Since its inception, the center has educated countless healthcare providers through the doors of their hospital or practice unable to predict what they would face. But thanks to the Kinsley Family Foundation Medical Simulation Center, hundreds of healthcare professionals have the hands-on training opportunity to practice and prepare for the unusual and unexpected.
Prefering for the Future:
Taking the next steps in advanced medical simulation

Medical education has, for nearly 20 years, promoted a culture of clinical excellence at WellSpan York Hospital. It is a vital part of the hospital’s mission and has played a leading role in making WellSpan York Hospital one of the best community hospitals in the nation. Rapidly changing technology, new industry standards, increased healthcare costs, and a stronger focus on training efficiency call for ongoing commitment to the advancement of medical education.

That is why a new Education through Simulation Endowment Fund has been established. The fund will further WellSpan York Hospital’s commitment to experiential learning through advanced medical simulation - helping the hospital continue its tradition of attracting the “best and brightest” to our community-enhancing the region in so many ways.

Thank you for your support,

Dr. Michael Bohn
Director of Medical Education

The Kinsley Family Foundation Medical Simulation Center

In 2008, WellSpan York Hospital opened the state-of-the-art Kinsley Family Foundation Medical Simulation Center for medical students, practicing physicians and other healthcare professionals to learn and experience modern technologies with a variety of life-like human patient simulators in a mock Operating Room and Emergency Room. In this facility, training participants experience a wide range of medical procedures and can observe themselves in simulated emergency situations, all without the danger of harm to live human patients. Human patient simulators breathe, bleed, scream and more. At the center, participants perform tasks related to a variety of clinical scenarios before working with real patients. At the same time, participants exercise teamwork – learning how to function as a group in a potentially tense and time-controlled exercise.

Since its addition, the center has become a cornerstone in the training of resident physicians, students, and staff - and across the WellSpan Health system. Staff training occurs on a regular basis. The Kinsley Family Foundation Medical Simulation Center team provides on-site simulation training for each WellSpan Medical Group office practice yearly and on-site training for several combined programs with York College. Training directly impacts organizational patient safety and quality goals and ranges from curriculum-based learning to focused training resulting from safety or quality reviews of specific events.

The Broad Impact of the Kinsley Family Foundation Medical Simulation Center

Residency Training for physicians
Patient Experience Education curriculum for all resident physicians
Intern Boot Camp for new resident physicians on procedural/clinical knowledge training
Accredited and Advanced Training Courses including ATLS (Trauma), NRP (newborn resuscitation) and BDLS/ ADLS (disasters)
Seminars and Symposia on sports psychology, anesthesiology, ultrasound, and more
New Nurse Orientation and Training for all new WellSpan York Hospital nurses
Staff Nurse Training for Open Heart ICU, NICU, ED, and many other units
Nursing Competency Sessions
York College Nurse Anesthetist Program
Annual All-Staff Emergency Response Drills
Allied Health training for respiratory therapy, physical therapy, laboratory science, and more
Health Coach Training
Inter-Professional Education sessions for OR and Labor and Delivery Staff, as well as for medical, nursing, respiratory therapy, pharmacy and other students
WellSpan System Training Resource for on-site simulation/emergency training in each Medical Group office and physicians from regional hospitals
Community Outreach programs/sessions for local high school/college students
Information Services Resource for electronic health record (EHR) planning and programming in a simulated clinical space
Special Projects
New Opportunities for Improvement

Additional Space for equipment storage and reconfigurations for multiple learner groups

Administrative Support needs have increased dramatically as the center has grown in utilization. Additional administrative support will create more opportunity for curriculum development and community engagement.

Accreditation through the American College of Surgeons and the Society for Simulation in Healthcare will represent and ensure best practices of teaching, assessment and system integration. It will set the center apart for excellence in the region.

System-wide Resource expansion requires a comprehensive and fully inclusive needs assessment for long-term sustainability and quality.

Operational Budget needs including the implementation of the American College of Surgeons simulation training curriculum are necessary to ensure that the Kinsley Family Foundation Medical Simulation Center continues to fulfill its mission.

Current Funding Priorities

$65,000 – Thoracotomy Surgical Model
This model allows realistic surgical training of several chest trauma scenarios. Chest trauma requires rapid skilled response to save a life. This training is very difficult for the residents to obtain because cadaver models are expensive and require travel away from the hospital and training on patients when life is in the balance is difficult. Having this new surgical technology in-house would allow more practice in these life-saving procedures.

$40,000 – C-Section Surgical Model
This model allows realistic surgical training of several C-section and post-C-section operative scenarios. Until now there has not been a believable model for this type of procedure. Having this new surgical technology in-house would allow residents to be competent, safe and proficient in their surgical skills prior to working with a patient.

$25,000 – Low fidelity, low cost, light weight wireless simulator for out-of-hospital emergency drills
We are currently using an expensive, heavy, high fidelity, wireless simulator for out-of-hospital emergency drills. Not only is all this moving not good for the simulator, but it isn’t healthy for the staff who must get it in and out of a van and into wheelchairs, etc. These emergency drills at clinics have been very well received. Several stories have come in from clinics that have testified that the training had a direct effect on their ability to deliver timely and effective patient care in a subsequent emergency situation.

