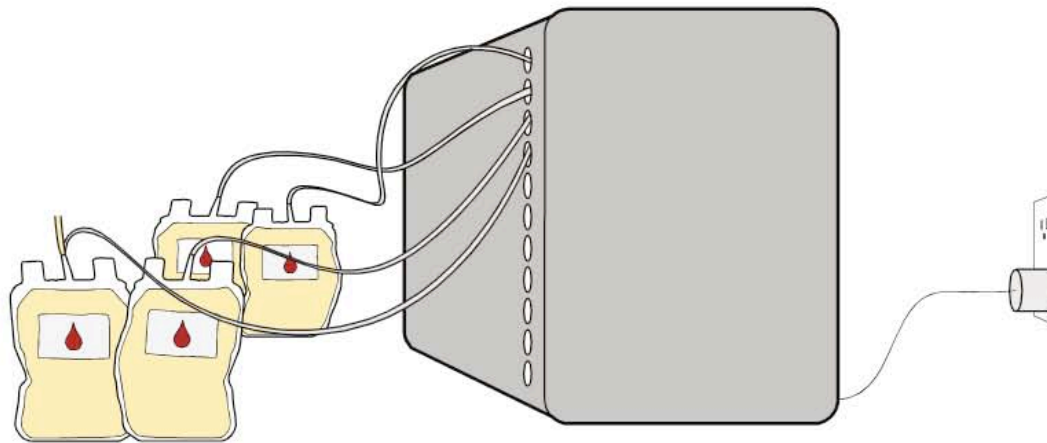
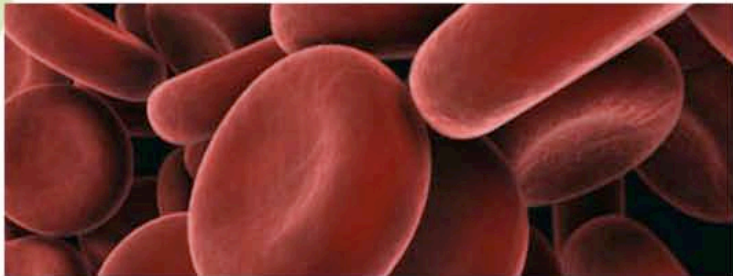


