

Children's Specialty Hospital

Pediatric
**Inpatient
Rehabilitation**
and
**Medically
Complex Care**



LifeScape

www.LifeScapeSD.org

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**Inpatient
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■ 605.444.9556
■ LifeScapeSD.org



*Excellent Care.
Close to Home.*

Call 605.444.9556

- Refer patients to LifeScape
- Contact a LifeScape provider
- Request a hospital admission

For more information, visit
LifeScapeSD.org/hospital or email
info@LifeScapeSD.org.

Over 65 Years of Pediatric Expertise

LifeScape's Children's Services was founded in 1952 to provide rehabilitation to children recovering from polio. Since then, we have evolved with the times and in our scope of services. We have helped thousands of children recover function, make gains, and find hope.

Children's Specialty Hospital at LifeScape offers excellent, cost-effective, post-acute care to patients from birth through age 21. It is the only pediatric rehabilitation hospital in South Dakota or the surrounding area. We offer expert and compassionate care and support to children and families, closer to home.

Our hospital has two programs: Inpatient Rehabilitation and Medically Complex.



Kate Sigford, M.D.

is Medical Director of Rehabilitation Services. She is the area's only physician to be board certified in both physical medicine and rehabilitation (PM&R) and pediatric rehabilitation medicine (PRM).

Inpatient Rehabilitation

We help children and adolescents regain their highest function after accident, serious illness, or complex surgery. Our rehabilitation nurses and therapists conduct assessments upon admission and throughout the inpatient stay to set goals and measure progress. Families are involved every step of the way in helping their children recover. We never say “never.”



Continuum of Care

With outpatient clinics in Sioux Falls, Rapid City, and Sioux City, patients have a seamless transition of care after discharge. Therapies and orthotic/prosthetic support – as well as wheelchairs and other durable medical equipment – are provided by the same team of rehabilitation experts for as long as needed.

Core Rehabilitation Services

Brain Injury

Our Children's Specialty Hospital brain injury program provides high-quality care to children and young adults who have experienced traumatic and non-traumatic brain injuries.

Brain injury rehabilitation at Children's Specialty Hospital focuses on the delivery of comprehensive care and individualized treatment plans to meet the unique needs of each patient. Our highly trained team of professionals works collaboratively with patients and families to improve health and function.

Our program includes 24-hour nursing care, intensive therapy seven days a week, adaptive equipment, and emotional support for patients and families. We understand the unique needs of children and adolescents and provide education and training to patients and families that encourages healing outside of therapy sessions.

Spinal Cord Injury and Related Neurotrauma

Our spinal cord injury program provides high-quality care for children and young adults who have experienced a spinal cord injury.

We focus on the delivery of comprehensive care, including individualized treatment plans to meet the unique needs of each patient. Our team works to restore function through therapeutic approaches which may include electrical stimulation, weight bearing, functional task repetition, locomotor training, and aquatic therapy.

Our program also includes a team of experts in the areas of assistive technology and equipment. We teach patients and families how to utilize advanced technologies and equipment to maximize independence.

Diagnoses We Specialize in:

- Trauma
- Tumors
- Spina Bifida
- Guillain-Barre Syndrome
- Transverse Myelitis
- Spinal Cord Strokes or Aortic Aneurysm
- Infectious Diseases, such as Meningitis or Encephalitis
- Complications of Spinal Surgery

Additional Conditions We Treat:

- Feeding and swallowing disorders
- Post-orthopedic surgeries
- Post-selective dorsal rhizotomy (SDR) surgery
- Other neurological conditions
- Post-amputation
- Deconditioning/weakness following illness, injury or surgery



*Positive
Outcomes.*

Our Team

- Pediatric Rehabilitation Physician and Physician Assistant
- Pediatric Nurses
- Certified Nursing Assistants
- Respiratory Therapists
- Occupational Therapists
- Physical Therapists
- Speech-Language Pathologists
- Durable Medical Equipment Specialists (Assistive Technology Professional and Seating and Mobility Specialist Certifications)
- Clinical Psychologists
- Social Worker
- Nurse Care Coordinator
- Dietitians
- Orthotists and Prosthetists
- Music Therapist
- School Educator
- Behavioral Analyst

Cutting-Edge Care

- **State-of-the-art assistive technology** – LifeScape is a Center of Excellence in the use of technology. LifeScape therapists offer various assistive technology solutions and have access to the latest technology and equipment used to augment rehabilitation and improve functional capabilities.
- **Lite Gait® body-weight supported device** for gait training.
- **Splinting & orthotics** – Custom-made for upper or lower extremities, as well as for spinal or cranial issues, to improve function and maintain proper positioning. Our practitioners can print 3D custom braces on site as needed.
- **Community outings** – Patient and caregiver practice real-life challenges in the community with the support of a therapist or other staff member. We often accompany children to their schools for a practice run before they return to class.
- **Therapeutic pool** – Therapy is provided in on-site warm water pool.
- **Adaptive equipment** – Patients may be evaluated for adaptive equipment with access to our affiliate durable medical equipment (DME) provider, Rehabilitation Medical Supply.
- **Seating & mobility specialists** – Proper seating and positioning and adaptive equipment for ADLs (Activities of Daily Living) is assured by our four certified Seating & Mobility Specialists, which is more than any other facility in North America.
- **Prosthetics** – Our certified prosthetists have expertise in creating the right fit for patients needing artificial limbs.



Expertise in Transitioning to Home

Our team excels in transitioning patients back to their homes, schools, and communities. Discharge planning is coordinated with the referring physician, insurance case managers, family, school, and community agencies.

