DIVISION OF TRAUMA
& SURGICAL CRITICAL CARE

TRAUMA OPERATIONS MANUAL
Mission Statement:

Our Mission
UMass Memorial Medical Center Level I Adult and Pediatric Trauma Program is committed to excellence in providing compassionate, patient-centered care to individuals and families that have been impacted by trauma and adversity.

Our Vision
UMass Memorial Medical Trauma Center will be the provider of choice for patients, physicians and employees in Region II. Our care will continue to be supported by a highly trained, multidisciplinary and committed workforce. Advanced technology, a leader in education, injury prevention and research will help distinguish us as a leader in trauma care.

Our Values
UMass Memorial Medical Center Level I Adult and Pediatric Trauma Program is committed to: excelling at patient-centered care, acting with integrity, respecting one another, contributing to the community, improving through teamwork and systems thinking and embracing accountability and integrity.

July 2009
# Table of Contents

## General Administrative Policies/overview

- General Guidelines ........................................................................ 1
- Goals and Objectives ...................................................................... 1
- Conferences, Trauma Clinics .......................................................... 4
- Communication ................................................................................. 5
- Criteria .......................................................................................... 6
- Trauma Activations: Levels of Response ......................................... 6
- Leveling of Patients .......................................................................... 7
- Documentation ................................................................................ 11
- Administrative Office ........................................................................ 13
- Trauma Registry .............................................................................. 14
- Injury Prevention .............................................................................. 15

## Trauma Team Responsibilities

- Trauma Attending ............................................................................ 15
- ED Attending ................................................................................... 15
- Sr. Resident ....................................................................................... 16
- Jr. Resident ........................................................................................ 17
- Trauma Program Manager ............................................................... 18
- Nurse Practitioner ............................................................................ 18
- Trauma Deaths .................................................................................. 19
- Transition Lab and X-Ray Panels ..................................................... 20
- Transfusion Medicine ....................................................................... 20
- Radiology .......................................................................................... 22
- Forensics .......................................................................................... 24
- Directed Interventions (Substance Abuse, Violence) ....................... 24
- Immediate Transfer to OR ................................................................. 20
- Informed Consent / Telephone Consent .......................................... 25
- Inter-service Transfers ...................................................................... 26
Universal Precautions

**Primary Survey: Airway, Breathing, Circulation**

Team Leader: Primary Responsibilities

Airway

Emergency Department: Responsibilities

Anesthesia: The difficult airway

Surgical Airway

Breathing

Hemo, Thorax, Pneumothorax, Tension

Pneumothorax

Immediate interventions

Needle Decompression

Initial Radiographic Studies

Circulation

Pelvic Fracture

Penetrating Trauma with/without Shock

ED Thoracotomy

Disability

Environmental Exposures

End Points of Resuscitation

**Secondary Survey/Definitive Care**

Guidelines for Subspecialty Consultation

Individual Services

Reversal of Coagulopathy

Transfusion Coagulopathy

Thrombocytopenia

Coumadin: INR

Spine

C-Spine Evaluation and Clearance

T/L Spine Evaluation/Clearance
Transmediastinal Injury .......................... 40
Penetrating Trauma .............................. 41
Head ............................................. 41
Neck ............................................. 41
Chest ............................................ 42
Thoracoabdominal/Flank/Back ................ 44
Extremities ...................................... 45
Blunt Injury .................................... 48
Aortic Injury ..................................... 48
Cerebrovascular Injury .......................... 49
Cardiac Injury ................................... 49
Thoracic .......................................... 50
Blunt Esophageal ................................ 51
Tracheobronchial ................................. 51
Diaphragm ......................................... 52
Pulmonary Contusion ............................. 53
Bony Chest Wall Injury .......................... 54
Abdominal Trauma ................................ 55
Spleen ........................................... 56
Liver .............................................. 57
Kidney ............................................ 58
Bowel/Mesenteric Injuries ................. 59
Pancreas ......................................... 61

Special Considerations
Hypothermia ..................................... 62
Near Drowning .................................. 65
Pregnancy ....................................... 66
Strangulation .................................... 72
Traumatic Asphyxia ............................... 73
Syncope .......................................... 74
Rectal Injury .................................... 75
DVT Prophylaxis .................................. 75