World Courier
AmerisourceBergen

Connecting Cell and Gene Therapies to Patients

Regenerative Medicine UK: Sweden – London delegation

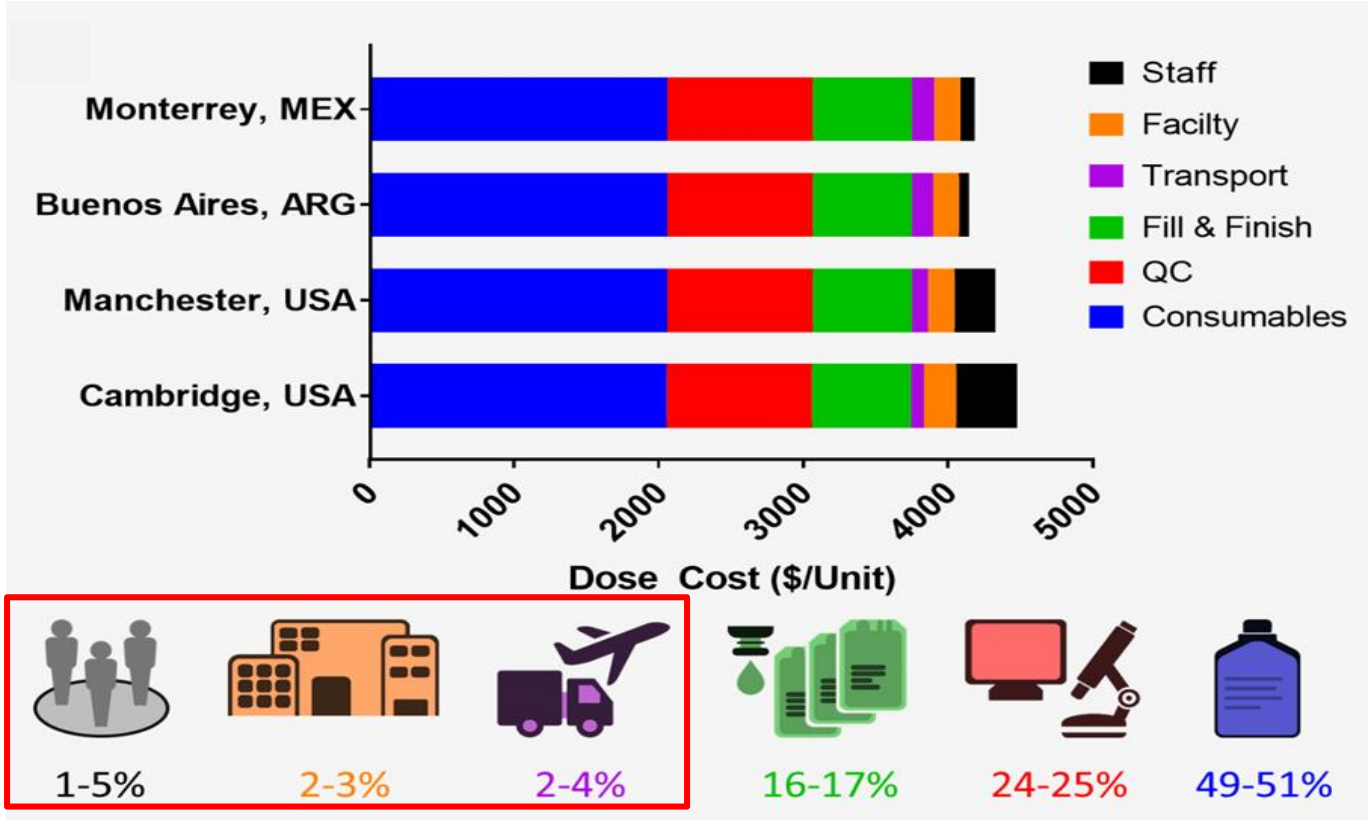
Simon Ellison

13th May 2019

AmerisourceBergen

How significant is the cost of logistics?