Specialists on staff educate and train families, caregivers, and school personnel, so they never feel like they're "on their own." The majority of patients treated in the Children's Specialty Hospital at LifeScape are discharged to home – the best place to be. Our team is there to help, every step of the way.



Intensive Multidisciplinary Feeding Program & Nutritional Therapy

Our Children's Specialty Hospital offers a comprehensive and multidisciplinary team approach for evaluation and treatment of feeding and swallowing disorders. Our highly trained team includes therapists, nurses, and other specialists.

Our therapists have advanced training in the following methods and approaches:

- Sequential Oral Sensory (SOS)
- Beckman Oral Motor
- TalkTools
- VitalStim – neuromuscular electrical stimulation (NMES)

We also have the only speech-language pathologist in South Dakota who is board certified in swallowing and swallowing disorders.

Treatment goals may include:

- Promoting consistent mealtime acceptance
- Promoting weight gain
- Increasing the variety of foods the child will eat
- Promoting development of oral motor skills for feeding
- Promoting developmental feeding skills, such as cup drinking and self-feeding
- Transitioning from tube to oral feeding
- Caregiver training

Medically Complex Care

LifeScape offers a unique pediatric unit, providing 24-hour specialized care to infants, children, and teens who have complex medical needs. Our high nurse-to-patient ratio and on-site therapy team allow every child to receive individualized attention.

Children admitted to our Medically Complex program have a centralized team, including a pediatrician, pediatric specialists (depending upon need), pediatric nurses, respiratory therapists, social worker, nutritionist, and nursing assistants. Physical therapists, occupational therapists, speech-language pathologists, educators, and clinical psychologists are involved as well, depending upon the needs and goals for the hospital stay.

Our team routinely cares for patients with tracheostomies, feeding tubes, ventilators, central lines, or other medically complex issues. Each patient is supported through programs that are specific to his or her individual needs.





Kate Sigford, MD

Dr. Kate Sigford has oversight of rehabilitation and medically complex services at Children's Specialty Hospital and Rehabilitation Center at LifeScape.

Medically Complex Care

Recovery from Surgeries

Patients receiving complex care may have substantial and ongoing healthcare needs. These can be the result of chronic illness, disabilities, hospitalization, or complex surgeries. The Children's Specialty Hospital team specializes in equipment needed to support these conditions and works collaboratively to achieve an optimal discharge plan.

Post-NICU

Our team is experienced in working with complex medical issues, including complications of premature birth. As children reach their health goals, we support them by coordinating with outpatient or community services for a smooth transition to home.

IV Therapy

We administer and monitor IV fluids, medications, and nutrition.

Respiratory Support *(Including but not limited to tracheostomy care, ventilator use and ventilator weaning)*

Pediatric specialists help children and young adults with tracheostomy and ventilators manage complex medical needs 24 hours a day. Pediatricians and pulmonologists who treat children in the inpatient programs provide expert respiratory support and oversight of care plans.

Our therapists work alongside our in-house equipment provider to adapt medical equipment to increase mobility and help children safely access their world and meet developmental milestones.

Palliative Care

Our Children's Specialty Hospital specializes in medical care for people with serious illness. Our medical care team is focused on providing relief from the symptoms and stress of a serious illness with the goal of improving quality of life for both the patient and the family.

Cardiopulmonary Care

Our Cardiac Care Program helps those with congenital (present at birth) heart defects and acquired heart disease increase endurance, regain strength, and reduce future health risks. The pediatric program centers on exercise, education, and functional skills.





Family-Focused.

What Families Say

- "The therapists, doctors, and nurses were all amazing."
- "The knowledge of your staff is unsurpassed."
- "Communication is great. Very friendly and helpful staff."
- "Working together as a team. Communicating goals with family."
- "It didn't feel like being in a hospital."

The LifeScape Advantage

What sets Children's Specialty Hospital at LifeScape apart from all the rest?

- A team of over 30 highly trained therapists in Sioux Falls, between inpatient and outpatient treatment areas
- Pediatric rehabilitation medicine physicians and physician assistant
- Outpatient clinics in Sioux Falls and Rapid City, SD, and Sioux City, IA, for seamless continuum of care
- On-site orthotics and prosthetics
- On-site durable medical equipment provider
- Collaboration and relationships with multiple providers and hospitals across the Midwest

Facility Features

- Private and semi-private patient rooms (with room for parent or guardian to stay overnight)
- Family lounge
- Free cable and Internet access
- Warm water therapy pool
- Colorful therapy gym with a wide array of specialized equipment
- Sensory Integration treatment areas (Snoezelen room designed to provide stimulation in a calming environment, and a sensory-motor room equipped with a therapeutic swing)
- Partnership with Ronald McDonald House Family Room, for family dining and gathering
- On-site cafeteria
- An adaptive outdoor playground for use by pediatric inpatients and outpatients



Empowering people.

Our Vision

All people are valued and respected.

The LifeScape culture emphasizes integrity, compassion, fiscal responsibility, collaborative relationships, and excellence.

LifeScape is the only organization of its kind in South Dakota to provide services for people throughout their lifespan.

We are known for finding innovative solutions for a greater quality of life – when no one else can.

Mission-Driven

LifeScape **empowers children and adults with disabilities to lead fulfilling lives.** We provide **excellent and compassionate service to over 4,000 people every year** from centers in Sioux Falls, Rapid City, and Sioux City.



COMPASSION-

CARE

EXCELLENCE



LifeScape

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