$90,000 – Simbionix GI-Bronch Mentor Virtual Reality Endoscopic Simulator
We are in need of a replacement for the aging (9-year-old) GI Mentor virtual reality simulator. The surgery residents train in gastroscopy and colonoscopy before doing procedures on patients. This training has a profound impact on their ability to do the procedures with finesse in less time and without injury to patients. This upgrade adds bronchoscopy capability for our Internal Medicine residents who are interested in learning to be pulmonary intensivists. It also adds the capability of the Fundamentals in Endoscopic Surgery test that will be required by the ACS of all surgical residents for graduation starting this year.

$100,000 – CAE VIMEDIX Ultrasonography Simulator
This simulator is designed to increase the training capability of our Emergency Medicine residency and Ultrasound Fellowship and our OB/Gyn residents. Learners will become proficient in emergency ultrasound at a much faster rate because of the ability to practice a wide variety of cases in a concentrated time span.

$85,000 – Arthroscopic Simulator Expansion
In 2017, an Arthroscopic Simulator was acquired for orthopedic resident training. The knee model was all that could be purchased for the price. This expansion would provide shoulder and hip surgical simulation. This is especially important considering a recent/current accreditation site visit citation in this area for the orthopedic surgery residency program.

$40,000 – Laparoscopic Simulator Expansion
In 2016 and 2017, the Laparoscopic Simulators were upgraded for surgery resident training. Currently we only own basic surgical procedures. Additional surgical modules would expand its utility and allow the residents to train on advanced cases.

$21,000 – Three Gynecology Procedure Models ($7,000 each)
One of these models was purchased last year as a trial. It is an extremely effective model, so three additional models have been requested. Several gyn procedures can be practiced on this model, allowing the residents to become proficient prior to doing the procedures on patients.

$8,000 – Olympus – Fiber Optic Bronchoscope (refurbished)
Both the internal medicine residency and nurse anesthetist program have asked for a bronchoscope. This is a valuable tool for indirect visualization of the major airways in the lungs. Being able to practice to proficiency at steering and visualization of the anatomy for lesion localization and location of foreign bodies would be of great benefit for these clinicians.

$12,000 – Glidescope, Ranger
The Emergency Department physicians use a Glidescope camera to be able to visualize vocal cords in traumatic or difficult airways for the purpose of securing the airway. Using a camera for indirect visualization of vocal cords takes practice. Having a Glidescope in the Sim Center would allow the residents to become proficient in using this tool so they will be proficient when time is of the essence in the ED. Anesthesia would also benefit since they are often called to assist with difficult intubations and practice with the Glidescope would increase their proficiency.
Preventing the Future is Equally Important

The creation of the Education through Simulation Endowment Fund will provide for today’s critical necessities along with future medical simulation priorities and will help maintain the long-term quality and vibrancy of medical simulation programming at WellSpan York Hospital. Annual funding allotments made available through this endowment in perpetuity will provide the resources to support the ongoing strategic vision of the Kinsley Family Foundation Medical Simulation Center and the medical community it serves.

A Special Invitation for Partnership and Support (Funding Goal - $5,000,000)

We invite individuals and partnering organizations to consider a meaningful gift to help grow the Education through Simulation Endowment Fund to a transformational $5,000,000 level – enabling the center to improve and grow each year - continuing its critical role in helping to improve the quality of care across hospital service lines, training care providers through the very best technology and providing effective educational and experiential resources at WellSpan York Hospital.

- Commitments to the fund can be made payable over three to five years.
- Donor recognition opportunities are available at several giving levels. Contributions can be designated to honor a loved one.
- Bequests, donations of appreciated stock, charitable gift annuities, IRA rollovers and other planned gift options are welcomed.

For additional information on how you can help WellSpan York Hospital prepare for the future through advanced medical simulation through support of the Education through Simulation Endowment Fund, please contact the WellSpan York Health Foundation at (717) 851-1634.

Simulated Scenarios Lead to Real-Life Results

Every day, doctors, nurses, therapists, and other healthcare providers walk through the doors of their hospital or practice unable to predict what types of cases will cross their paths. While much care is standardized, even routine, there are unique and critical cases that healthcare professionals must be ready to address. Sometimes these cases are rare medical events; sometimes they are outside the purview of the healthcare professional’s training. But thanks to the Kinsley Family Foundation Medical Simulation Center, hundreds of healthcare professionals have the hands-on opportunity to practice and prepare for the unusual and unexpected … before they need to handle a real-life situation.

Since its inception, the center has educated countless healthcare professionals. From providing physicians-in-training the opportunity to perfect medical procedures on simulated patients to preparing established caregivers for disaster scenarios, the center is a critical resource for ensuring patients in the community receive the care they need.

The Center’s Impact Is Broad

The center provides a unique opportunity for interdisciplinary training. Doctors, nurses, therapists, and other health professionals work together and have the opportunity to learn the roles and responsibilities in a real-world situation, while learning and enhancing communication skills. Here’s what some of them have to say about their experience.

