Bariatrics in Safe Patient Handling

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Webinar Objectives

- SPH Challenges of the Bariatric Patient
- Terminology
- Physical Demands Specific to the Bariatric Patient
- Patient Assessment
- SPH Solutions



SPH Challenges of the Bariatric Patient

- Inherent
 - The body is not always where it seems
 - Patient discomfort and pain
 - One size fits none
 - Intermittent Engagement of staff
 - Perfection is unlikely
 - Turning
 - Psycho-social (patient and staff)
- Medical Complexities
 - Fluid retention and overload and dependent edema
 - Skin vulnerability
 - Vitals and respiration
 - Immobility dependent edema



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Inherent Challenges

- The body is not always where it seems
 - Nature of moving tissue
- Patient discomfort and pain: Our Perception
- Psycho-social (patient and staff)
- One size fits none
- Intermittent Engagement of staff
- Perfection is unlikely
- Turning



Medical Complexities (Simply Put)

- Fluid retention / overload
 - Impacts positioning, weight, skin and organ performance
- Skin vulnerability
 - Impacts on wound-care, precautions, turn and positioning systems
- Vitals and respiration
 - Impacts on clearance to adjust patient positioning: head up, rotation, UE use
- Vascular complications (profusion)
 - Related to all categories especially to organ performance and fluid retention

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- Immobility – dependent edema, cover above and larger picture considerations including managing mobility after discharge

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Terminology

- Safe Patient Handling
- ▶ Bariatric
- Adipose tissue
- ► Girth PHOTO
- Bariatric Bed
- Air Transfer Device:
- ► Lifts
 - Portable
 - Ceiling Mounted
 - Portable Frame



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Physical Demands / Risk Factors / Exposures

- General: Patient Handling
 - Repetition
 - Static Postures
 - Reaching with Forward Flexion
 - Awkward Postures
- Task Specific Risk Factors
 - Boosting
 - Lateral Transfer
 - Rolling
 - Peroneal Care
 - Wound Care
 - Radiology / Blood Draw
 - Short Sitting / Legs Dangling
 - CODE



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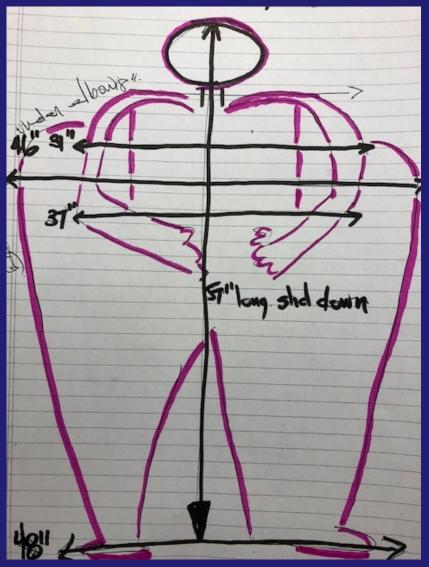


Patient Assessment

- General Including medical condition and complications
 - Prior level of function before this event
 - Estimated Weight
 - Height
 - Shape
 - Girth: at the widest point**
 - Positional tolerance
 - Ability to assist with mobility
 - Ability to use UEs
 - Ability to use LEs



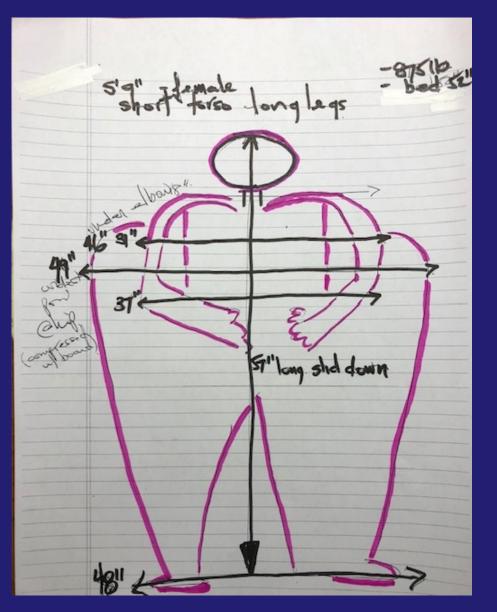
Schematic "Girth"





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Patient Measurements



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Patient Measurements



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SPH Solutions

- 1- Equipment / Devices
- 2 Work Behaviors
 - teaming
 - leading
 - pacing
- 3 Methodology
 - Operations / Technology: EPIC (MSHS) Flagging BPA
 - Order Sets