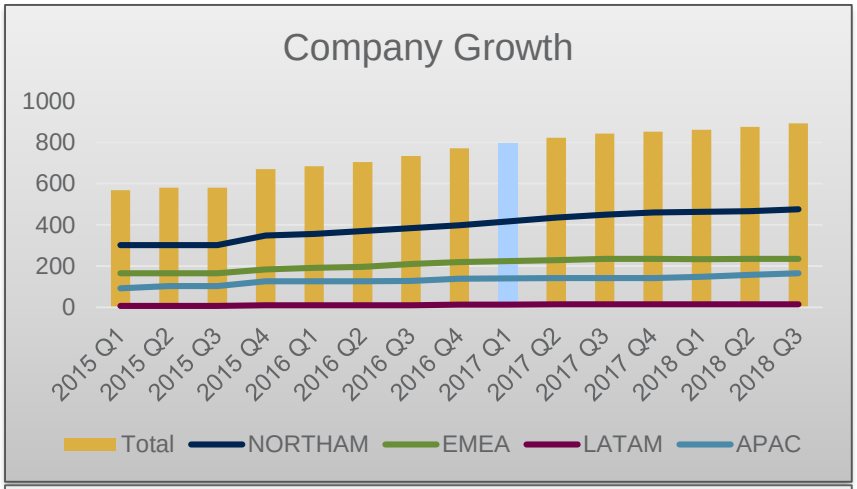
Logistics has same cost impact as staff and facility costs !

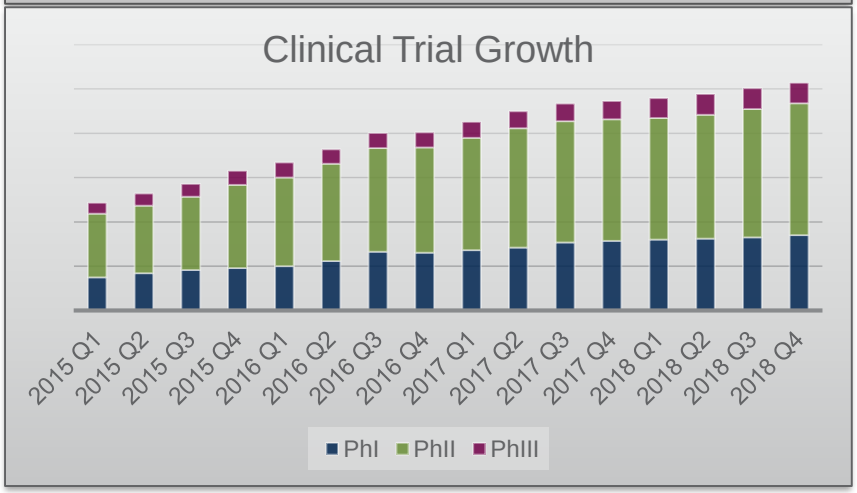


Chimeric antigen receptor–T cell therapy manufacturing: modelling the effect of offshore production on aggregate cost of goods
Richard P. Harrison, Ezequiel Zylberberg*, Simon Ellison, Bruce L. Levine. Cytotherapy, In Press

World Courier – global capability & understanding

ARM Quarterly Reports





World Courier Internal Data

World Courier - Trust and Consistency

Logistics Platform Developer, managing Time Sensitive / Temperature Critical Shipments for the Advanced Therapy Industry