Blood Plasma Freeze Dryer



Green B

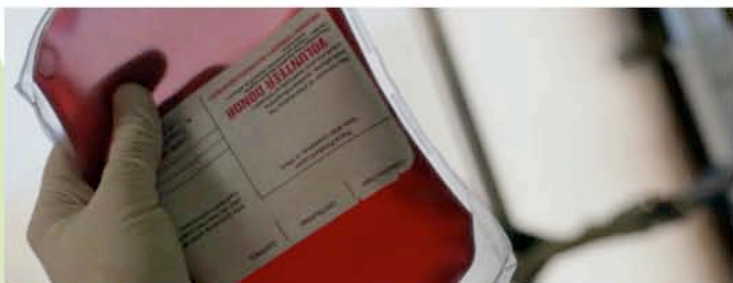
Blood is a valuable resource



Saves Lives

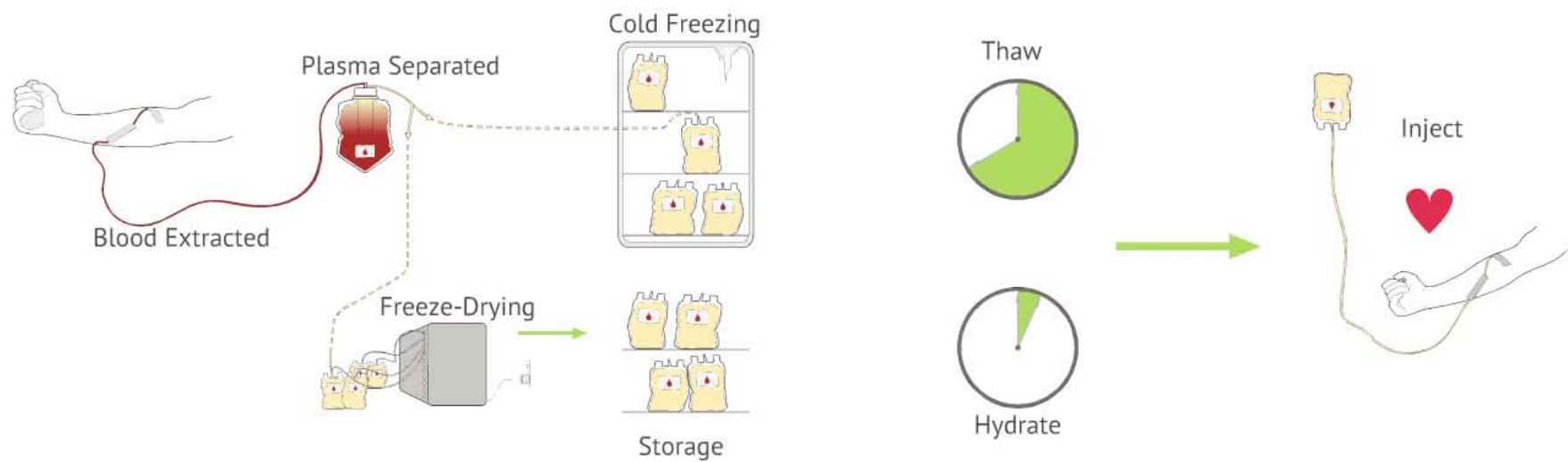


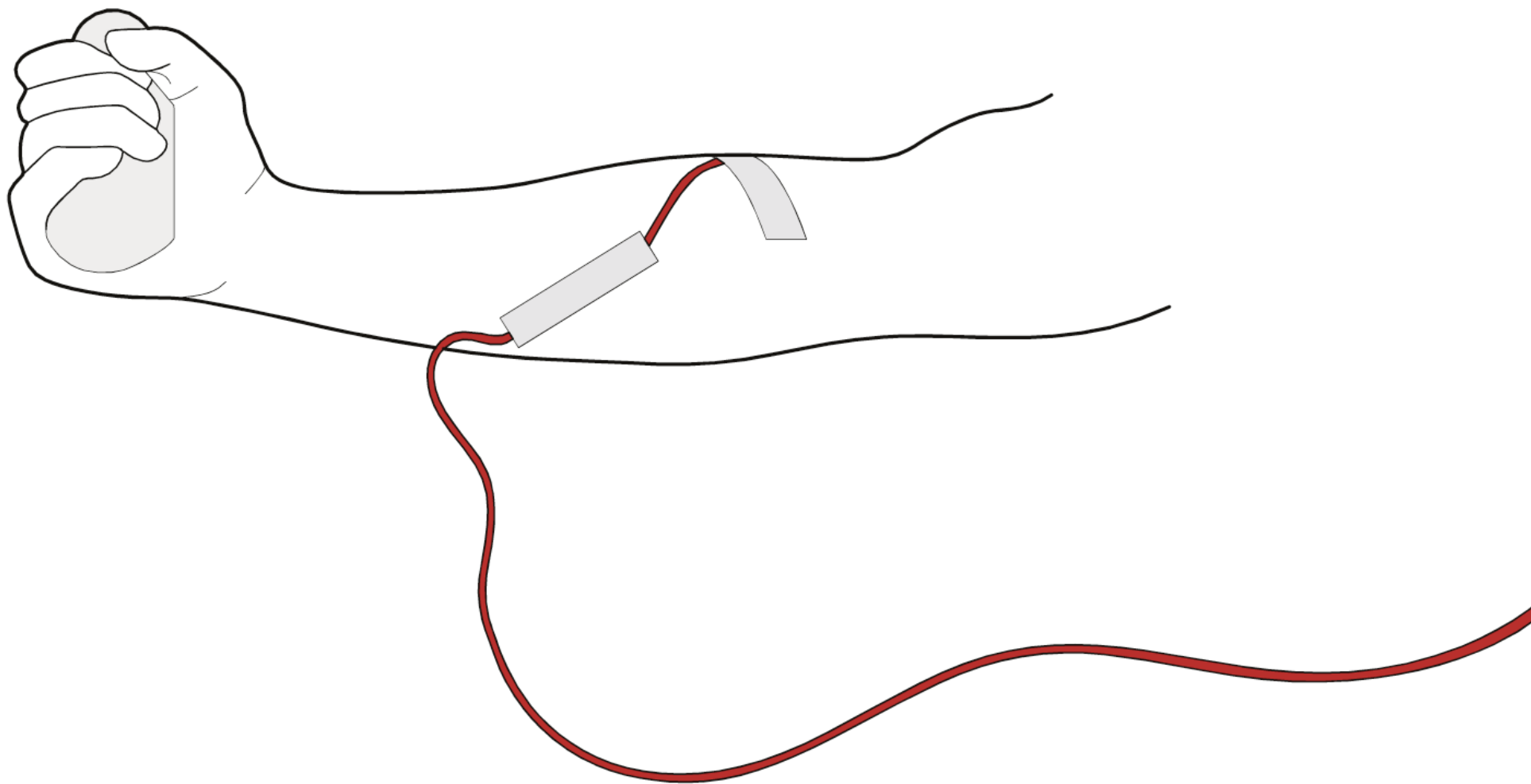
