

A2J

PELVI.LOC[®]

Pelvis-Retraction Systems

Finally there's a retraction system, that fixes pelvis to the seat flat and does not press pelvis against the wheelchair's lean.

PELVI.LOC[®] is the name of the product featured by A2J Company. It is characterized by optimized pressure distribution and easy handling.

Wheelchair user suffering from neuromuscular diseases, hemi- or paraplegics have great difficulty in sufficient stabilization of pelvis.

Stability and power determine the efficiency of our movements.

A2J Company faced to this problem and developed an innovative solution.

The retraction system **PELVI.LOC[®]** connects pelvis and legs with the wheelchair and forms a functional unit. As a punctum fixum this unit forms the pivot for an efficient use of the functional muscles. Thus the available power realizes its maximum effects for the patient.

Even the choice of the retractor's tensile direction shows, what A2J means by physiological seating:

Not the back is pressed against the wheelchair's lean, but the pelvis is held on the seat flat.

An optimized 3D shape of the belt's pelottes improves the safety of motions und offers high wearing comfort. Due to this a great advantage results in cases of extensional spastics: the three dimensional shaped belt's pelottes an equally absorption of power along the hip's inflexion fold. Especially the very sensitive part of the spina iliaca anterior superior will be protected this way. Even a all day long usage is possible. Above all Parents of affected children will be glad about this fact.

Passive stabilization of pelvis and legs permits free seating and ambidextrous actions, where as usually one hand is searching for grip somewhere along the wheelchair.

At the mean time the coordination of movements will be improved significantly.

This matter supports the success of occupational therapy and physiotherapy providing a maximum of independence for the patient.



PELVI.LOC[®] can be combined easily with existing wheelchairs or seat shells, individual adaptation, fasten and release are possible one-hand.

With its 3D belt's pelottes and the ratchet buckle system with quick release **PELVI.LOC[®]** is easily affixed to any kind of wheelchair, even for tests.

If you like to get your own experience in usage of **PELVI.LOC[®]** please contact A2J for an exemplar, which you may use in your occupational therapy or physiotherapy during 4 weeks for free.

