



Limbo

*Democratization of cryopreserved
Cell Therapy*

Cellulis

“Whilst an empirical approach can provide an acceptable level of recovery, the cryopreservation process can only be optimized by adopting a methodological approach”

C. Hunt *et al.* CryoLetters 27(2), 73-85 (2006)

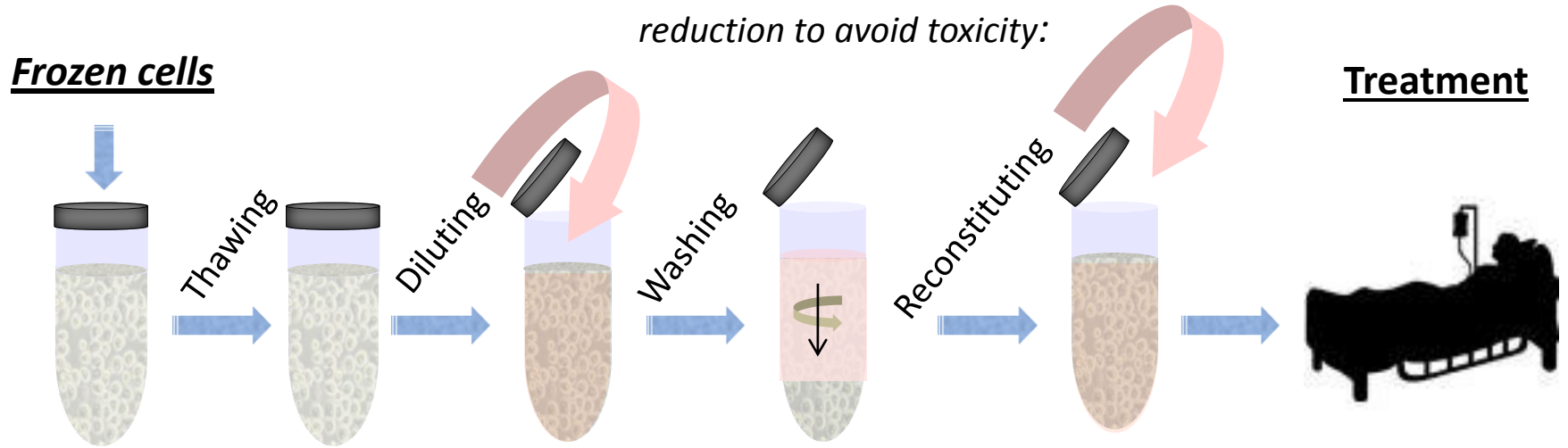
“Optimising cryopreservation protocols for haematopoietic progenitor cells:
a methodological approach for umbilical cord blood”

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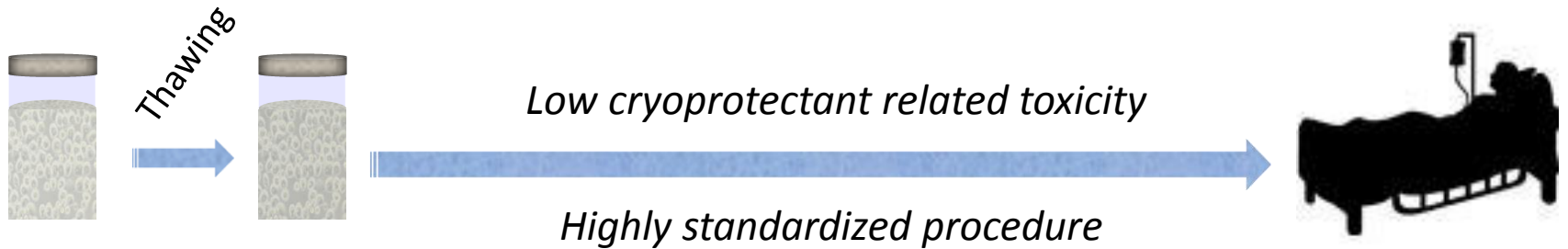
*Democratization of cell therapy treatments
through standardization of cryopreservation processes*

CURRENT PRACTICE:

Frozen cells



Limbo APPROACH:



Limbo *advantages at the point of care:*

- ***Standardization of thawing practices***
- ***Delivery of a final product formulation***
- ***Risk-free cell product contamination***
- ***Low cryoprotectant related toxicity***
- ***No need for washing the cells after thawing***
- ***Costs reductions on equipment and technicians***
- ***Democratization of cryopreserved cell therapy***

Limbo *technical advantages:*

- **Standardization of freezing/thawing processes**
- **Homogeneous cell freezing and thawing**
- **Elimination of cellular osmotic shock**
- **Excellent post-thawing viability rates**