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SPH Solutions: Equipment and Devices

- Surfaces
- Repositioning / Positioning
 - Repositioning Sheets
 - Booties

Transfer Devices



SPH Solutions: Equipment and Devices

- Surfaces
 - Beds -
 - Stretcher Chairs



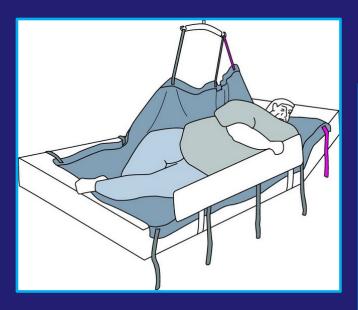




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SPH Solutions: Equipment and Devices

- Repositioning / Positioning
 - Repositioning Sheets
 - Booties
 - Repositioning Slide Tubes



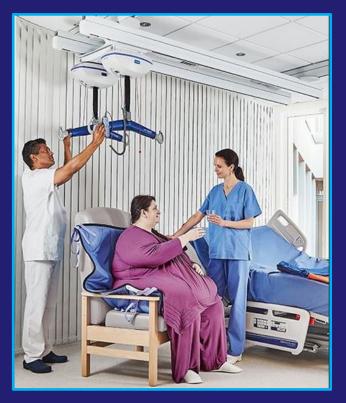




SPH Solutions: Equipment and Devices Transfer Devices

- Lifts: Ceiling / Temp Install / Portable
- Air Transfer Devices





SPH Solutions: Equipment and Devices Transfer Devices

- Lifts: Ceiling / Temp Install / Portable
- Air Transfer Devices



SPH Solutions: Healthcare Worker Behaviors

- "Do first, think later" mentality
- What is a true off load of pressure?
- How does care staff pace themselves?
- Relay exertion
- Stretches
- Monitoring Fatigue
- Team Communication



SPH Solutions

Operationalizing a Methodology

- EMR (in our case EPIC) Tools - Flagging – Step Weight BMI

- BPA
- Order Sets
- Bari Response Cart



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Based on today's height and weight, this 6 - 13 year old child has a Body Mass Index >= 95th percentile for his/her age and sex. Body Mass Index (BMI) is 88 kg/m2.		
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EPIC: Best Practice Advisory (BPA)

A decision support system that triggers a reminder or warning during clinician workflows.

- Patient is Bariatric Level XXX
- Complete Bariatric Patient Order Set
- Contact XXX

Based on today's height and weight, this 6 - 13 year old child has a Body Mass Index >= 95th percentile for his/her age and Body Mass Index (BMI) is 88 kg/(m2). 100th percentile based on BMI-for-age and sex	d sex.	
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Order Set: EMR

Order sets provide simultaneous **ordering** of all necessary components associated with effective clinical care.

They are efficient for the prescriber and can lead to better care.

EPIC ORDER SET: PRESSURE ULCER PREVENTION

select/Release Sign and Held Ord	ers Select Pended Orders	New Order Clear All Orders Next
Routing Dx Association Edit Mu	ultiple Phases of Care	
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order Sets		
Pressure Ulcer Prevention (Orders (Order if Braden is equal to OR less than 18)	Add Order
- General		
- Nursing		
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Minimize pressure Routin * Keep	ne, UNTIL DISCONTINUED starting Today at 1534 Until Specified p sheets wrinkle free * Monitor boney prominences with every position change. * Turn	n patient every 2 hours. * Remove socks every shift to assess feet/heets
	emove all devices for full skin assessment every shift. * Float heels using pillows under a (not currently orderable in eSummit for SJB)	er celves or appropriate size Waffle boots.
- Consults		
Ancillary (GS LM PMC 5 Wound / Ostomy Eval &	SFT SJ SJB SJL SJM SMG SVB) Treat	
- NO		
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Click the Add Order button to a	dd an order in this section	
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Aggregating: Bari Response Cart

- Gown
- Bari BP cuff
- Bedpan
- SPU Slide Sheet for Skin
- SPU Air Transfer device
- Instruction on device usage (laminated tips card)
- Slide Tubes
- Non SPU Slide Sheets
- Sling for Portable Lift: 2 sizes
- XL Heel Protectors
- Step Stools (2-4)
- CPR instructions: BED





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Thank you!

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