

# Trauma Resuscitation With Low-Titer Group O Whole Blood or Products

NCT05638581

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Status	RECRUITING
Phase	Phase 3
Sponsor	University of Alabama at Birmingham
Enrollment	1,100 participants

## Key Eligibility Criteria

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### Inclusion (7)

- Adult trauma patient (estimated age  $\geq$  15 or weight  $\geq$  50 kg, if age unknown)
- Patient taken to trauma center directly from scene
- Commencement of blood transfusion (PRBC, plasma or LTOWB), in pre-hospital or in-hospital setting
- Activation of site-specific Massive Hemorrhage Protocol or Massive Transfusion Protocol
- Traumatic injury with at least one of the following:

... and 2 more (see full listing online)

### Exclusion (12)

- Patients who have received, prehospital or in-hospital more than two units of LTOWB; the equivalent in components (two units of packed red blood cells and two units of plasma); or a combination of the two (more than one unit of LTOWB, one unit of packed cells, and one unit of plasma). Most trauma centers hold two units of either packed red blood cells (with two units of plasma) or two units of LTOWB in the emergency department. This stock is used to initiate transfusion, while the massive hemorrhage protocol is activated from the blood bank.
- Patients transferred from another hospital
- Children  $<$ 15 years (in most communities, patients aged 15-18 years are treated at adult trauma centers, and patients in this age group frequently suffer life-threatening injuries, and will therefore be included)
- Known prisoners, defined as individuals involuntarily confined or detained in a penal institution (including juvenile detention, involuntary psychiatric commitment, or court-ordered residential substance abuse treatment)
- Moribund patients expected to die within 1 hour

... and 7 more (see full listing online)

## Locations (13 total)

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University of Alabama at Birmingham, UAB Hospital, Birmingham, Alabama, United States  
Los Angeles County + University of Southern California (LAC + USC) Medical Center, Los Angeles, California, United States  
University Medical Center New Orleans LCMC Health, New Orleans, Louisiana, United States

... and 10 more locations

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<https://clinicaltrials.gov/study/NCT05638581>

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