

Shodair Summary of Services

Child and Adolescent Psychiatry Program

Inpatient Psychiatric Services

Grassland Unit

- 20 beds
- Middle and High School age
- Average length of stay – 10 days
- 702 admissions in 2018

High Desert Unit

- 10 beds
- Elementary School age
- Average length of stay- 9 days
- 230 admissions in 2018

Psychiatric Residential Treatment Facility Services (PRTF)

Yellowstone Unit

- 20 beds
- Middle School age
- Average length of stay- 53 days
- 113 admissions in 2018

Glacier Unit

- 24 beds
- High School age
- Average length of stay- 48 days
- 144 admissions in 2018

School program accredited by the Northwestern Accreditation Commission

Therapeutic Group Homes

- Honeybee – 6 beds
- Bumblebee – 6 beds
- Ages 6-11

Day Treatment

- Therapeutic Learning Center provided on campus
- Serves up to 18 students from the Helena Public Schools
- Grades K-5th
- Operates 220 days per year

Outpatient Services

- Started October 1, 2018
- Located on Shodair's campus
- Staffed with child and adolescent psychiatrists, psychiatric nurse practitioner, clinical psychology licensed therapists and registered dietitian
- Free consultations with pediatric providers – Shodair Connect

Patient Demographics

- 99% of patients served are from Montana
- 44 Montana Counties served
- 70% of patients served rely on Medicaid (30 cents reimbursed for every dollar of care provided)
- 17% of patients served are Native American

Commitment to Mission and Vision

- Shodair Inpatient and Residential programs served 19% more kids in 2018 compared to 2017.
- Shodair uses Sanctuary, a trauma informed model of care, to build a culture of safety where healing can occur. The use of restraints and seclusions significantly decreased in 2018.

Staffing

- Psychiatrist
- Therapist
- Speech Therapist
- Nutritionist - Dietitian
- RNs, LPNs
- Mental Health Technicians
- Psychiatric Nurse Practitioners
- Psychologist
- Music Therapist
- Recreation Therapist
- Spiritual Care
- Family Nurse Practitioners

Shodair Summary of Services

Montana's Medical Genetics Program

Summary of Genetic Services

The Medical Genetics program at Shodair is Montana's only comprehensive care for children and adults with genetic conditions. Genetic services include diagnostic evaluation, care coordination, and risk assessment. Additionally, a licensed clinical psychologist provides neuropsychological assessments, as indicated.

The Pallister Medical Genetics Laboratory at Shodair provides answers to families through the diagnosis of rare and complex genetic conditions. Working in tandem with the Clinical Genetics program at Shodair, state-of-the-art genetic techniques are utilized to provide accurate, affordable diagnoses for patients of all ages.

Patients served:

Shodair's Medical Genetics Program served a total of 1,800 families in 2018 through both clinical and laboratory services.

Genetics Clinics:

Shodair's Genetics Program provides consultations to patients throughout Montana. We see patients in Helena and at outreach locations state-wide, as well as HIPAA-compliant telemedicine consultations. Telemedicine involves the use of computers, tablets, and mobile phones to access healthcare remotely; often patients connect from their homes or from their healthcare providers' offices.

Clinic Locations:

Helena, Billings, Great Falls, Kalispell, Missoula, and Bozeman

Telemedicine:

Shodair's Medical Genetics Program conducts telemedicine clinics on a monthly basis. Genetics patients are able to receive necessary consultation without the burden and cost associated with travel.

Cancer Genetics:

Shodair's Cancer Genetics Program provides consultation and risk assessment for individuals with personal or family history that might suggest an increased risk of cancer. Patients are seen in our monthly Cancer Clinic and throughout the state via telemedicine.

Newborn Screening Follow up and Biochemical Genetics:

The state of Montana conducts newborn screening on all babies born in the state. The 29 conditions screened for are rare and have severe and life threatening consequences if left untreated. Shodair's team of a metabolic geneticist, RN and dietitian provide the follow-up care and management for babies who screen positive for these conditions.

Genetic Laboratory:

The Pallister Medical Genetics Laboratory at Shodair utilizes both traditional genetic technologies as well as cutting-edge techniques such as chromosomal microarray analysis and next-generation sequencing (including "whole – exome" sequencing) to provide diagnostic answers for Montana citizens.

Next-generation sequencing (NGS), also known as "massively parallel sequencing," is today's standard in the detection of DNA sequence changes that result in genetic disorders. This technology has the potential to analyze a single gene, all 20,000 genes in the human body, or all of a person's DNA simultaneously. In 2018, Shodair was able to test approximately 5,000 genes at a time. In 2019, Shodair's genetics laboratory will begin using a sequencing instrument with even greater capacity, including the capacity to perform "whole – exome" sequencing) that will also allow us to simultaneously test multiple family members for the inheritance of DNA changes, reducing the necessity of extra testing and getting results to families faster.