



With the cooperation of Haemonetics, we changed our blood management program in 2005 to our significant benefit. By eliminating preoperative blood donation and using OrthoPAT and Cell Saver extensively, we achieved a remarkable reduction in homologous blood units – up to 160 units less per year – which works out to about a savings of 50,000 € for the hospital over three years. Our blood management practice will continue in this direction for the future, with Haemonetics as our partner.”

*Dr. F-J. Unterburger
Head of Department
April 2009*

Germany

Asklepios Orthopedic Hospital Lindenlohe saves 50,000 € with the OrthoPAT[®] system

Challenge

Asklepios Orthopedic Hospital Lindenlohe in Germany wished to reduce the amount of transfused homologous blood units, to eliminate preoperative autologous blood donation and to avoid postoperative retransfusion of non-washed blood, thereby reducing complications related to transfusions of homologous blood units and minimizing associated costs. They also sought improvement to the quality of their autotransfusion practice that would meet the current standard and be flexible enough for use with a variety of orthopedic procedures.

Solution

Haemonetics performed a Strengths-Weakness-Opportunities-Threats (SWOT) analysis and introduced the OrthoPAT[®] Orthopedic Perioperative Autotransfusion System and the Cell Saver[®] 5+ Autologous Blood Recovery System into the hospital's blood management system. This solution allowed surgeons to give their patients thoroughly washed, high-quality autologous blood and the best chance for recovering without complications.

Results

Since 2004, the hospital has reported the following positive results:

- 1000% increase in cell salvage (from 46 to 576 patients per year)
- Only 4% increase of homologous blood transfusions despite 60% increase in number of orthopedic procedures
- Reduction in length of stay by approximately 8 days
- Savings estimated at of 14,400 € in 2008, with total savings of 50,000 € from 2005–2008



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