

Packaging of blood units for transportation to hospital - previous method

- Foam boxes for transporting blood to hospitals are specially made to ensure maintenance of the content at the optimal ambient temperature during the delivery;
- Temperature-controlled trucks are used to doubly ensure maintenance of the transported blood units at the optimal ambient temperature;
- After returned from hospitals, every foam box and coolant is cleaned thoroughly each time before use;
- The method of packaging has been fully validated prior to implementation

血液包裝－以往方法

- 送血箱為專用血箱，目的是保證血液於合適溫度中運送到醫院；
- 為確保溫度,運送血液專車均有恆溫設備；
- 所有送血箱和冷凍包每次從醫院回收後都會於使用前徹底清潔；
- 血液包裹方法在實施前已充分驗證。

Place coolants in the bottom
冷凍包放於最底層



Lay the blood units on top
冷凍包上放血液包



Place more coolants on top of the blood
units

冷凍包放於最上層



Cover the box with a lid

蓋緊送血箱



Packaging of blood units for transportation to hospital – new improved method

- After returned from hospitals, every foam box and coolant is cleaned and disinfected thoroughly each time before use;
- All the coolants are wrapped in new plastic bag before putting into the foam box.
- All the blood units are also wrapped in a separate new plastic bag before putting into the foam box.
- By using separate plastic bags, the risk of blood units exposing to condensate forming on the coolants during transportation can be prevented.

血液包裝－新改良方法

- 所有送血箱和冰凍包每次從醫院回收後都會於使用前徹底清潔和消毒
- 冷凍包會先用全新透明塑膠袋包裹才放進送血箱內
- 所有血液亦會用另外一個全新透明塑膠袋包裹才放進送血箱內
- 因冷凍包和血液分別用塑膠袋包裹，便可防止於冷凍包表面形成的冷凝水接觸血液包

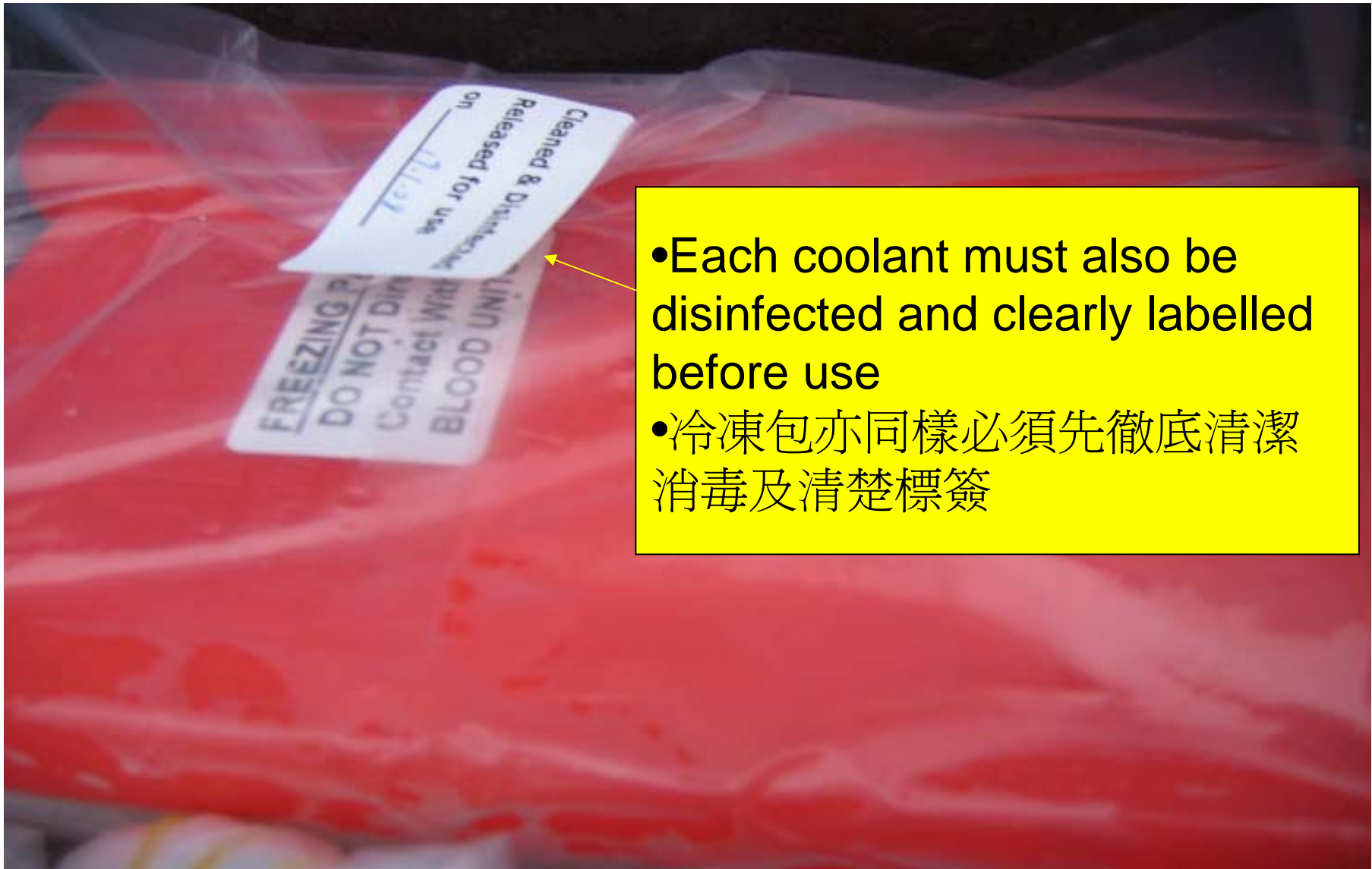
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運送人員不

- Each foam box must be disinfected and clearly labelled before use

- 使用前，每個送血箱 必須先徹底清潔消毒及清楚標籤

Cleaned & Disinfected
Released for use
on 17 JAN 2000



- Each coolant must also be disinfected and clearly labelled before use
- 冷凍包亦同樣必須先徹底清潔消毒及清楚標籤



- coolants are wrapped in new plastic bag before putting into the foam box
- 冷凍包會先用全新透明塑膠袋包裹才放進送血箱內



- All the blood units are also wrapped in a separate new plastic bag before putting into the foam box

- 所有血液亦會用另外一個全新透明塑膠袋包裹才放進送血箱內





- By using separate plastic bags, the risk of blood units exposing to condensate forming on the coolants during transportation can be prevented

- 因冷凍包和血液分別用塑膠袋包裹，便可防止於冷凍包表面形成的冷凝水接觸血液包



Temperature-controlled trucks are used to doubly ensure maintenance of the transported blood units at the optimal ambient temperature
爲確保溫度,運送血液專車均有恆溫設備



Monitoring of temperature & humidity in the refrigerated compartment



Temperature validation of the new improved method (2 - 10 °C)

新包裝方法 的恆溫確認 (2 - 10 °C)

