

**Good Samaritan**

# On-board blood proven to save lives



Hemorrhage is the leading cause of survivable death in trauma. Two recent studies show both adult and pediatric patients benefit from the administration of blood products before arriving at a trauma center.

**Good Samaritan AirCare is the only air ambulance in the region that routinely carries on-board blood products for trauma patients.**

## **Prehospital Use of Blood and Plasma in Pediatric Trauma Patients**

Prehospital use of blood in injured children is rare. However, when indicated, its use will increase hemoglobin, decrease acidosis, and can result in unexpected survivors.

## **Study shows in-flight blood transfusions improve outcomes in trauma victims**

Prehospital RBC was associated with an increased probability of 24-hour survival, decreased risk of shock, and lower 24-hour RBC requirement.

Brown, J. B., Sperry, J. L., Fombona, A., Billiar, T. R., & Peitzman, A. B. (2015). Pre-Trauma Center Red Blood Cell Transfusion Is Associated with Improved Early Outcomes in Air Medical Trauma Patients. *Journal of the American College of Surgeons*. [www.journalacs.org/article/S1072-7515\(15\)00036-8/abstract](http://www.journalacs.org/article/S1072-7515(15)00036-8/abstract)

Potter, D. D., Berns, K. S., Elsbernd, T. A., & Zietlow, S. P. (2015). Prehospital Use of Blood and Plasma in Pediatric Trauma Patients. *Air Medical Journal*, Volume 34, Issue 1, Pages 40-43. [www.airmedicaljournal.com/article/S1067-991X%2814%2900259-4/abstract](http://www.airmedicaljournal.com/article/S1067-991X%2814%2900259-4/abstract)



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