Integral Component of Health System



Transfusions High in Blood Plasma Reduce Mortality

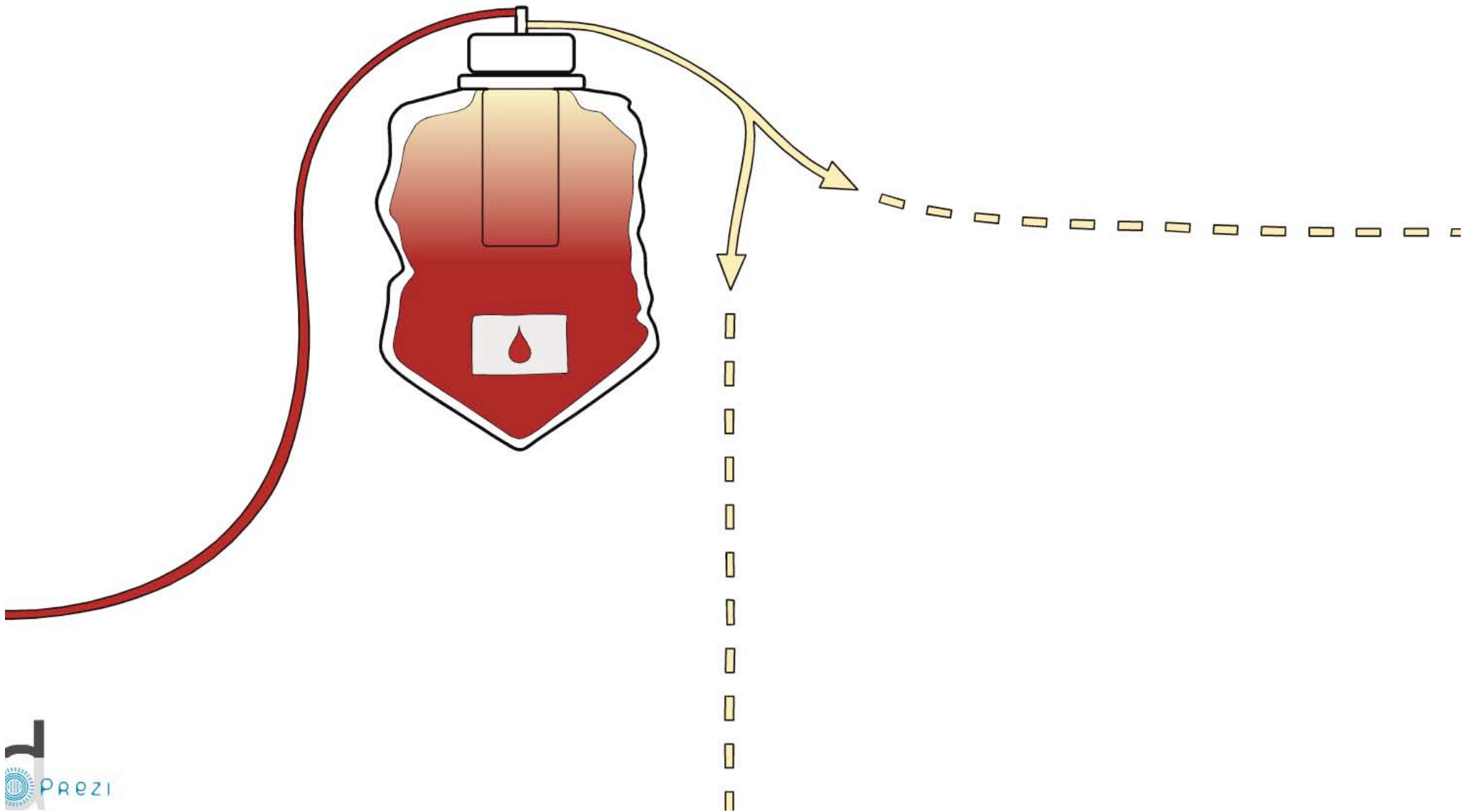
Freeze Drying Eliminates the Cold Chain



