Kelly Dollinger (Paramedic, Dickinson Area Ambulance Services):
There was a call for a group of people that were out in a canoe in Patterson Lake. It’s right outside of Dickinson.

Slide: Dickinson, ND Population: 20,826 - U.S. Census Bureau (2013)

Kelly Dollinger: We were informed that there was a drowning victim and CPR was in progress with that person. We were also informed that there were two pediatric patients.

Slide: The patients were transported to the hospital.

Kelly Dollinger: One of the local physicians was actually performing manual CPR on the drowning victim at which time I walked into the room and I asked Dr. Swenson if he would like me to bring in the Lucas Device.

Sheldon Swenson (E.D. Physician, St. Joseph’s Medical Center): That was the first experience I’ve ever had with the Lucas Device and I was impressed at how quickly we were able to get that set up and how that did help us out.

Susan Price (Emergency Services Director, St. Joseph’s Medical Center): We usually rotate through two people back and forth so it freed up two people to go ahead and take care of the other two traumas that were coming in at the same time.

Sheldon Swenson: For long CPR which can be very fatiguing, for those of us rotating through that process.

Susan Price: It utilizes staff better because the staff is available to do other things and other tasks.

Kelly Dollinger: Compression rates and depths were significantly improved for manual compressions and it just ran by itself and just did its thing and we just did our thing and didn’t have to worry about stumbling over anybody doing compressions.

Many people do not recover even after CPR is administered. The patient did not survive. The LUCAS 2 Device allowed more EMS professionals to focus on saving the patient’s life while treating the other two traumas.

Brian Andersen (EMT, Velva Ambulance Service): We were called to a rural residence over a half over away from here.

Slide: Velva, ND Population: 1,084 - U.S. Census Bureau (2010)
**Lorrie Sollid** (EMT, Velva Ambulance Service): Helicopter was called – North Star from Minot – due to the nature of the call.

**Brian Andersen:** A gentleman that got caught in an anhydrous cloud, with difficulty breathing.

*Slide: Anhydrous Ammonia is used to fertilize farm crops.*
*Slide: It can cause death from swollen throat or chemical burns to the lung.*
*Slide: nearest trauma center: 23 miles away*

**Lorrie Sollid:** We were doing bag valve mask and that’s when he started to go downhill and went into cardiac arrest.

**Brian Andersen:** Very shortly after we started the Lucas Device, a spontaneous pulse returned to the patient. We were able to do continuous, high-quality CPR while moving the patient downstairs and into the ambulance.

**Lorrie Sollid:** It was so easy to hook up, it wasn’t that heavy for anybody to handle, even a smaller person would’ve had no trouble hooking that up. It just went so smooth.

**Brian Andersen:** The device is very easy to set up, worked flawlessly; it’s easy to pause when we had to analyze rhythms. It didn’t interfere with the patient care at all. It actually probably made transporting the patient easier because it controlled the arms of the patient.

**Lorrie Sollid:** I was amazed. I was amazed how... I, like I said I don’t think it took us more than thirty seconds to slap it on and it was goin’. It was a bad call but it had a positive outcome and that was a big part of it.

*Slide: The patient survived.*
*Slide: He still farms outside of Velva with his family.*

**Susan Price:** There aren’t any interruptions so that’s the beauty in the device.

**Sheldon Swanson:** I see this being of even further benefit out in the back of the ambulance rig where the staff is very limited.

**Kelly Dollinger:** I would really hope that that technology would be put into play on my family.

**Brian Andersen:** It’s probably the future of CPR; I think it’s gonna be mandatory protocol, it must be in every rig.

**Lorrie Sollid:** It was wonderful. I don’t know how else to describe it; it was wonderful.

*Slide: Funding for the Lucas Device is made possible by The Leona M. and Harry B. Helmsley Charitable Trust*