

# THE CHILDREN'S CARE

## Seating & Wheeled Mobility Clinic

The Children's Care Rehabilitation Center offers thorough seating and positioning evaluations for children and adults utilizing our specialized, experienced staff of physical and occupational therapists, skilled technicians and South Dakota's only therapists certified as Assistive Technology Practitioners (ATP) by the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA).

### Evaluation

Through intake information and interview, we develop goals and objectives specific for each client. This determines the direction of the evaluation.

An orthopedic, range of motion, and positioning assessment (mat examination) is performed to determine positioning and support needs. Detailed client measurements are taken to determine proper fit.

The client is then positioned in a state-of-the-art linear **seating simulator**, which is individually adjusted to resemble the desired position from the mat examination. Simulation can tell us what will work immediately. This eliminates much of the "guess work" when ordering equipment and making modifications. The seating simulator is easily adjusted and can be configured for infants to adults.

In addition to the seating simulator, the clinic team also has one of the highest technology evaluation tools available, called the **FSA Pressure Mapping System**. This tool is very beneficial to individuals who suffer from decubiti ulcers, limited sensation, or who have limited communication skills. This system enables therapists to obtain precise, objective information, allowing them to assess each potential seating option and the effect on pressure distribution. The ability to see a visual representation of each option assists the team in accurately recommending an appropriate course of action. It is used both as an evaluation tool and also as an excellent

teaching tool to demonstrate proper positioning and pressure relieving techniques.

The clinic team also has the equipment and training to evaluate and order custom molded seating systems using the **Otto Bock Shape System** (digital computer based technology for custom molded, contoured seating). Using the Otto Bock Shape System the seating team can make what is essentially an orthotic made of pressure relieving foam for the trunk and lower body of individuals with significant orthopedic involvement or history of problems with skin breakdown.

### Recommendations

Recommendations are documented as part of a written comprehensive report based on clinical findings.

The clinic team can make wheelchair modifications on site and work with Rehabilitation Medical Supply (also located on site) or with other medical equipment vendors when ordering new or replacement equipment. Equipment vendors are also encouraged to participate as a member of the evaluation team.

Once the modifications are completed or new equipment is ordered and assembled, a fitting is performed to complete the evaluation and assure that the client's equipment needs have been met.

### Follow-up

Follow-up visits are encouraged to determine how the seating system is fitting and if any changes need to be made.

**Call (605) 782-2400 for appointment or details. (Toll-free, 800-584-9294, Ext. 2400.)**



CHILDREN'S CARE  
REHABILITATION CENTER

*For Children with Special Needs and Their Families*

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