

The Role of Brain-Bone Marrow-Gut Interaction Following Major Trauma

NCT06606119

Status	RECRUITING
Sponsor	University of Florida
Enrollment	275 participants

Key Eligibility Criteria

Inclusion (7)

- Severe Trauma Cohort
 - All adults (age ≥18).
 - Blunt trauma with an injury severity score > 15 and a long bone or pelvic fracture requiring open reduction internal fixation or intramedullary fixation
 - Blunt trauma patients with shock, defined by either a systolic BP (SBP) <90 mm Hg or base deficit (BD) ≥5 meq or lactate ≥2 mmol/L or active red blood cell or whole blood transfusion within 6h or arrival
 - All adults (age ≤55).
- ... and 2 more (see full listing online)

Exclusion (17)

- Patients not expected to survive greater than 48 hours
 - Prisoners
 - Pregnancy
 - Previous bone marrow transplantation
 - Patients receiving chronic corticosteroids or immunosuppression therapies
- ... and 12 more (see full listing online)

Locations (3 total)

UF Academic Research Building, Gainesville, Florida, United States
UF Health at Shands Hospital, Gainesville, Florida, United States
UF Laboratory of Inflammation Biology and Surgical Science and Shands Hospital at UF, Gainesville, Florida, United States