



JAY® cushions

Commonly prescribed Jay $^{\circledR}$ cushions for SCI population are J2, J2 Deep Contour, J3 and Jay FusionTM. These comprise fluid pad and foam base.

Jay® fluid pad which has good envelopment and immersion properties. The fluid pad has 3 segments to control fluid flow:

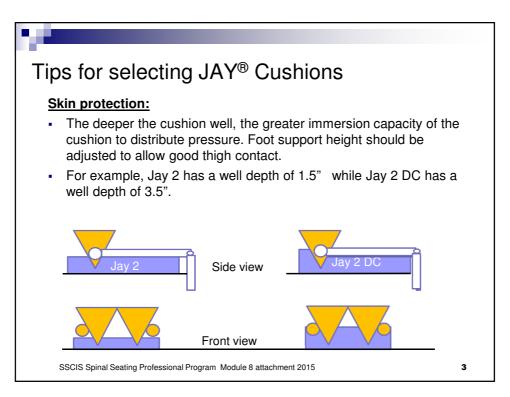
- Left and right compartments
- Posterior compartment retain fluid from moving rearward and coverage for coccyx

The Jay® foam bases are anatomically designed to **support and redistribute** weight through greater trochanters and posterior thighs; while the ischial tuberosities (ITs) are immersed in fluid pad.





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Tips for selecting JAY® Cushions Skin protection with fixed pelvic obliquity:

- If the MAT demonstrated that the client has a fixed pelvic obliquity deformity, the higher hip would have less immersion than the lowered hip. It is important to note the amount of fixed obliquity in the assessment
- A deeper profile of the cushion should be chosen to distribute pressure from the lower ischial tuberosity (IT).
- A lateral seat wedge may also assist. However. Clinician should review if transfer is affected by cushion height variant.
- A lateral thigh support should be considered to align the pelvis over the well position

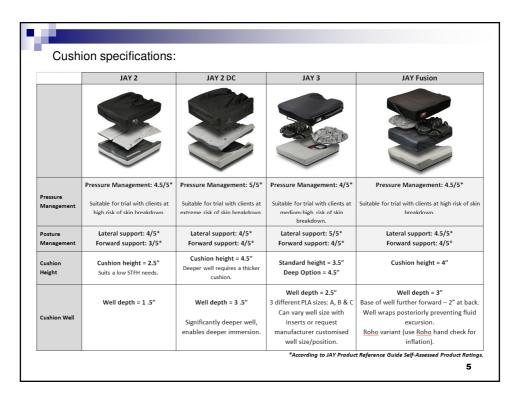


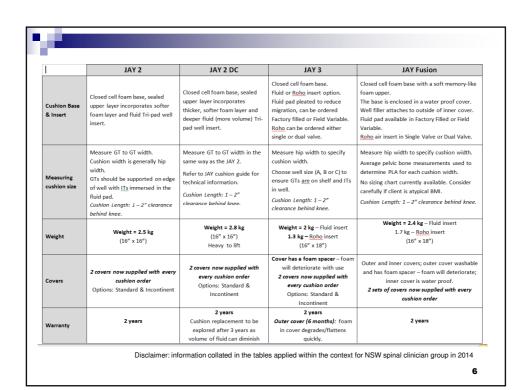
SSCIS Spinal Seating Professional Program Module 8 attachment 2015

view



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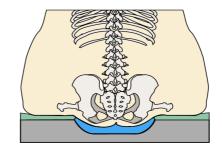


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Correct Width J2 & Jay 2 Deep

Correct well width

- Fits the client's pelvis (skeletal) anatomy
- The greater trochanters (GTs) should be supported on the edge or slope of the well
- The ischial tuberosities should be allowed to immerse into the pressure-relieving fluid in the well

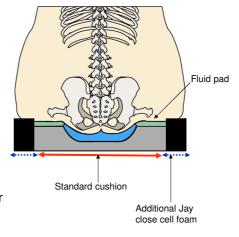


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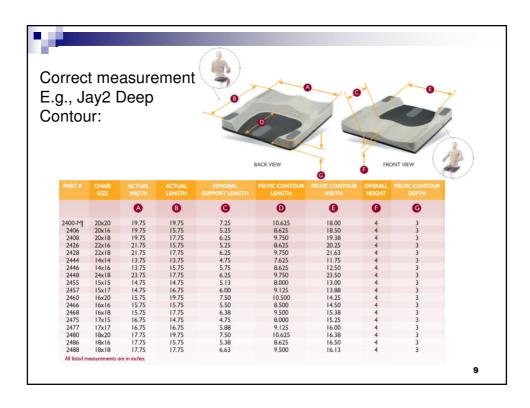
Measuring for Jay2 & Jay 2 Deep cushions

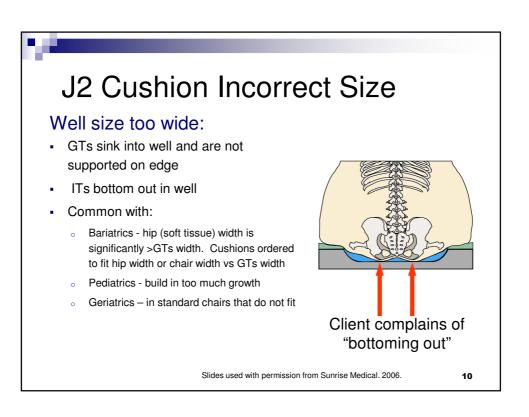
- Measure GT to GT width for Jay 2 and Jay 2 Deep cushion width
- If hip width is wider than GT width, still order GT width with extra foam on sides. Eg, for GT width of 16", hip width at 18", order the cushion 16" wide build out to 18" wide (no extra cost)
- Consider well dimensions which vary for each cushion size. Refer to Jay Cushions and Backs brochure.



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How to test for bottoming out?

- Position client in chair in optimal position for 20–30 minutes
- Transfer client out of the cushion by lifting as much as possible (vs sliding) to ensure minimal disturbance to fluid pad.
- Find points of deepest immersion of the pelvis in the fluid
- Push into the fluid at these points there should be at least ½" (~ finger thickness) of fluid between the deepest points and the firm foam base

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Why Is Client Bottoming Out

- 1. Bottoming out in middle of well bilaterally
 - Cushion too wide?
 - Overall cushion width correct, but well size too wide?
- 2. Bottoming out in front of well
 - Cushion too short?
 - Sitting in posterior pelvic tilt?
 - Fixed does client need cushion with longer well?
 - Flexible can posture be corrected to upright?
 - Cushion sliding back behind back posts?
- Bottoming out on one side
 - Fixed or flexible obliquity?







Maintenance

- · Clean with warm soapy water
- Covers can be washed in washing machine
- · Check for leaks in fluid pad
- Check for bottoming out in areas of fluid pad, if present knead fluid so good distribution over entire area

Replacement:

- Fluid leakage
- Fluid volume may decrease
- Fluid is firm
- Velcro attachment failed
- Seam detached on fluid pad

Jay cushion SSCIS user guide:

http://www.aci.health.nsw.gov.au/ data/assets/pdf file/0004/155263/usejay.pdf