

PATIENT BLOOD MANAGEMENT AWARENESS WEEK

NOVEMBER 3 – 7, 2014

IMPROVES PATIENT OUTCOMES

LOWERS RISKS

REDUCES COSTS

NATIONAL STATS

11%

of all hospital stays with a procedure included a transfusion

Most Frequent Procedures Performed in U.S. Hospitals, 2010, Healthcare Cost and Utilization Project (HCUP). February 2013. Agency for Healthcare Research and Quality.



Blood transfusion is the most common procedure performed during hospitalizations

Most Frequent Procedures Performed in U.S. Hospitals, 2010, Healthcare Cost and Utilization Project (HCUP). February 2013. Agency for Healthcare Research and Quality.

Average consumption red cell **10-30K** units per facility



Nearly **14 million** allogeneic red cell units transfused per year at a direct cost to hospitals of over **\$3 billion** (average red cell \$225/unit)

Department of Health and Human Services. The 2011 National Blood Collection and Utilization Survey Report. Washington, DC: DHHS, 2013.

59%

of RBC transfusions were found inappropriate

Shander et al. Appropriateness of Allogeneic Red Blood Cell Transfusion: The International Consensus Conference on Transfusion Outcomes. Transfusion Medicine Reviews, Vol 25, No 3 (July), 2011: pp 232-246.e53.

CASE STUDY STATS



Transfusion guideline implementations are associated with **47% reduction** in the odds of death and **50% decrease** of total hospitalization cost after cardiac surgery.

LaPar DJ, et al. J Thorac Cardiovasc Surg. 2013 Mar;145(3):796-803; discussion 803-4. doi: 10.1016/j.jtcvs.2012.12.041.



Implementation of an Anemia Management program resulted in a reduction of RBC transfusion by **62%**.

Hyo-Seok Na, et al. Transfusion 2011;51:118-24.



25% reduction in hospital stay for non-transfused vs. transfused patients.

Sarode R, et al. Transfusion 2010;50:487-92.



First year of implementation expenses for blood products **decreased \$510,000** in the first year.

Cole, K.M., & Walker, T. (2012). Implementing a Blood Management Program to Improve Patient Safety. Retrieved May 29, 2013, from http://www.perfusion.com/services/wp-content/uploads/downloads/2012/04/CLMA_CLMR_Q12012_FINAL.pdf

WHAT'S YOUR BLOOD USAGE?