



Healthcare Organization Commitment

Contact Details

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Position

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Organization Name

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Commitment Details

How many hospitals are represented in this commitment?

Last Report	Current
100	100

Action Plan

The motivation for implementing Patient Blood Management is based on the finding of anemia, especially in the operative setting, representing a risk factor for increased odds of

in-hospital mortality as well as additional complications. All too frequently, patients already have insufficient blood volume when presenting for surgery. During hospitalization, intra- and postoperative blood losses as well as diagnostic blood losses from phlebotomy can further impair patient's own blood volume. Commonly, and in many cases without considering alternatives, treatment is primarily realized based on transfusing allogenic red blood cells. Providing an optimal preoperative preparation as well as reducing blood losses during hospitalization are two prime goals of Patient Blood Management. Prior to surgery, patients are checked for anemia. In many cases anemia is caused by empty iron stores that impair a sufficient blood formation. If so, blood production can be amplified via iron supplementation, allowing patients to increase their blood volume by own efforts. Additional care is taken so that blood sparing techniques are used intra- as well as postoperatively. For instance, coagulation is optimized, and blood lost during surgery is salvaged, washed and retransfused. Whenever possible, smaller blood collection tubes are used to reduce the volume of phlebotomy related blood losses. Owing to technical advances, in many situations smaller blood collection tubes can be used to reduce phlebotomy related blood losses without impairing the quality of diagnostics. Consequently, blood remains where it is needed: Within the patient's body! These measurements not only allow for a better patient recovery they also help to reduce the application of allogenic RBC and thereby to spare this valuable resource. If indicated Patient Blood Management supports the rational use of allogenic RBC. The number of PBM initiatives is growing worldwide. In Germany, PBM was initially implemented at the University Hospitals Frankfurt, Bonn, Kiel and Muenster. With the initiation of the German PBM Network many additional hospitals were inspired to likewise implement PBM. Currently, Patient Blood Management is evolving to a major quality indicator in German hospitals. The European and World PBM networks were founded to foster the implementation of Patient Blood Management on a global scale. Since 2011 the World Health Organization urges its member states to support the implementation of PBM. <https://www.patientbloodmanagement.de/en/medical-rationale/> <https://www.patientbloodmanagement.de/en/pbm-bundles/>

Commitment Update

In 2017 the World PBM Network has been founded at the Summit. Since then one larger US Hospital chain and several European Hospitals have joined the PBM Network. These Hospitals share data and Knowledge to improve Patient Safety!

Other

Challenge 5 - Patient blood management

Please describe any best practices your organization has learned through your commitment and share valuable lessons or challenges that were overcome

Because the PBM program is shared across countries, more knowledge is collected to improve Patient Safety!

Impact Details

Initial Commitment	Commitment Update	Project Next Year
Lives Lost 375000	Lives Lost 10000	Lives Lost 9000
Lives Spared Harm Target 37500	Actual Lives Spared Harm in last 12 months 10000	Lives Spared Harm Target for following calendar year
Lives Saved Target 3750	Actual Lives Saved in last 12 months (might differ from initial target) 1000	Projected Target of Lives Saved for following calendar to try to finish commitment
	New Lives Lost (lives lost – actual lives saved) 9000	

Acknowledgement

Yes, I acknowledge that this commitment may be used for external communication and publicly announced at the World Patient Safety, Science & Technology Summit. Furthermore, I agree that this commitment may appear on the website of The Patient Safety Movement Foundation or the Masimo Foundation. I also give permission for my commitment to be used in support of the promotion of the World Patient Safety, Science & Technology Summit as well as The Patient Safety Movement initiative.