EXPERIENCE
Deliveries to >2000 clinical sites

SCALABILITY
Managing clinical trial and commercial projects

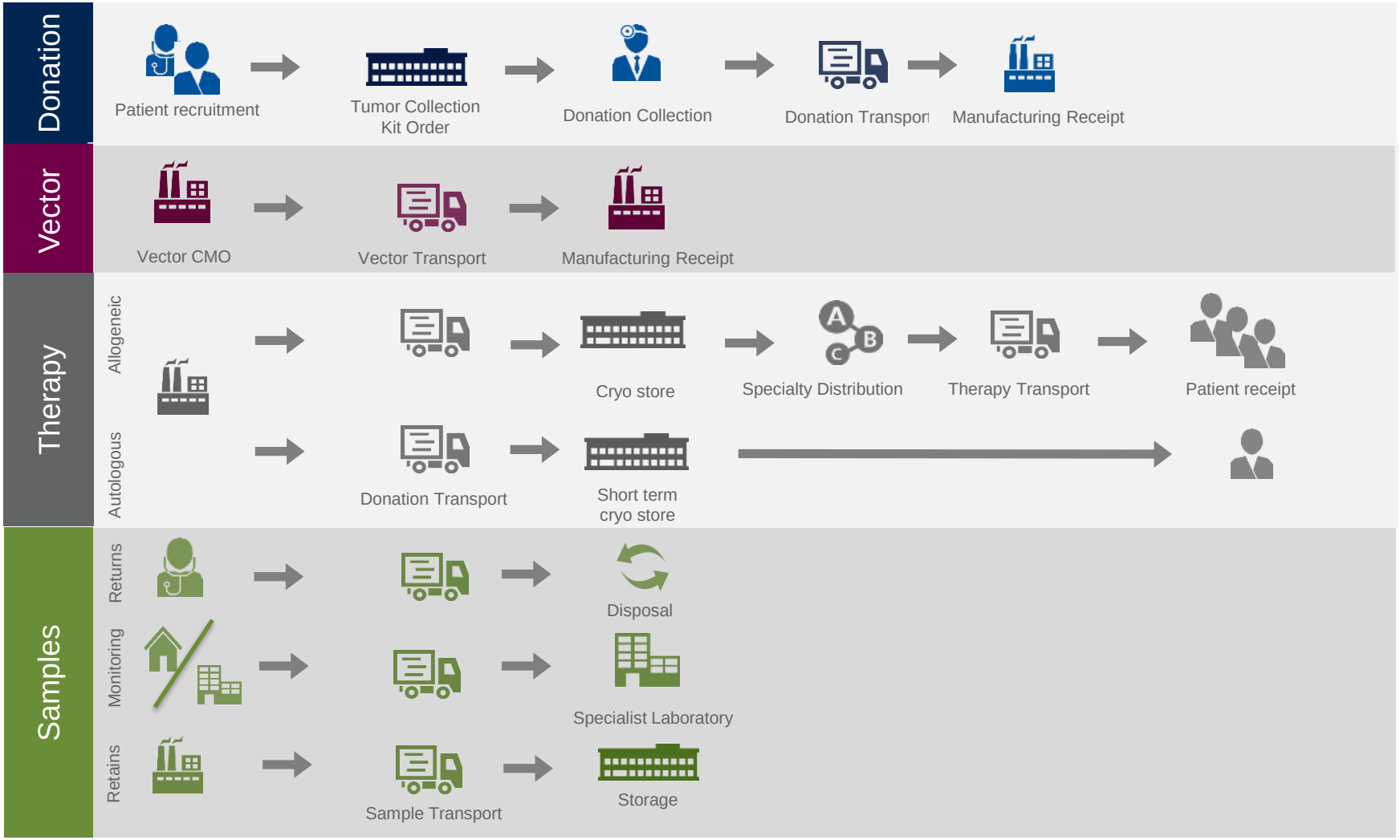
QUALITY
Fully GDP compliant throughout global network

