



Before

Bentley Case Histories



After

John - Safe, Stable, Independent

Overview:

John is a 84 year old CVA who lives in a facility outside Seattle WA.

Assessment findings:

John falls to the side when he propels a standard wheelchair. He requires 2 staff members to help him reposition in his wheelchair. One staff injury was incurred while assisting John. John's time in his wheelchair is limited due to falling and limited staff being available to assist him. He is able to propel a wheelchair but is limited in his movement due to developing kypho-scoliosis. He does standing pivot transfers. Being in tilt improves his posture greatly.

Goals:

- To be up all day
- Independent mobility
- Prevent deformities
- Maintain transfer
- Stop having to reposition him multiple times a day

Product Parameters

- Tilt wheelchair for gravity assisted positioning
- Access to wheels and ground in tilt
- Headrest while in tilt
- Contoured back to give lateral support
- Seat to floor height for foot access and transfers

Product

PDG Bentley

Outcome and Measures:

Bill is now up all day. He has independent mobility. No more repositioning is required. His ability to maintain transfers has been retained. His posture is much improved.



Before - Sits only for limited time



After - Sits / mobilizes independently
ALL DAY

Ruth - Dramatically Improved Independence

Client Information:

Ruth is a 95 year old women, newly admitted to a care facility in the VancouverBC area.

Key Assessment Findings:

Ruth has limited hip flexion 100. She has also developed Kyphosis. She suffers from Osteoarthritis and Osteoporosis.

Ruth slides out of her wheelchair. Her sitting tolerance is only 2-3 hours. She is dependent on staff for mobility.

Ruth is able to use her feet and hands. Being in tilt improves her posture.

Goals:

- To have independent mobility
- Stop sliding out of the chair
- Longer sitting tolerance
- Better posture/ visual field

Product Parameters:

- Tilt for posture- gravity assisted positioning
- Access to the wheels and ground while in tilt
- Back to accommodate kyphosis

Product Supplied:

PDG Bentley
Personal Back

Outcome Measures:

Ruth is now able to be up all day. She no longer slides out of the chair. She is independent in mobility. She now has a greatly improved visual field.



Before - Front rigging mount presents risk for skin abrasion.



After Plug-in front rigging are normally not used when independently moving around within the facility. This eliminates the potential for skin abrasion and makes transfers safer.

Margaret – High Agitation

Client Information:

Margaret is an 84 year old woman with Alzheimer's. She lives in a facility outside Vancouver.

Key Assessment Findings:

Margaret suffers with Alzheimer's. As a result, she is in constant movement. She has broken a back of a chair in the past. She is unable to use the tilt option on her existing chair as her feet would then leave the ground and she would become very agitated.

She is unsafe in her current environment as she can tip her wheelchair over. As a result, the staff needs to watch her all the time.

She also has developed a pressure sore on trochanter from the seat rails and on her calf from the swing away bracket hanger.

Goals:

- Make her safe in her environment
- Prevent further tissue trauma
- Give her safe, independent mobility
- Maintain and/or improve sitting tolerance
- Decrease her agitation through mobility/feet on the floor

Product Parameters

- Manual tilt-in-space chair with stability and mobility
- Strong back support
- Springs for agitation
- Clean front for foot propelling

Product Supplied:

- PDG Bentley with floor jacks for stability
- PDG padding
- Matrx Back
- re-used her existing cushion

Outcome Measures:

Margaret can now be up all day. The trochanter and calf sores have healed. She is safe in her environment and unable to tip her wheelchair. Staff do not have to watch her continuously. Her agitation is under control and she has not broken the equipment.