

Trauma Talk

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Rural Trauma Team Development Course

Few people realize that while only 25 percent of America's population lives in rural regions, more than 60 percent of the trauma deaths in America occur in these remote geographic segments of the country. This simple but little-known fact provided impetus for a group of rural general surgeons and Emergency Medicine Physicians who face this reality every day. The Rural Trauma Team Development Course (RTTDC) is available to rural centers for assistance in addressing this population.,

Chander Regional offers the RTTDC course, which emphasizes a team approach to the initial assessment, resuscitation and transfer of the trauma patient in a systemized, concise manner.

CME credits are available. For more information or to schedule a class contact Lori Wass, MSN, Trauma Program Manager at Chandler Regional at (480) 728-3636 or lori.wass@dignityhealth.org.

Trauma Team Activation Criteria

The activation criteria requirement is to have a graded or tiered system, which is clearly defined and continuously evaluated by the Performance Improvement and Patient Safety program (criterion 5-10 American College of Surgeons).

We have a two-tiered system at Chandler Regional Medical Center:

Trauma Code

- Highest level of response
- Specific criteria to meet to have this level of team activated
- Trauma Surgeons respond immediately
- Involves team members from multiple disciplines and areas of the hospital responding immediately
- Most critically injured patients
- Possibly multiple injured patients

Trauma Alert

- Lower level of response
- Specific criteria to meet to have this level of team activated
- Less severely injured patients

Trauma team responses are tracked and reported. The Trauma Surgeon is required to arrive within 15 minutes of the Trauma Code activation. This goal is set by the American College of Surgeons. Trauma Surgeons will be in house 24/7, 365 days.

There are specific roles for everyone on the trauma team. Each person knows their individual responsibilities during a trauma activation.

Trauma Research

As Chandler Regional Medical Center moves toward achieving provisional state designation and American College of Surgeons verification as a Level I trauma center, trauma research will be conducted with the goal of ultimately improving

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Chandler Regional Medical Center Trauma Services

Contact any of us with questions
or educational needs

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Trauma Research, *continued*

the care of critically ill and injured patients. The center will engage in projects using Chandler Regional's trauma database and will collaborate in national, multicenter studies. Multicenter networks enable researchers from the diverse disciplines of trauma and emergency care to assemble sufficiently large data sets to establish robust research findings. This necessary research will be overseen by Alan Cook, MD, Director of Trauma Research and Trauma Critical Care Surgeon, and Annette Taylor, RN, Trauma Research Coordinator, Brent Robinson, Research staff support and Doctor of Medicine candidate from Creighton University Medical School.

Upcoming studies include:

1. The use of presumptive antibiotics in tube thoracostomy for traumatic hemothorax.
2. The management of pneumatosis intestinalis.
3. Novel oral anticoagulants.
4. The management of occult pneumothoraces in mechanically ventilated patients.

Orthopedic Trauma Team



Fred Wilson, M.D. – Trauma Liaison

Dr. Wilson is the Orthopedic Trauma Liaison for Chandler Regional Medical Center. He has 22 years of experience in orthopedic surgery, and specializes in Orthopedic Trauma involving complex fractures of the pelvis and acetabulum, joints, and periarticular region; fractures involving segmental bone loss; as well as multiple injuries.

DuWayne Carlson, M.D.

Dr. Carlson is a fellowship trained orthopedic trauma surgeon who has worked at several different trauma centers. His research has centered around general orthopedic trauma and unusual fractures at the knee (tibial plateau). Fractures and problems with fractures are his interest.



Jeffrey Martin, M.D.

Dr. Martin comes to us from Helena, Mont., where he was named one of the top orthopedic surgeons. He has nearly 20 years experience in orthopedic surgery, including a special focus on the spine.

Neil Motzkin, M.D.

Dr. Motzkin brings 20 years experience in orthopedic surgery to our Trauma Section.

He specializes in Orthopedic Emergency Surgery, with a subspecialty in Sports Medicine.



Dana Seltzer, M.D.

Dr. Seltzer is the Chairman of the Orthopedic Department and Director of Orthopedic Trauma at St. Joseph's Hospital and Medical Center, and will also serve as lead of our Orthopedic Trauma at Chandler Regional. He has more than 20 years of experience in orthopedics, and his specialty trainings include orthopedic trauma and fracture management, sports injuries and arthroscopic surgery of the shoulder, elbow, knee and hip, and common and complex

shoulder and elbow problems, including shoulder and elbow replacements.

Upcoming Education

Trauma Symposium presented by St. Joseph's Hospital and Medical Center
February 13-14, 2014
Register: 1-877-602-4111

Rural Trauma Team Development Courses

Internal Trauma Skills/Education Days

On-going education for department specific needs related to trauma

Mock Traumas