Clinical Considerations with Selection of Appropriate Adaptive Bathroom Equipment

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“THE BEST POTTY FOR YOUR BODY”

OBJECTIVES

1.) Participants will be able to identify critical components of a thorough evaluation of clients’ adaptive bathroom equipment needs.
OBJECTIVES

2.) With consideration of outcomes of clients’ postural evaluations, participants will be able to select appropriate bathroom equipment options.

OBJECTIVES

3.) With consideration of outcomes of clients’ functional assessments, participants will be able to select appropriate bathroom equipment options.

STARTING LINE

- Where do we start?
- What should we consider?
- What are our equipment options?
- Do the clients’ options change along the way between initial mobilization and discharge?
STARTING LINE

Making a Difference

The Right Evaluations

The Right Interventions

STARTING LINE

- Can we assist in reducing:
  - Pressure ulcers
  - Falls
  - Time Commitment to Bowel Care
  - Gastrointestinal Symptoms
  - Incontinence
  - Embarrassment

? 

STARTING LINE

- Are we making sure clients’ performance is optimized with return for follow-up, and yearly, with annual evaluation?
TWO PHASES

Phase One:
“Demo. Equipment”

Phase Two:
“Definitive Equipment”

TWO PHASES

Phase One:
“Demo. Equipment”
Used to Meet Our Short Term Goals

Phase Two:
“Definitive Equipment”
Used to Meet Our Long Term Goals

PHASE ONE:
DEMO. EQUIPMENT

The selection of a piece of equipment that will allow the client to get out of bed to safely and successfully use the bathroom…

Gravity is Huge!
PHASE ONE: DEMO. EQUIPMENT

- Chart Review
- Evaluation
- Educate re: Equipment Introduced
- Management of Blood Pressure
- Educate re: getting on/off Equipment
- Educate & Evaluate Performance of Pressure Releases

PHASE ONE: DEMO. EQUIPMENT

- Initial Positioning Evaluation
- Assessment of Trunk Balance
- Safety
- Set-up of Equipment in Client’s Hospital Environment

PHASE ONE: DEMO. EQUIPMENT

Evaluation of Client’s Performance of Functional Mobility and Self Care Tasks on New Bathroom Equipment:
- Evaluation of BUE AROM and hand function for purposes of reach for supplies & for personal care
- Is the client able to sit upright without support?
- Is the client able to perform tasks like setting the brakes?
- Is the client able to self-propel rolling equipment?
- Can the client swing away the armrests? -For reach? -For transfers? -For pressure relief?
PHASE ONE: DEMO. EQUIPMENT

- Communication with Nursing & Team Members re: Client’s Clearance for Use of Phase One Equipment
- Check-in re: Client’s Success
  - Is the client using the recommended equipment with Nursing?

PHASE TWO: DEFINITIVE EQUIPMENT

The selection of a definitive piece of equipment that will optimize Long Term Goals within the discharge destination

PHASE TWO: DEFINITIVE EQUIPMENT

- Skin Protection
- Joint Protection
- Optimized Posture
- Sitting Balance
- Functional Independence
PHASE TWO: DEFINITIVE EQUIPMENT

- Blood Pressure Management
  - What are we doing for blood pressure management at the wheelchair level?
  - Why not more tilt components?

PHASE TWO: DEFINITIVE EQUIPMENT

- Comfort
- Relaxation
- Spasticity control
- Optimized respiratory function
- Timeliness; Efficiency
- Safety
- Energy conservation

What Differences Are We Making in Granting Independent Access to the Bathroom?

- Decreased Incontinence
  - Comfort
  - Dignity
  - Confidence
  - Community Access
IT ALL BEGINS WITH THE POSTURAL EVALUATION!

