ABOUT SIM-SD

Many pre-hospital and hospital emergency care personnel in South Dakota only encounter a critically ill or injured patient once or twice a year. SIM-SD is a one-of-a-kind mobile education program designed to give providers the chance to encounter a similar 'patient' multiple times with focused feedback in a managed-stress environment.

SIM-SD 'patients' are some of the most technologically advanced training tools available to the medical community today. These 'patients' are human-like, computerized mannequins (human patient simulators). They are crucial in helping emergency care personnel improve their skills as providers, communicators and team members, which ultimately positively impacts patient care for all South Dakotans.

PARTNERS

SIM-SD is proudly brought to you by a partnership of the South Dakota Department of Health, Avera Health, Mobridge Regional Hospital, Regional Health, Avera St. Mary's Hospital and Sanford Health. The Office of Rural Health, Department of Health administers this statewide educational program.

VISION

Ensure quality health care for all South Dakotans.

MISSION

Develop a statewide system to provide access to technologically advanced training that will enhance the delivery of emergency patient care in rural/frontier South Dakota.

GOALS

1. Provide increased outreach educational opportunities for emergency care personnel in rural communities.
2. Enhance competence and confidence among rural emergency care personnel.
3. Strengthen relationships between pre-hospital and hospital emergency care personnel to facilitate consistency of care.

For more information about SIM-SD, contact the South Dakota Office of Rural Health at **(605) 773-3361** or via email at **dohhealthcareers@state.sd.us.**

SIMSD
Simulation In Motion-South Dakota
A Partnership for Emergency Patient Care

SIM.SD.gov

For more information visit **SIM.SD.gov**

Bringing Emergency Care Education to LIFE

SIMSD
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SIM-SD

MOBILE LEARNING LABS & OUTREACH UNITS

SIM-SD brings a quality educational experience directly to emergency care providers' communities.

Avera Health, Regional Health and Sanford Health each own a fully equipped, 44-foot custom-built mobile learning lab, built by Rosenbauer America. Each lab emulates both an ambulance (in the rear of the truck) and an emergency room (in the front). The center of the mobile learning lab is a computer control room that operates the patient simulators.

In addition to the mobile learning labs, two smaller outreach vehicles are also available to provide training. Avera St. Mary's Hospital and Mobridge Regional Hospital operate the outreach units and provide localized training in the central portions of South Dakota. Both the Mobile Learning Labs and the Outreach Units are equipped with human patient simulators and a standardized educational curriculum to ensure that everyone who participates receives a quality training experience.

The mobile learning labs and outreach vehicles were provided through grant funding from The Leona M. and Harry B. Helmsley Charitable Trust.

SIMULATORS & SCENARIOS

The state-of-the-art human patient simulators are life-like: they breathe, talk, cry, react to medicines and die, just like humans. But, they come back to life again. The simulators deliver hands-on SIM-SD education so that emergency care personnel can practice their skills repeatedly.

All SIM-SD partners have a variety of human patient simulators: an adult (iStan/METIman), a child (PediaSIM) and an infant (BabySIM). Scenario programming has been developed for each of the human patient simulators. This programming helps emergency care personnel better provide care in real emergency situations.

iStan/METIman has several programs including:

- Medical
- Respiratory
- Trauma
- Cardiac
- Neurologic

PediaSIM and BabySIM have several programs including:

- Medical
- Respiratory
- Trauma

BENEFITS OF THE SIM-SD PROGRAM

In addition to providing accessible, hands-on training for emergency care personnel in their own communities, the SIM-SD program uses standardized curriculum that ensures uniform educational opportunities for all South Dakotan emergency care personnel. A non-threatening learning environment helps enhance team performance in critical care crisis management. This is an opportunity for emergency care personnel to test and practice their critical-thinking reactions and skills and receive focused feedback, which leads to a high degree of familiarity and confidence — something that will be invaluable as they continue to encounter emergency situations.