

Pelvic Rotation

The TAOS ambulatory system was developed with pelvic rotation in mind. The mast allows for a slight amount of rotation as the pelvis rotates on the vertical axis, but because of the gait characteristics of the CP population we had to adapt our system to the realities of the patient.

Initially allowing for this rotation we found that our patient population would rotate to one extreme and stay there in gait and stance. We then limited the mast rotation and allow the wheels to shift from side to side to accommodate weight shift and pelvic rotation. Keeping in mind that the brace is not fastened to bone but on top of foam and clothing and skin and soft tissue, we find there is usually plenty of rotation allowed.