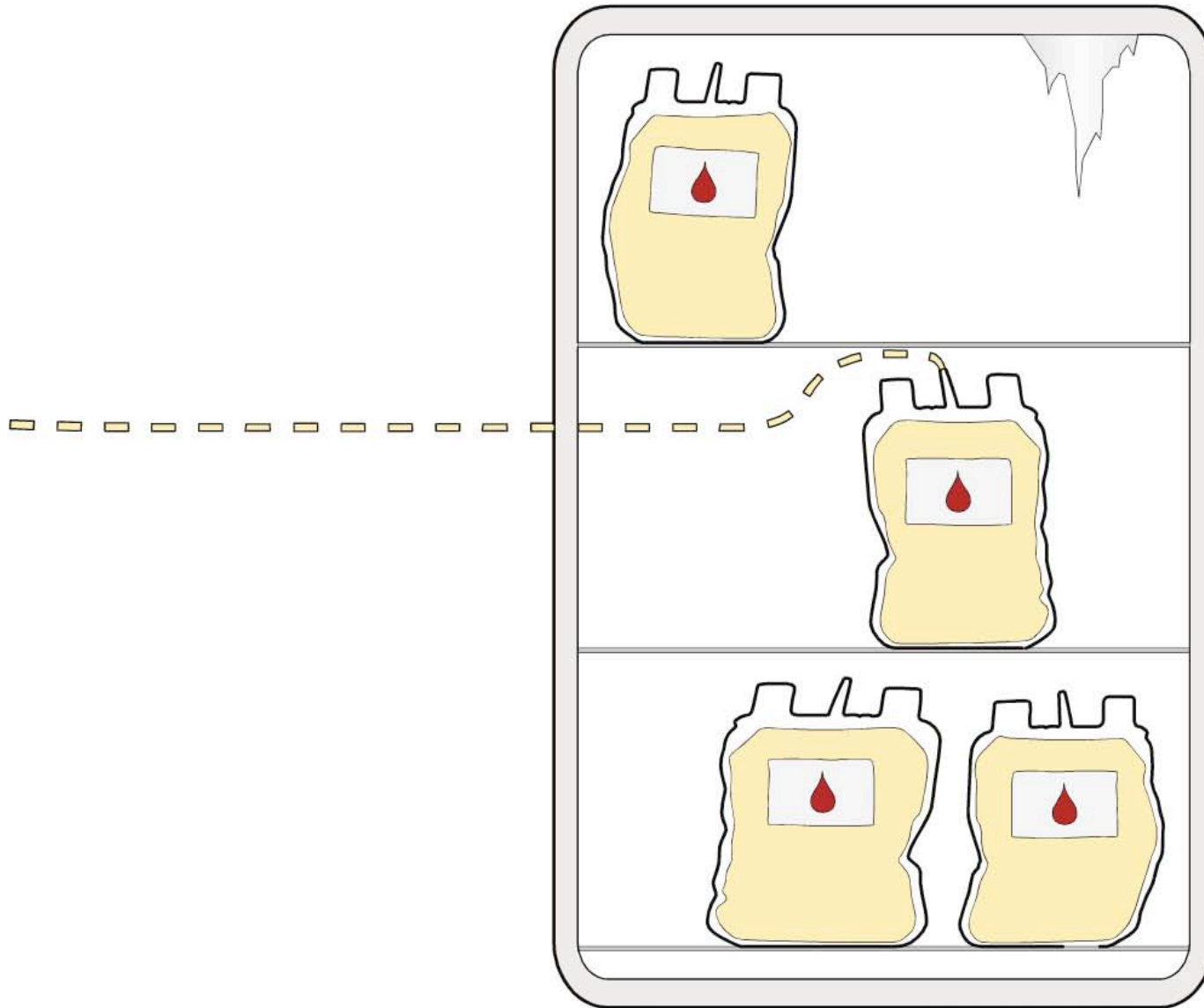


Blood Extracted

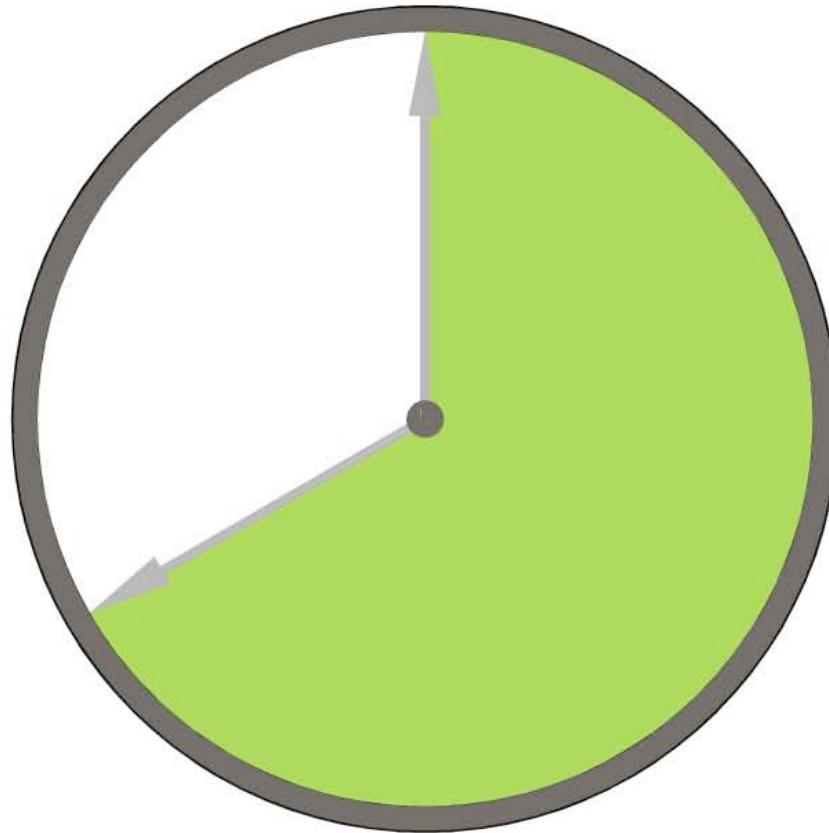
Plasma Separated



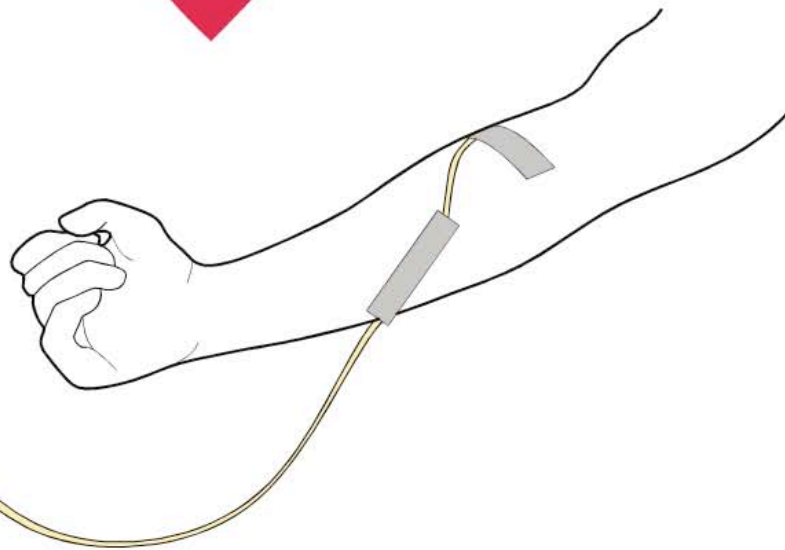
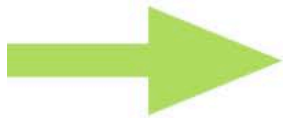
Cold Freezing