GLOBAL SUPPORT
140 offices in 50 countries

TEMPERATURE
Supporting +37 to -190C shipments

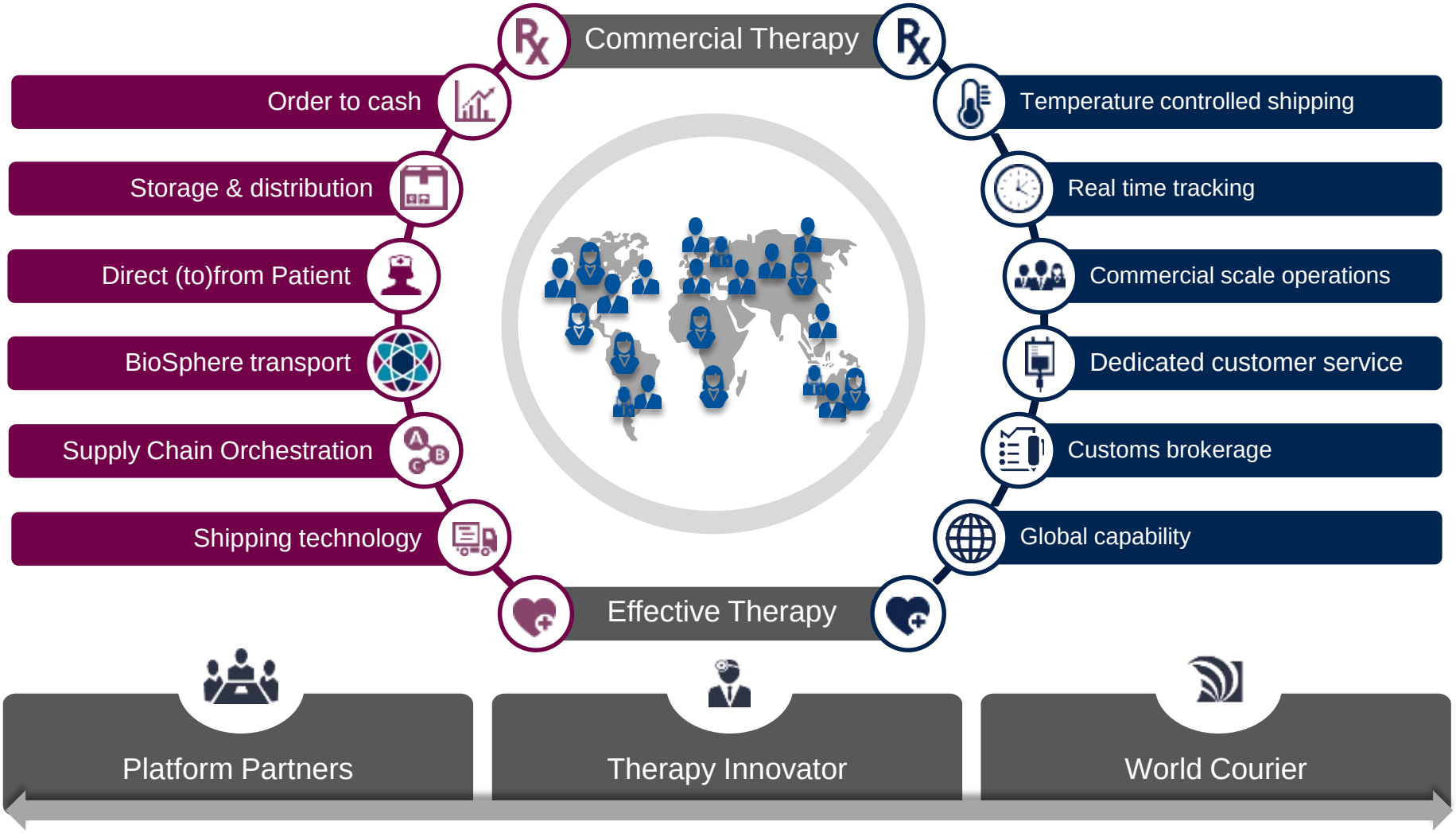
DEDICATED
Customer Service teams for advanced therapies

World Courier - Advanced Therapy Integrated Support



World Courier – Managing Logistics

Building a logistics platform



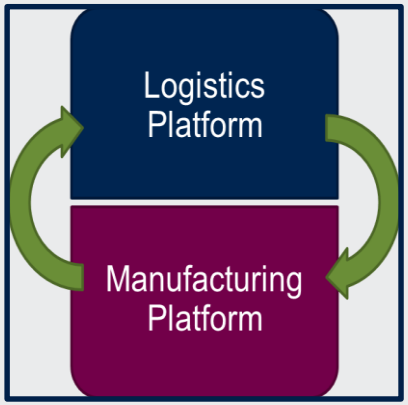
Logistics Platform in Operation

ATTC Collaborator

- Developing seamless supply chain
- Integrate and apply learnings throughout global network

Global LN2 Charging Capability

- 12 charging centres, and capability throughout global network
- Driven by a single quality system and underpinned by established SOPs
- Supporting over 10,000 cryo shipments annually



Integrated platform development

(Announced 28th May @ ISCT)

- Relationship with key manufacturing infrastructure organisation
- Support therapy developers in scaling up through clinical into commercial operations
- Integrate Logistics & Manufacturing Platforms

World Courier's people, operational expertise, and office locations will support the success of your therapy

Focus on Communication: Automated updates; 24/7 dedicated Customer Service and Clinical Trial teams; GPS tracking; unparalleled emergency response

Pro-Active Chain of Custody: Thorough SOPs and Work Instructions to maintain chain of custody; shipment tracking through systems and GPaS

Own Office Network: 98% percent of all activity takes place in countries where we have offices (including pick up, drop off, and transhipments)

Contingency Planning: Pre-arrangements with emergency services (ambulances, local police escorts, helicopter); WC office dry shipper supply

State of the Art Training: Proprietary Training Resource Center and Agent Resource Center; Site training plan

Scalable Processes: Training infrastructure; Packaging Management Hubs (PH1); extensive network; Technology (Biostar); Quality Management System

Preferred Partner: FCPA compliant; regular local and global audits; constantly investing to support client needs; resourced to overcome any challenge

Where knowledge,
reach and partnership
shape healthcare delivery.