“The Sim Center provided me with hands-on experience in dealing with emergency clinical scenarios. It taught me how to think through difficult situations and how to work as a team to deliver the best possible patient care. Performing “under pressure” in front of cameras and my supervisors provided a much more realistic atmosphere — an atmosphere that could not be as adequately provided by reading from a textbook or following along with a lecture. I have been presented with real-life patient cases over the past few years that have stretched my thinking, and I feel I was much better prepared due to having been able practice in the Sim Center.”

- Lauren Cashman, MD
  WellSpan Family Medicine, East Berlin

“I had evening hours last Thursday night when a car pulled up to our front door and dropped off a young unconscious cyanotic man that we were able to resuscitate and stabilize prior to EMS arrival. I never thought about how it would feel to be the only doctor available in an emergency situation. I also never thought I would encounter the need to take care of someone so ill in an outpatient setting. I want to say THANK YOU to the faculty that trained me so well in the Sim Center to handle this and I wanted to stress how important our SIM labs really are! I am so thankful I took advantage of those great learning opportunities because you never know when you will be the only provider around in an emergency.”

- Sara Ionescu
  WellSpan Family Medicine, Aspers

“We’re very lucky to have access to the Simulation Center at WellSpan York Hospital. This valuable resource provides our physicians with the opportunity to hone their skills in Crew Resource Management, enabling better teamwork which leads to safer and more effective care for our patients. Crew Resource Management is a management system that focuses on optimizing communication between members of a team tasked with carrying out complicated high-risk processes, such as assessing and treating a sick patient in an emergency situation. The term originates from the airline industry — think taking off/landing a plane or dealing with an emergency in midair. The idea is you empower everyone on a team to recognize potential danger and make it known to all so as to minimize errors and facilitate safe and efficient patient care. Basically it’s a standardized way of teaching teamwork.”

- Quincy Harberger, MD
  WellSpan Family Medicine, Roosevelt Ave.

The sim center provides fascinating training opportunities for healthcare professionals, but its primary goal is far more critical: enhancing patient safety.

For more information or questions, please contact

Matthew G. Lane, Executive Director
WellSpan York Health Foundation
50 N. Duke Street, York, PA 17401
Phone: 717-851-1634
mlane3@wellspan.org
YES, I/We want to support the Education Through Simulation Fund

I/We would like to support the Education Through Simulation Fund:

☐ $250,000  ☐ $100,000  ☐ $50,000  ☐ $25,000  ☐ $10,000  ☐ $5,000

Donor
Preferred Address (check one and provide)  ☐ Home  ☐ Business  ☐ Other: __________________________________________________
_________________________________________________________________________________________________________________

Phone:  ☐ Home _________________________  ☐ Business ________________________  ☐ Cell ____________________________

Preferred Email:  ☐ Personal  ☐ Business ______________________________________________________________________________

Payment Schedule  How would you like to donate?
☐ Onetime (Please make checks payable to WellSpan York Health Foundation or visit www.wellspan.org/donate.)

☐ Payroll (Available for current WellSpan Health Employees only)  ☐ 26 pays (one year)  ☐ 52 pays (two years)  ☐ 78 pays (three years)

☐ Pledge  Start Date (Month and Year) __________________________

Pledge Payments (Please Circle):  ☐ Annually  ☐ Quarterly  ☐ Monthly

**Pledge reminders are sent on or around the 15th of each month.

☐ Other (Electronic Funds Transfer, Stock, IRA Roll-over, Bequests, etc.) ______________________________________________________________________________

Recognition
How would you like your name(s) to be listed (in publications, on plaque, etc.)?
__________________________________________________________________________________________________  ☐ Anonymous

Is this commitment in honor or memory of a loved one or colleague? Please complete below.
☐ In honor of __________________________________________  ☐ In memory of __________________________________________

Thank you for helping the Kinsley Family Foundation Medical Simulation Center prepare for the future.

Signature: ____________________________________________  Date: ___________________________

Please return completed form to: WellSpan York Health Foundation, 50 N. Duke Street, 2nd Floor, York, PA 17401
BE PART OF PREPARING FOR THE FUTURE... Through Advanced Medical Simulation
Kinsley Family Foundation Medical Simulation Center at WellSpan York Hospital

Recognition Levels

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Cone of Learning
After 2 weeks we tend to remember...

- Reading: 10% of what we READ
- Hearing Words: 20% of what we HEAR
- Seeing: 30% of what we SEE
- Watching a Movie, Looking at an Exhibit, Watching a Demonstration, Seeing it Done on Location: 50% of what we SEE & HEAR
- Participating in a Discussion, Giving a Talk: 70% of what we SAY
- Doing a Dramatic Presentation, Simulating the Real Experience, Doing the Real Thing: 90% of what we SAY & DO

The Kinsley Family Foundation Medical Simulation Center provides fascinating training opportunities for healthcare professionals, but its primary goal is far more critical: enhancing patient safety.