

NORWEGIAN BLOOD BANK STRUCTURE

All hospitals in Norway have their own blood bank.

Inventory of blood components differ based on local policies.

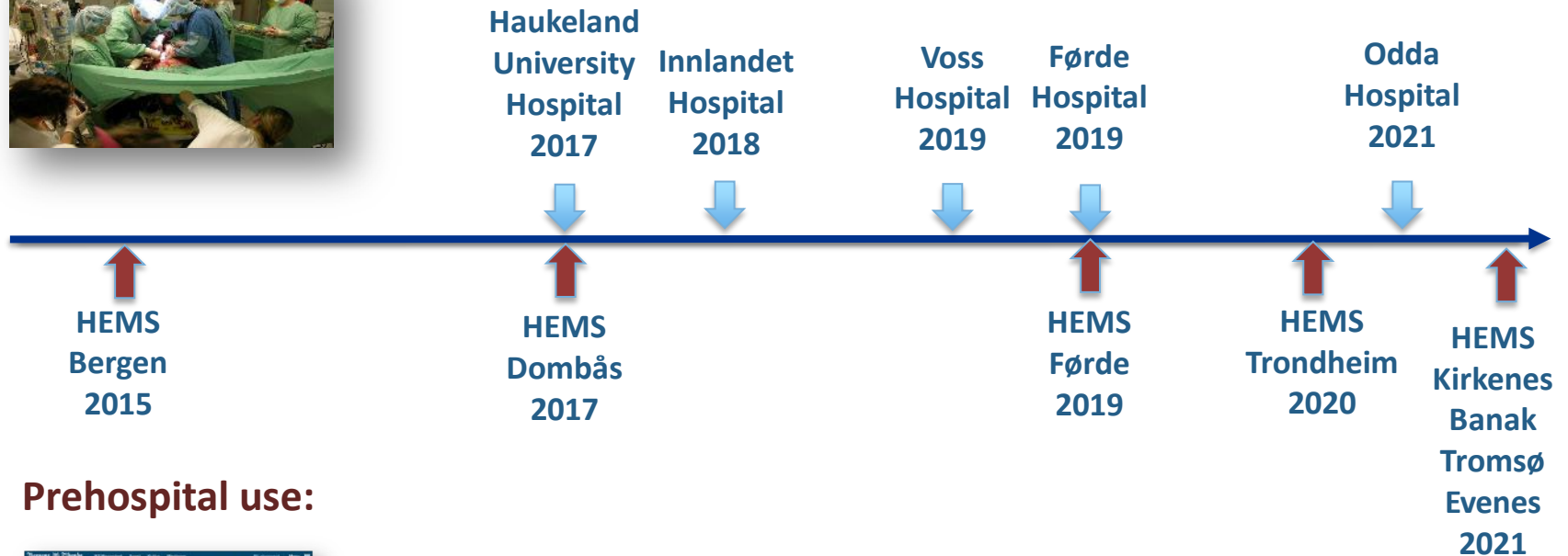
The Norwegian Blood Banks are:

- Hospital-based
- Activities include blood collection, component production and storage, in-hospital immunohematology and transfusion services



IMPLEMENTATION OF LTOWB IN NORWAY

In hospital use:



Prehospital use:






WHOLE BLOOD IN PREPAREDNESS PLANNING

DOI: 10.1111/trf.16057

HOW DO I?

TRANSFUSION

How do I implement a whole blood–based blood preparedness program in a small rural hospital?

Torunn O. Apelseeth^{1,2}  | Geir Strandenes^{1,2}  | Einar K. Kristoffersen^{1,3} |
Kristin G. Hagen¹ | Hanne Braathen^{1,3}  | Tor Hervig^{1,3,4}

Whole blood can be stored longer than platelet concentrates, which makes it an excellent solution in hospitals unable to maintain a sufficient inventory of platelet concentrates.

Ref. Apelseeth et al. How Do I implement a whole blood based blood preparedness program in a small rural hospital. Transfusion 2020; 60:2793-2800

Emergency whole blood collection is also an important part of our contingency here in Bergen. Haukeland University Hospital is the Level 1 Trauma center for the Western part of Norway.



Example of activation of emergency whole blood collection:

Trauma patient

High demand for blood. Whole blood and platelet inventory depleted.

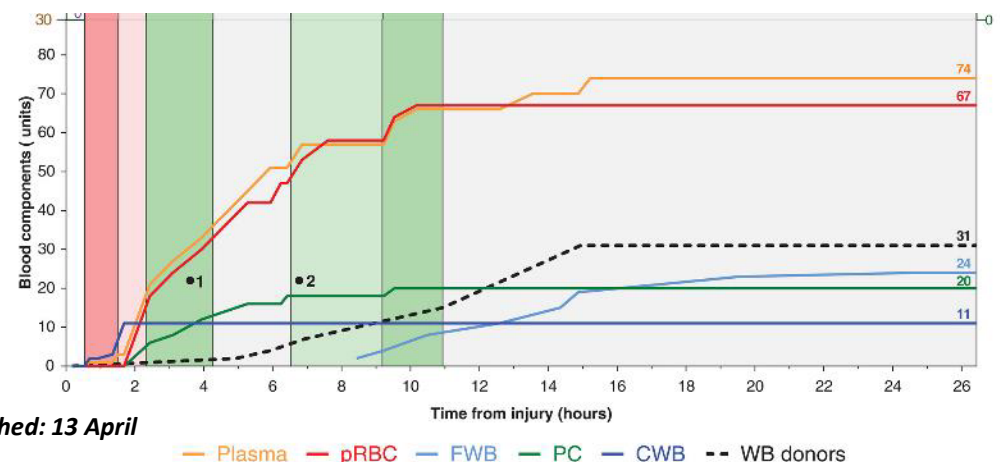
Emergency collection of whole blood and apheresis platelet collections initiated with success.

Patient received 11 cold stored and 24 fresh whole blood units.

SUPPLEMENT ARTICLE

How do I get an emergency civilian walking blood bank running?

Silje Helland Kaada,¹ Torunn Oveland Apelseth,^{1,2} Kristin Gjerde Hagen,¹ Einar Klæboe Kristoffersen,^{1,3} Stig Gjerde,⁴ Kristian Sønstad,⁴ Henrik Halvorsen,⁵ Tor Hervig,^{1,3} Geir Arne Sunde,⁴ Geir Olav Dahle,⁴ Mari Christine Johnsen,⁴ and Geir Strandenes^{1,6}



WALKING BLOOD BANKS

Emergency collection of whole blood from prescreened and pretested low titer group O blood donors.

Whole Blood is collected on site or as part of a hospital-based blood preparedness plan and transfused immediately.

Used in military, oil industry, municipal health care (pilot)

