UF Health trauma bay at UF Health Shands Trauma Center.

UF Health Shands Trauma Center is a Level 1 trauma center as designated by the state of Florida.

Level 1 trauma centers are required to:

- Be prepared to manage the care of the most complex trauma cases, including both adult and pediatric trauma surgery care.
- Provide 24/7 on-call coverage by numerous surgical specialists, including neurosurgeons, orthopaedic surgeons, trauma surgeons, cardiothoracic surgeons, vascular surgeons, OB/GYN surgeons, ophthalmologists, microvascular surgeons, otolaryngologists, plastic surgeons, anesthesiologists, maxillofacial surgeons and others.
- Have 24/7 on-call medical coverage by cardiology, internal medicine, gastrointestinal medicine, infectious disease, pulmonary medicine and nephrology physicians, as well as respiratory therapists, dialysis and nutrition support teams.
- Have high patient volumes, admitting at least 2,500 patients annually.
- Have a high level of ICU care directed by a dedicated ICU team and director.
- Be actively engaged in trauma research, education, outreach and injury prevention.

24/7 trauma surgery and on-call coverage by medical and surgical specialists

2,500+ patients annually

28,337 patients between 2004 and 2015
Trauma center size, scope and staffing

The UF Health Shands Trauma Center incorporates many units within UF Health Shands Hospital and the Critical Care Center, beginning with the trauma/resuscitation bay adjacent to the emergency room, and moving to the main floors throughout the hospital that care for trauma patients, as well as the UF Health Shands Rehab Hospital. A significant portion of UF Health Shands employees work directly, indirectly or are otherwise involved with the trauma program.

Staff at the UF Health Shands Trauma Center include:

- Three board-certified pediatric trauma surgeons
- Ten board-certified adult acute care surgeons
- Numerous emergency room physicians and nurses who staff the trauma/resuscitation suite on a daily basis
- Unit nurses from multiple units where trauma patients are transferred to after being cared for in the trauma center
- Radiologists and radiology techs
- Pharmacists
- Physical, occupational and speech therapists
- Unit techs
- Housekeeping and environmental services
- Social workers and case managers
- Trauma administration and support staff
10 Years of Serving Trauma Patients

- Within the program's first 10 years, between 2004 and 2014, UF Health Shands Hospital had 24,066 patients admitted.
- 1,546 patients were treated during the program's first year.
- 2,528 patients were treated during the program's 10th year.
- On average, 50 trauma patients are treated weekly.

Types of trauma cases treated

Trauma is often broken down into three categories:

- Blunt injuries (any blunt force injury to the body, including motor vehicle crashes)
- Burns (ranging from house fires to spilled soup)
- Penetrating wounds (from guns, knives, glass, bites, etc.)
- Motor vehicle crashes and falls account for almost HALF of all our trauma patients:

<table>
<thead>
<tr>
<th>Type of Trauma</th>
<th>Number</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>MOTOR VEHICLE CRASH</td>
<td>7,059</td>
<td>29%</td>
</tr>
<tr>
<td>FALL</td>
<td>5,165</td>
<td>22%</td>
</tr>
</tbody>
</table>
Pediatric trauma

- Approximately 15 percent of all trauma patients are pediatric patients (age 0-17).
- Burns account for the largest number of pediatric trauma-related injuries.

### UF Health ShandsCair facts

- Between 2004 and 2015, UF Health ShandsCair transported more than 3,500 trauma patients via helicopter.
- UF Health ShandsCair has transported trauma patients from 67 Florida counties and two Georgia counties.
- The farthest UF Health ShandsCair has transported trauma patients were from Mexico and Guatemala, via fixed-wing aircraft.