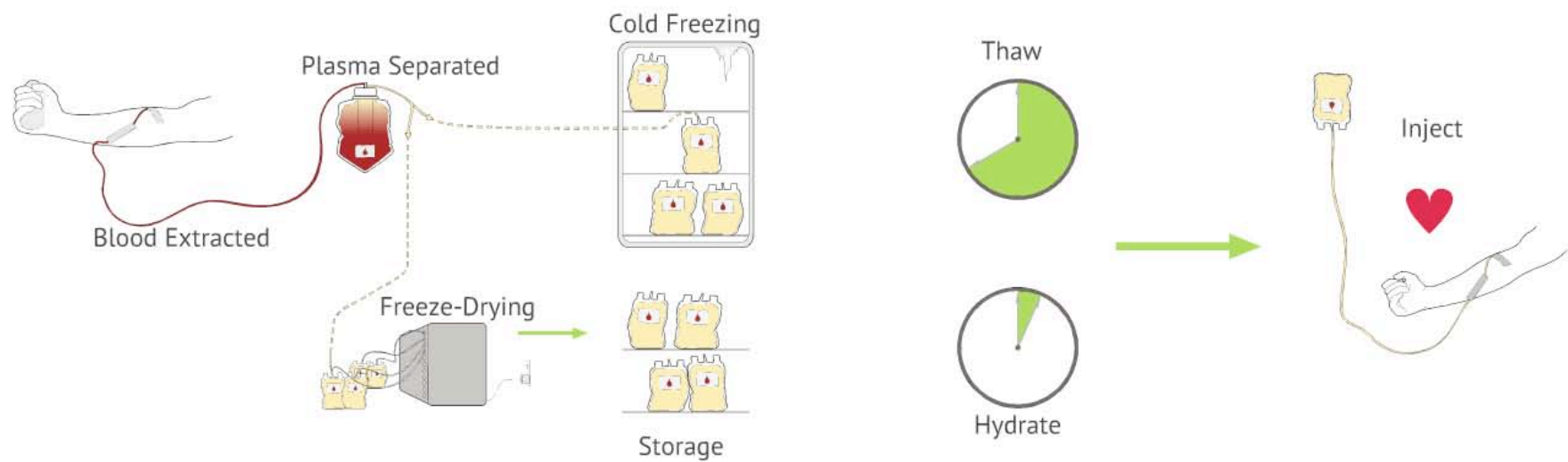
Thaw

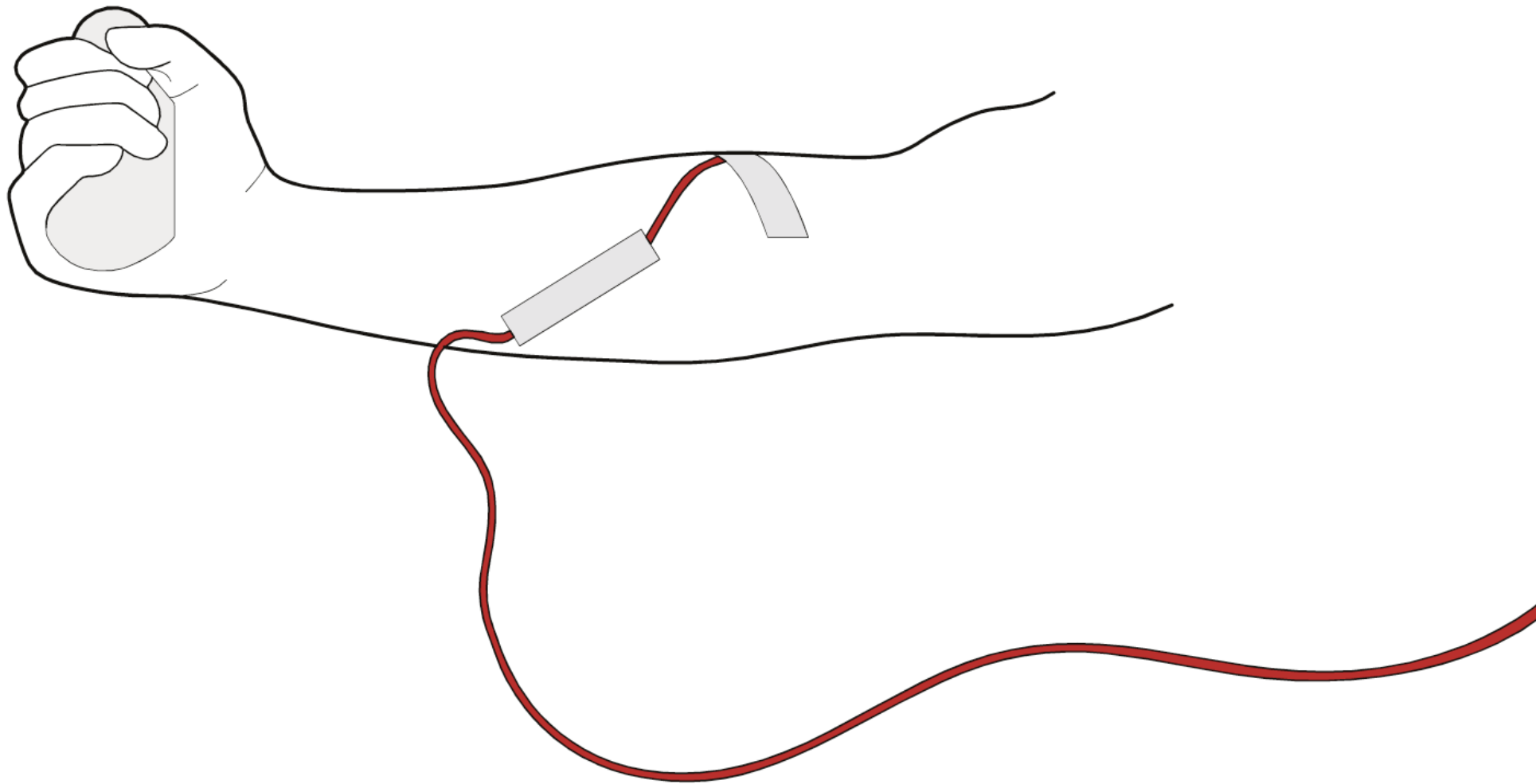


Inject



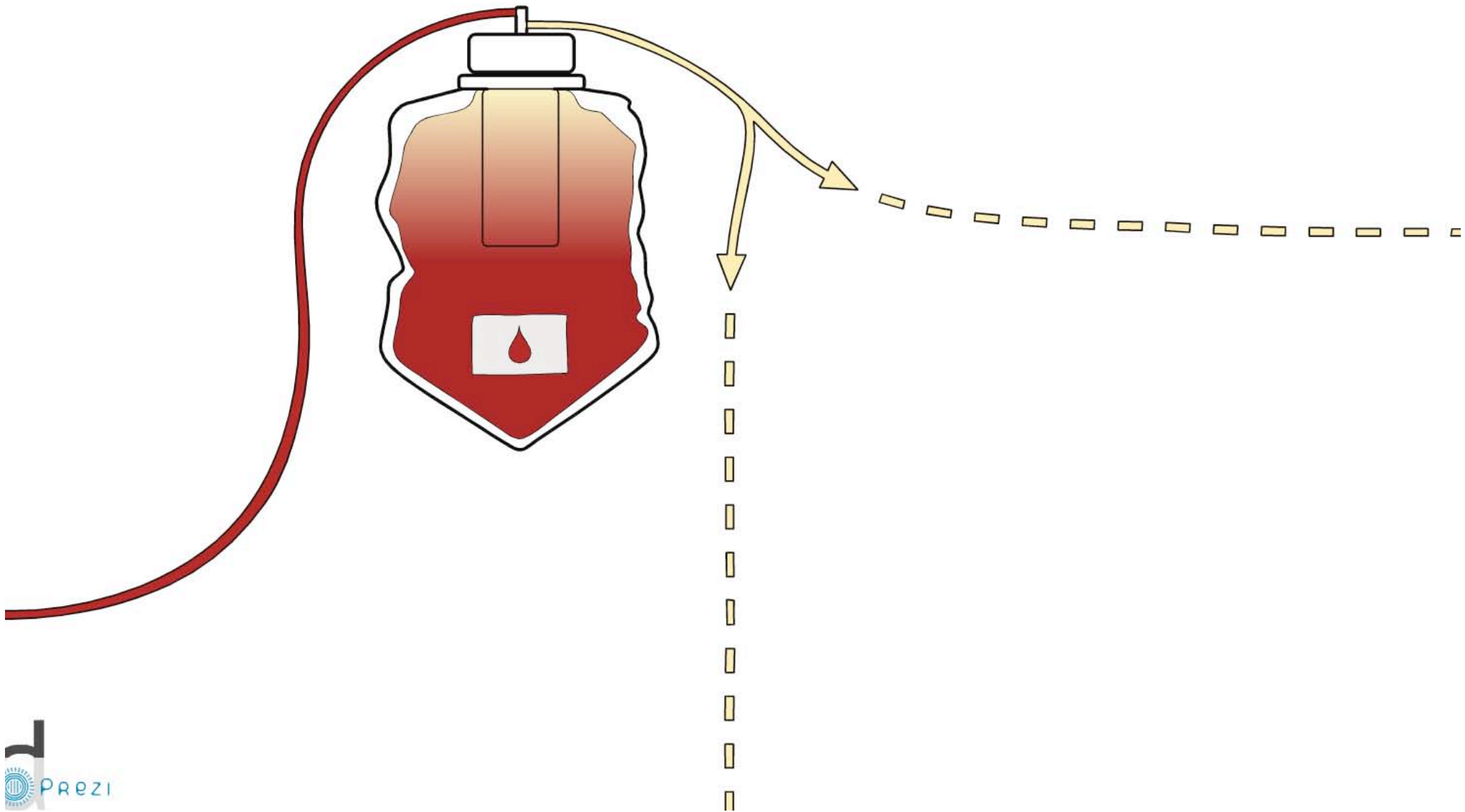
