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Blood transfusion: An old concept but are there any new tricks?

Mohamed A.Elhoseny
King Saud University, KSA

The most common type of shock in trauma is hemorrhagic shock. Treatment entails two arms: source control as well as resuscitation. Blood transfusion is a corner stone in resuscitation and in spite of the fact that it is routine process since the evolution of modern medicine; but we are still trying to optimize it. Another important aspect in blood transfusion is the concept of 'Balanced resuscitation' which needs to be more clarified to those working on patient resuscitation. Fresh versus old PRBCs transfusion: A debate between the theory and practice. While the theory might support the use of fresh transfusion; the studies failed to prove any difference in the outcome. Due to shortage in blood supply all over the world; there has been an increasing international demand for the blood substitutes; which might be showing a promising future; how true can this be?

Biography

Mohamed A Elhoseny has graduated in Faculty of Medicine, University of Alexandria, Egypt in 2004; where he joined the Critical Care Medicine Residency Program to finish his Master of Science in Critical Care and Toxicology in 2009. He joined King Khalid University Hospital in 2010 as an intensivist. During his whole career, he always showed interest in spreading the message of how to save more lives. He is a distinguished instructor of the ATLS (advanced trauma life support) courses as well as a TCF (training center faculty) and instructor of ACLS; PALS; PEARS; ACLS EP; AHA ECG & Pharmacology courses. He is also a member of the Royal Colleges of Physicians of the United Kingdom and a member of the Royal College of Physicians of Ireland.

elhosenymohamed@yahoo.com

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