, Mitchell IA. What are the barriers to mobilizing intensive care patients? *Cardiopulm Phys Ther J.* Mar 2012;23(1):26-29.
- Stiller, K Safety Issues That Should Be Considered When Mobilizing Critically Ill Patients. *Crit Care Clin* 23 (2007) 35–53

### References

- Wilson, C, et al. The Effectiveness of a Patient Handling Education Program for Nursing Assistants as taught by Physical Therapy and Nursing Educators. *JACPT.* 2011; 2:10-39.
- Fradette, J, Orest, M. Improving the Response Time to Referrals for Physical Therapy in the Acute Care Environment. *JACPT.* 2011; 2: 64-71.
- Pronovost, P, et al. An Intervention to Decrease Catheter-Related Bloodstream Infections in the ICU *N Engl J Med* 2006; 355:2725-2732.
- Gawande, A. The Checklist. *The New Yorker; Annals of Medicine*;2007; [www.newyorker.com/reporting/2007/12/10/0710fa\\_fact-gawande?printable=true](http://www.newyorker.com/reporting/2007/12/10/0710fa_fact-gawande?printable=true)
- Vincent, Jean-Louis Give your patient a fast hug (at least) once a day. *Crit Care Med* 2005 Vol. 33, No. 6. 1225- 1230

### Questions?

- **Contact Information:**
  - Adele Myszenski, PT  
– [amyszen1@hfhs.org](mailto:amyszen1@hfhs.org)
  - Krissy Stein, PT  
– [kstein1@hfhs.org](mailto:kstein1@hfhs.org)
  - Jen Trimpe, PT  
– [jtrimpe1@hfhs.org](mailto:jtrimpe1@hfhs.org)