Freeze Drying Eliminates the Cold Chain



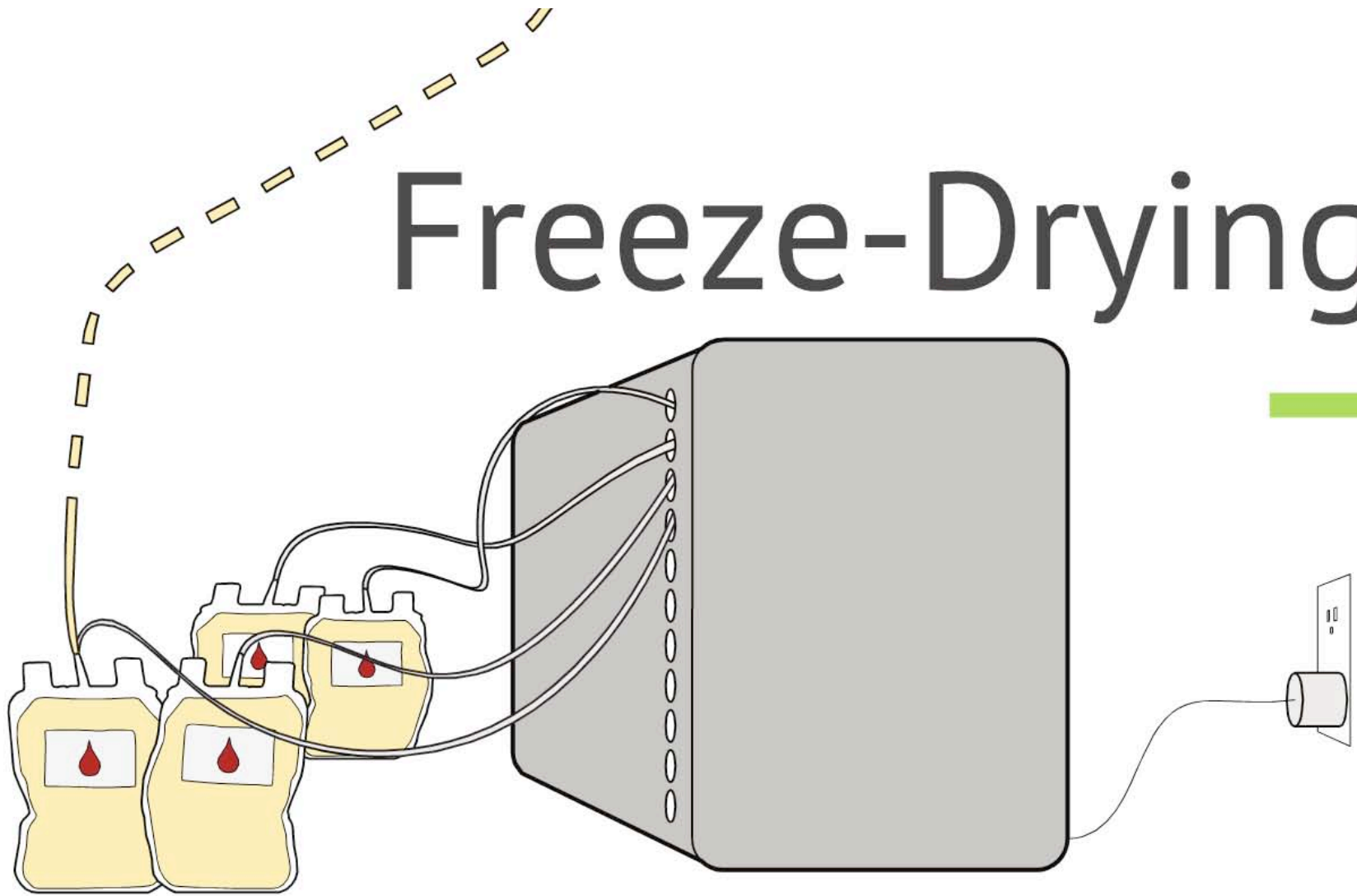


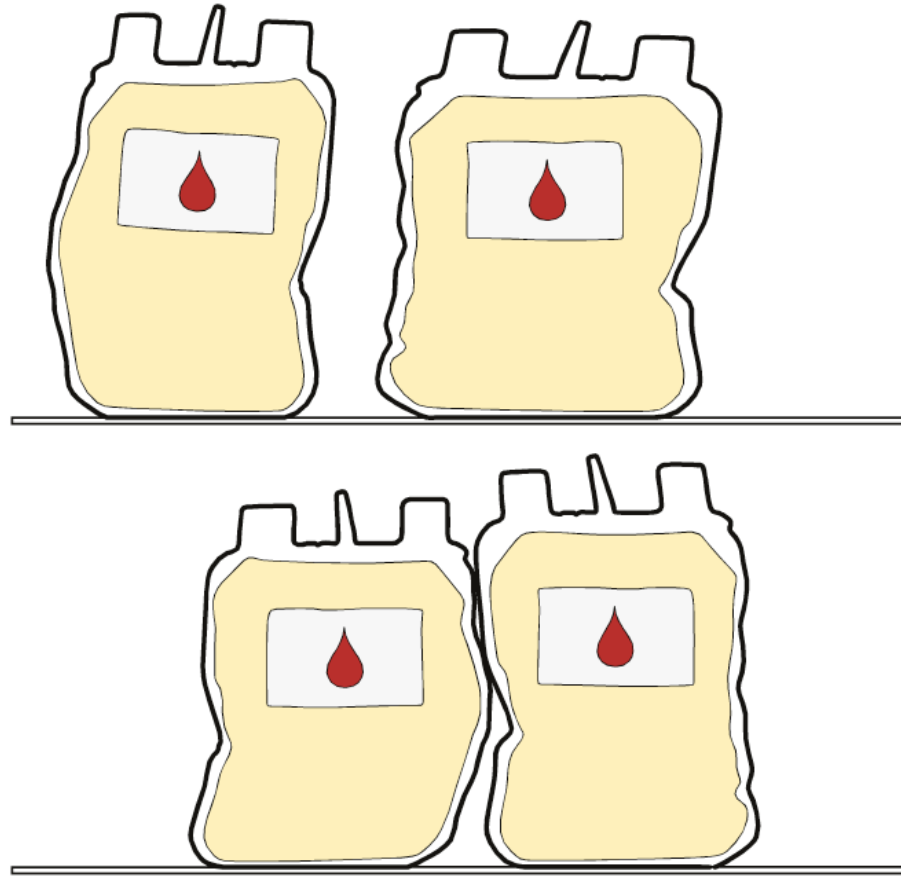
