



STEM CELL LABORATORY (STCL)



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Thawing Job Aid JA1

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STCL-SOP-028 JA1 Thawing Job Aid

Guidelines for the infusion of thawed cells for Adult and Pediatric patients

Patient Weight (kg)	DMSO (mL)	Incompatible RBCs (mL)	Volume Diluent (mL)	Product Volume (mL)	Volume Rinse Bag (mL)	Maximum Pt Volume (mL)
< 10 kg	< 10 mL	< 20 mL	< 10 mL	30 mL	20 mL	50 mL
10 - 20 kg	10 – 20 mL	20 – 40 mL	10 mL	50 mL	20 mL	70 mL
20 - 30 kg	20 – 30 mL	40 – 60 mL	20 mL	75 mL	30 mL	105 mL
30 - 40 kg	30 – 40 mL	60 – 80 mL	30 mL	85 – 100 mL	40 mL	125 – 140 mL
> 40 kg	40 mL	≤ 80 mL	40 mL	85 – 120 mL	50 mL	134 – 170 mL

Below are the recommended doses and volumes for thawed cellular therapy products; the final determination will be made by the physician based on medical need. (NOTE: These same recommendations may also be used, when applicable, for fresh cellular therapy products being administered).

- *DMSO dose should not exceed 1mL/kg/24 hours per Circular of Information for the Use of Cellular Therapy Products
- **Volume infused should not exceed 20mL/kg over 4 hours.
- Incompatible red cells dose should not exceed two (2) mLs per kg of recipient's weight.

Signature Manifest**Document Number:** STCL-SOP-028 JA1**Revision:** 05**Title:** Thawing Job Aid JA1

All dates and times are in Eastern Time.

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