POSTURAL EVALUATION

- Identifying Information
- Client’s Goals
- Medical Issues
- Primary Means of Mobility
- Bathroom Equipment Already in Place
- Environmental Set-up

POSTURAL EVALUATION

- Current Seating System Components
  - MWC
  - PWC
  - Bathroom Equipment
- History of Seating Interventions
POSTURAL EVALUATION

- Patient Measurements
- Equipment Measurements

POSTURAL EVALUATION

- Posture
  - In the Wheelchair
    - Frontal View
    - Sagittal View
  - Sitting on the Mat
  - In Supine

POSTURAL EVALUATION

Flexibility
Why Do We Want to Know?
POSTURAL EVALUATION

- Use of Equipment
- Get the WHOLE Picture!
  - Daily? # of hours?
  - Environment of use
  - Architectural set-up
  - Method of Pressure Releases
  - Transfers

POSTURAL EVALUATION

- Functional Performance
  - Trunk Balance
  - Reach
    - Overhead, beneath the seat & to the floor
  - Bladder Management
  - Bowel Care
  - Independence with Positioning Adjustment on Equipment

POSTURAL EVALUATION

Get the WHOLE Story!
POSTURAL EVALUATION

- Transport of Equipment
  - Can it Travel?
    - Does it Fold?
    - Is Alternate Equipment Used Instead Due to Greater Ease with Transport?
    - Is there Storage Space in Vehicle to Fit Additional Equipment?

POSTURAL EVALUATION

- ROM Measurements

SKIN PROTECTION

- Pressure Mapping
- Distribution of Weight
- Considerations re: “OK” areas for pressure
SKIN PROTECTION

Client and Caregiver Training
- Transfers
- Lift Options
- Positioning Adjustment

POSITIONING

Skin protection & Positioning go hand-in-hand
- “Landing”
- Safety/Risk of Falls
- Positioning Straps
  - Trunk flexion
  - Abdominal Pressure
  - Reach
  - Comfort
POSITIONING
Are We Considering Function When We’re Teaching Posture?

INTERACTING PATHOPHYSIOLOGY
- We Emphasize Education
  Over and Over But Do
  We Know What’s
  Happening in Relation to:
  - Anatomy
  - Defecation
  - Effect of Diagnosis on Bowel Function
  - Factors that Promote Successful Bowel Management

INTERACTING PATHOPHYSIOLOGY
Are We Highlighting the Importance of Consistency:
- Fluid Intake
- Diet
- Medication Routine
- Bowel Care Timing
- Positioning
EQUIPMENT

- Rolling Shower Commode Chairs
  - When Do They Work?
  - When Do They Not Work?

EQUIPMENT

- Rolling Shower Commode Chairs with Tilt-n-Space
  - Blood Pressure Mgmt.
  - Pressure Relief
  - Trunk Balance
  - Spasticity
  - Decreased Falls
  - Peace of Mind

EQUIPMENT

- Rolling Shower Commode Chairs with Recline
  - Blood Pressure Mgmt.
  - Bladder Emptying
  - Shearing
  - Spasticity
EQUIPMENT

Rolling Shower Commode Chair
  - Elevating Legrests
    - Blood Pressure Mgmt.
    - Increased Groin Access
    - Pressure Changes

EQUIPMENT

Tub Benches
  - Commode Cut-out
  - Chest Belt
  - Wedge
  - Lateral Trunk Support
  - Foot Stool
  - Tub-sliders

EQUIPMENT

Raised Toilet Seats
  - Stability
  - Height Adjustability
  - Depth of Padding
  - "Waterfall" padding
  - Custom Dimensions for Cushion or Cut-out Area
  - Fit with Discharge Destination
  - Can it Travel with the Client?
RAISED TOILET SEATS

EQUIPMENT

Adapt & Accessorize!
- Elevating Legrests
- Foot Stool
- Asymmetrical Armrests
- Dumped Seat Pan
- Abductors
- Adductors
- Hooking Options
- Grab Bars

EQUIPMENT

- Accessorize!
  - Chest Belts
  - Abdominal Binders
  - Crutch Tips
  - Overlays
  - Hip Grip
  - Custom-Molded Cushions
  - Pediatric sized commodes to accommodate the need for smaller cut-out dimensions