

Clinical Considerations with Selection of Appropriate Adaptive Bathroom Equipment

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System

“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 @ the w/c 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



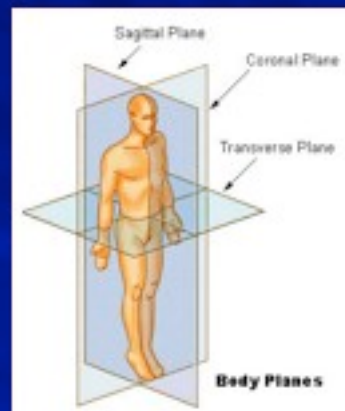
■ Equipment Measurements



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



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

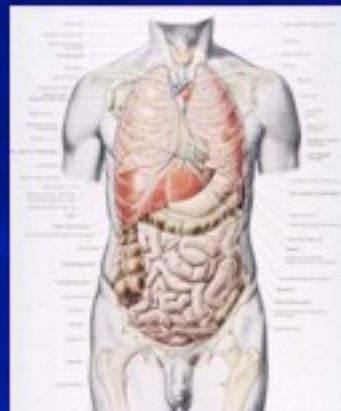
- We Emphasize Education Over and Over But Do We Know What's Happening in Relation to:
 - Anatomy
 - Defecation
 - Effect of Diagnosis on Bowel Function
 - Factors that Promote Successful Bowel Management



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

