

Sherry Rovig: Past Projects

Custom Seating

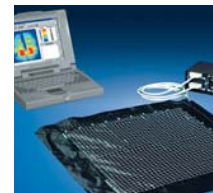


Custom Seating for Different Applications

Proper seating is essential for both health and function. The custom seating examples shown respond to the needs of individuals. Systems are described from left to right. The first photo shows a sitting support orthosis with lateral supports, a custom contoured seat and back, and upper extremity support via the tray. The next photo shows an insert that was made for a dwarf for use in his car, supporting him in a good position for driving. The third example is a chair for a beautician with Osteogenesis Imperfecta. She is short in stature and has balance problems. The chair allows her to work from either a seated or standing position. When seated, she can fold down a footrest. When standing, she can lean forward or to the sides with the anterior and lateral supports built into the platform. The last chair was modified for a person with neck and back injuries. A headrest was attached, and broader, padded armrests were added.

Pressure Management Technology for Seating

When individuals are fitted for custom pressure management seating systems, such as those Sherry has provided at Tamarack, a pressure mapping system is used to assess the efficacy of the cushion in distributing pressure away from bony prominences.



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