Blood Extracted

Plasma Separated



Freeze-Drying



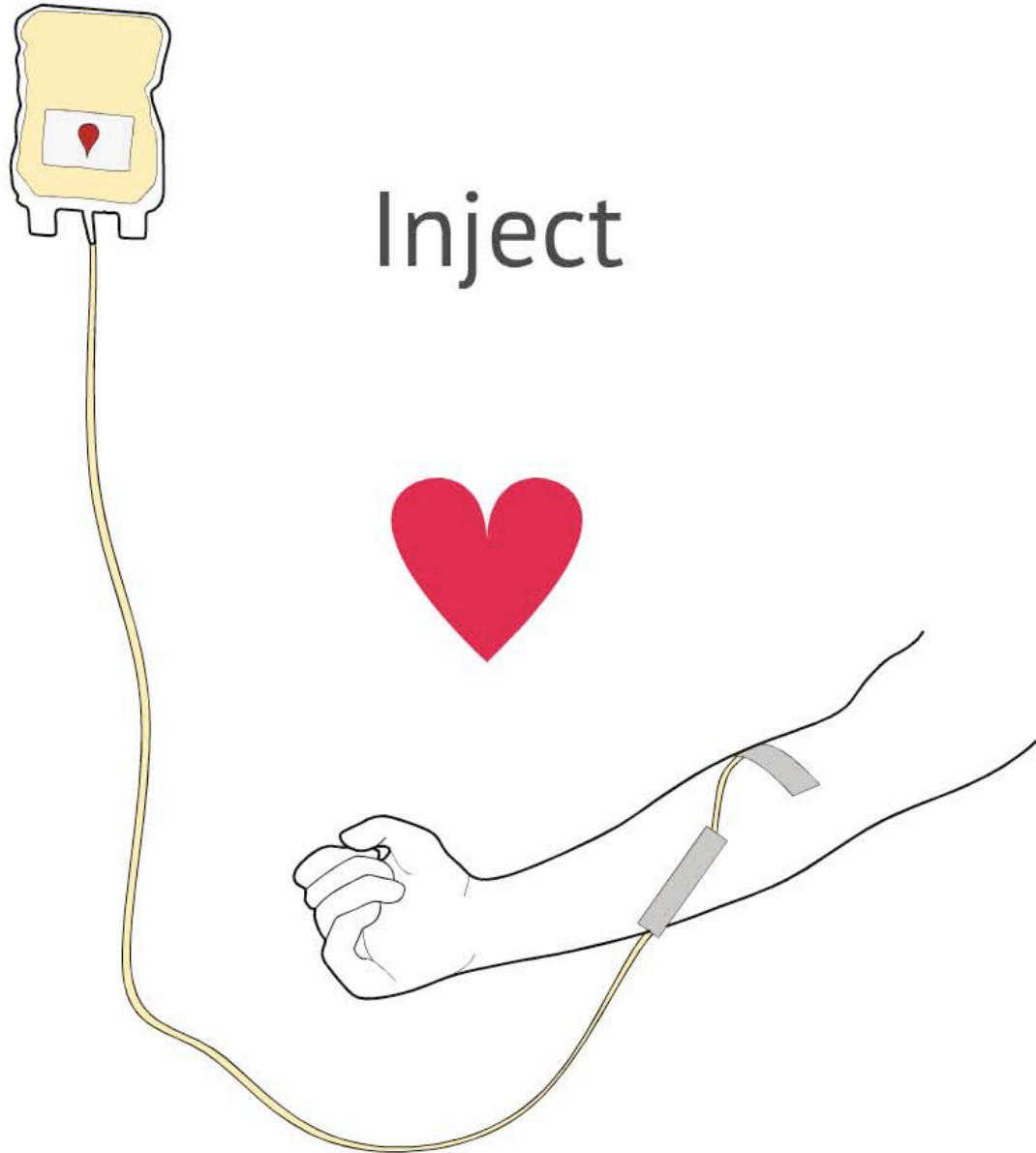
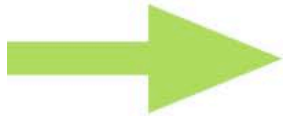


