

## Seat Tilt:



Seat tilt or “tilt-in-space” allows individuals to change their seat angle orientation in relation to the ground while maintaining a constant seat to back angle and seat to legrest angle.

Broda chairs provide up to 45° of infinitely adjustable seat tilt, allowing for safe effective positioning. Our infinitely adjustable seat tilt makes obtaining the individuals desired position possible decreasing the need for restraints. Seat tilt allows for safe, frequent repositioning throughout the range of tilt provided.

Seat tilt provides postural stability and support for those who cannot maintain an upright posture when seated. Tilting the seating surface in a posterior direction maximizes the body’s weight and gravity, allowing the patient to remain seated, upright and engaged for functional activities. Posterior tilt of the seating surface shifts the weight and pressure away from critical areas under the pelvis. Tilting the patient in a posterior direction provides proper seating alignment, decreasing patient fatigue and postural deviations. Posterior tilt effectively opens the diaphragm allowing for greater thoracic expansion resulting in improved oxygenation, blood flow and organ function. The Tilt in Space feature facilitates positioning for comfort, pain management and pain relief. With the decrease in postural deviations and improvement of postural support and stability falls can be greatly reduced.

The seat tilt is operated by the caregiver. To use the seat tilt, it is best to have at least 75 lbs in the chair, as this makes it easier to tilt the chair. It may also be helpful to recline the chair slightly, before tilting it, as this lowers the back giving the caregiver more leverage for tilting. It is also important to adjust the seat tilt at a minimum of every 2 hours or as often as needed, to help relieve and redistribute pressure. (For additional Seat Tilt instructions, see User Manual.)

## Back Recline:



Back recline allows individuals to change seat to back angle while maintaining constant seat angle with respect to the ground.

Broda chairs provide up to 90° of infinitely adjustable seat tilt, allowing for safe effective positioning. Our infinitely adjustable back recline makes obtaining the individuals desired position possible decreasing the need for restraints. Back recline allows for safe, frequent repositioning throughout the range of recline provided.

Combining the use of tilt and recline provides the most effective solution for treating those with decreased postural control. Tilting the seating surface in a posterior direction can reduce the effects of gravity on one’s trunk/upper body, which facilitates a more functional and proper upright posture while reclining the seating surface greatly reduces seating pressures overall. With infinite adjustability throughout the range of recline, most hip flexion limitations can be accommodated.

The back recline is operated by the caregiver. When reclining the chair, it may be recommended to have the seat tilted to prevent the resident from sliding out of position. It is important to adjust the back recline at a minimum of every 2 hours and as often as needed to help relieve and redistribute pressure. (For additional instructions, see User Manual)