



INCLUSION OF ADDITIONAL STORAGE ITEMS FOR BLOOD AND BLOOD PRODUCTS

LIST OF ISSUE PAPERS

Secretariat Issue Paper #16

Focal Points

Secretariat

SUMMARY OF PROPOSAL

A cooling box for blood and blood products at the point of emergency surgical interventions will enhance the medical care provided to peacekeeping troops, enhance the moral of the deployed troops by ensuring proper emergency surgical service as well as enhance the rate of survival of severely wounded soldiers.

Due to the more and more robust and challenging mandates in UN missions it seems reasonable to also have Blood and Blood Products on a “more forward level” available, in particular at the light mobile surgical module and the forward surgical module.

Therefore, an electronically driven storage box including a temperature logger will be needed in each module to keep the blood correctly stored between 2 and 8 degrees Celsius for 48 hours. Blood products must be transported and stored in a **reliable portable electronically driven blood storage box**, capable of recording temperature and equipped with an alarm (built-in audible and visual or external), at a minimum in order to keep and ensure the quality of blood and blood products for at least 48 hours at a temperature of 2°C to 6°C. Storage temperature must be checked twice a day by medical personnel, and temperature readings must be recorded in a log. Ability to pack blood properly in a portable refrigerator should be considered to avoid contamination and wastage. This is to ensure the quality and safety of blood and blood products to be used during deployment. As an example, some equipment pictures are illustrated below:

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- Still under discussion
 - Agreed by the sub-working group on 19/01/2023
 - AGREED BY WORKING GROUP ON 20/01/2023**

LAST CHANGED 20 JAN 2023 AT 11 AM



PROPOSED TEXT FOR 2023 COE WG REPORT

Due to challenging mandates in UN missions the requirement is to have Blood and Blood Products on a “more forward level” available, in particular at the light mobile surgical module and the forward surgical module.

A cooling box for blood and blood products at the point of emergency surgical interventions will enhance the medical care provided to peacekeeping troops, enhance the moral of the deployed troops by ensuring proper

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emergency surgical service as well as enhance the rate of survival of severely wounded soldiers. An electronically driven storage box including a temperature logger will be needed in each module to keep the blood correctly stored between 2 and 8 degrees Celsius for 48 hours. Blood products must be transported and stored in a **reliable portable electronically driven blood storage box**, capable of recording temperature and equipped with an alarm (built-in audible and visual or external), at a minimum in order to keep and ensure the quality of blood and blood products for at least 48 hours at a temperature of 2°C to 6°C. Storage temperature must be checked twice a day by medical personnel, and temperature readings must be recorded in a log. Ability to pack blood properly in a portable refrigerator should be considered to avoid contamination and wastage. This is to ensure the quality and safety of blood and blood products to be used during deployment.

PROPOSED TEXT FOR 2023 COE MANUAL

1. Light Mobile Surgical Module, Chapter 3, Annex C, Appendix 7.1, Page 104

Amend COE Manual, Chapter 3, Annex C, Appendix 7.1, Page 104, under Light Mobile Surgical Module, Section A - Resuscitation area to add: **Portable electronically driven blood storage cooling box^{f-9} (Quantity 1, GFMV \$750)**

- Add footnote (f) in COE Manual, Chapter 3, Annex C, Appendix 7.1, Page 107: effective date 01 January 2024

- Add footnote (g) in COE Manual, Chapter 3, Annex C, Appendix 7.1, Page 107: able to hold temperature 2°C to 6°C (36°F to 43°F) in any, even austere environment for minimum 48 hours

2. Forward Surgery Module, Chapter 3, Annex C, Appendix 11, Page 113

Amend COE Manual, Chapter 3, Annex C, Appendix 11, Page 113, under Forward Surgery Module to add: **Portable electronically driven blood storage cooling box²⁻³ (Quantity 1, GFMV \$750)**

- Add footnote (2) in COE Manual, Chapter 3, Annex C, Appendix 11, Page 113: effective date 01 January 2024

- Add footnote (3) in COE Manual, Chapter 3, Annex C, Appendix 11, Page 113: able to hold temperature 2°C to 6°C (36°F to 43°F) in any, even austere environment for minimum 48 hours

Still under discussion

Agreed by the sub-working group on 19/01/2023

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