Storage

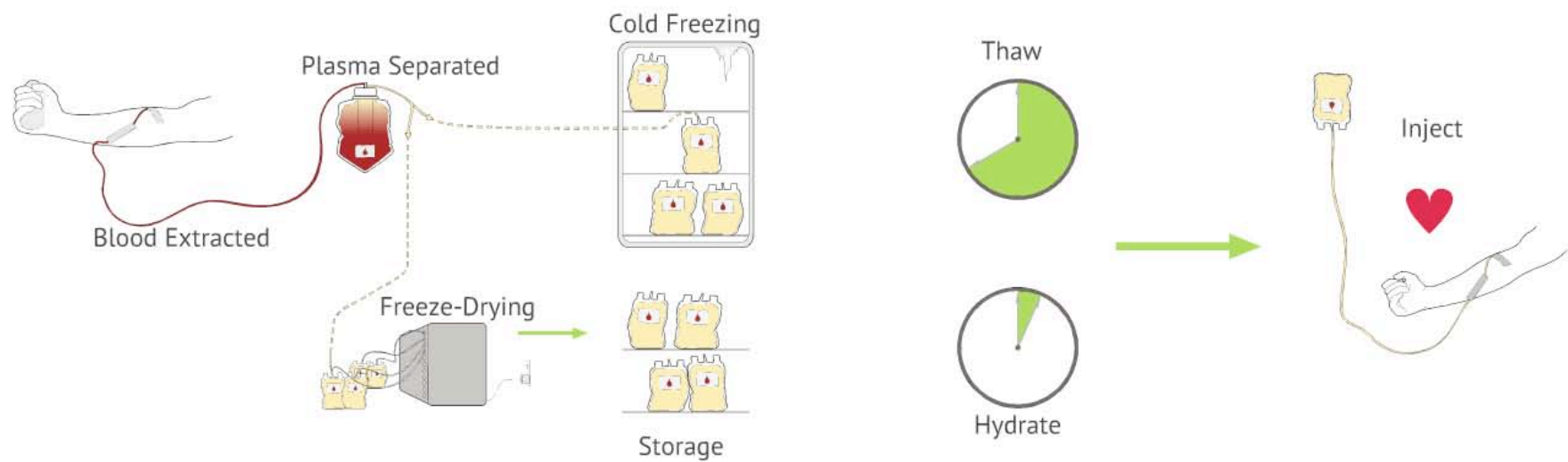


Hydrate

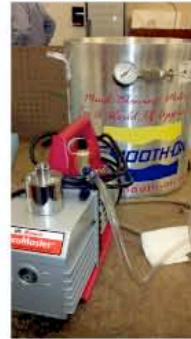
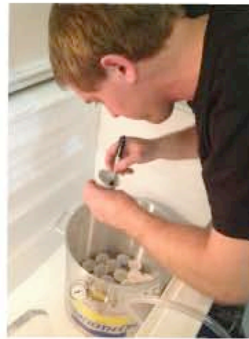
Inject



Freeze Drying Eliminates the Cold Chain



Control of Sublimation is Key



Freeze

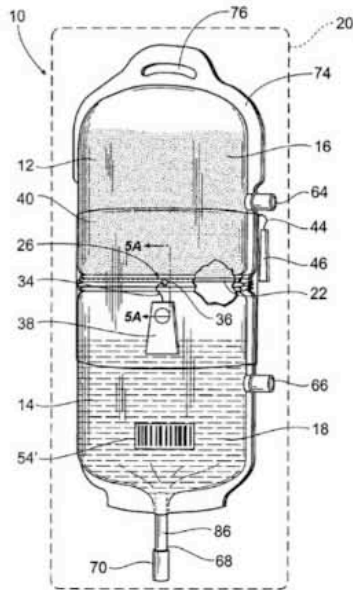
Vacuum

Sublimate





No Other Products Freeze Dry Blood Plasma



Patent on Freeze
Drying Container

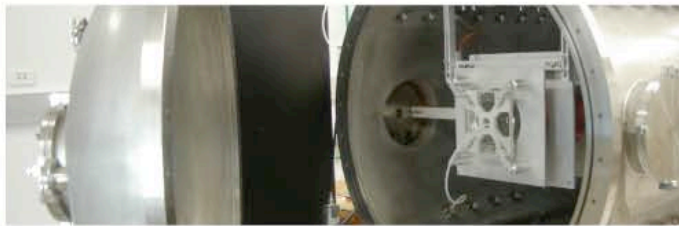


Kirsh Blood
Plasma Freezer



Domestic Blood
Plasma Freezer

Controlling Sublimation Process is a Linger Question



Strong Vacuum



Additional Energy to
Sublime



Why Not Evaporate?