

World Courier

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World Courier at a Glance

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- Pioneered the Specialty Courier Market in 1969
- 2,500+ employees worldwide
- More than 150 offices in across +50 countries
- Part of AmerisourceBergen Group since 2012



SHIPPING SOLUTIONS

Next Flight Out, Direct Drive, Hand Carry, Charter



24/7/365 - Always open



PRECISION DEMAND

Individual Handling, Flexible Solutions



LOCAL KNOWLEDGE, GLOBAL SCALE

Document Review, Customs Clearance



Raw materials shipping and transport



Clinical trials



Quality testing/batch testing



Scientific Samples

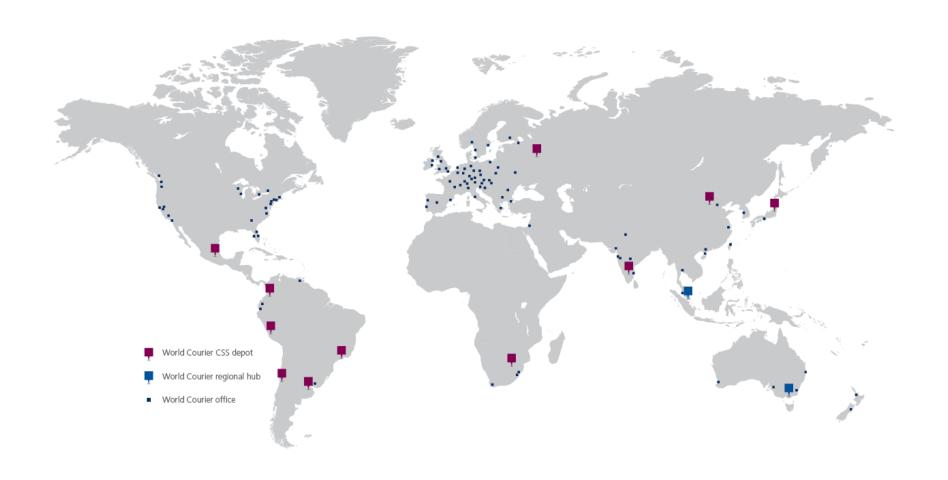


Finished drug products distribution support





A Global Leader



BY THE NUMBERS

A CRUCIAL ROLE IN

\equiv 15.900+ \equiv

CLINICAL TRIALS

19,370
TEMPERATURE-CONTROLLED
DEPOT-TO-SITE
DELIVERIES
(2016)

99,90%
DELIVERIES
WITHOUT
TEMPERATURE
DEVIATIONS
(2016)





What is BioSTAR?

A priority system that takes clinical trial logistics management to another level



Site instructionsProviding site with all information to book shipments



Booking shipments Customer services have all the details to hand to take orders



Special Instructions Call times / pick up time to achieve draw to assay targets



Study Parameters Record temperature,

packaging, documents refrigerant,



Classification

All decisions are made by the sponsor



Contact Information

Uploaded in advance, email pre-alerts can be sent by at every step





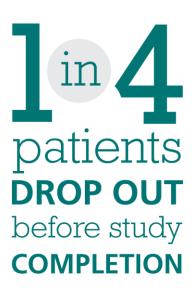


The Sponsors Need It



94% OF PATIENTS do not have access to TRIALS





*Medical Research Network





Traditional Module



Geographic reach

Travel time

Impact on lifestyle





Direct to/from Patient Module



Boost patient enrollment & retention

Reduce time & cost of clinical trials

Increased QOL







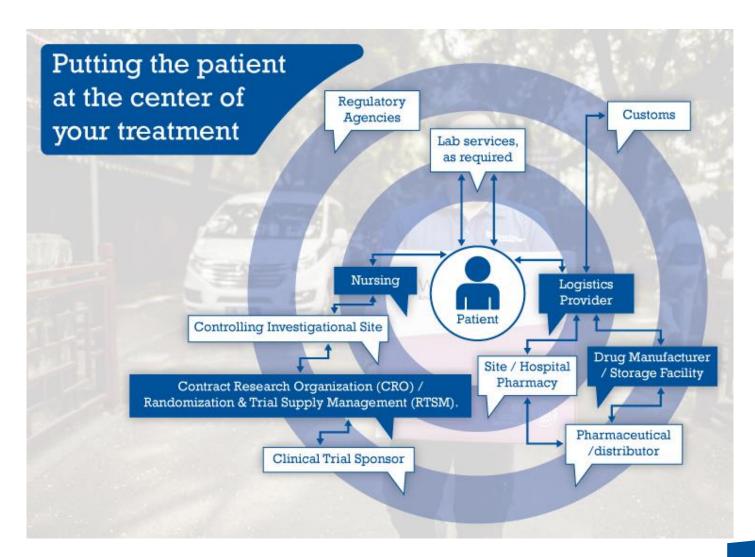
78% of patients would find it **HELPFUL** to have their clinical trial medication delivered to their home

EVERYONE FEELS BETTER AT HOME





What is World Couriers role?





Our processes, dedicated resources and experience position us as the specialty courier of choice for DtP



Comprehensive patient-centric logistics service

Global SOP ensures consistency of project setup and execution

Medication and ancillaries

Dedicated resources, including in-country DtP coordinators

Fully DtP trained associates includes customer service, operations and drivers

Focused on continuous improvement, service enhancements and innovations

Biological samples and unused medication/ supplies





A Strategic Partnership

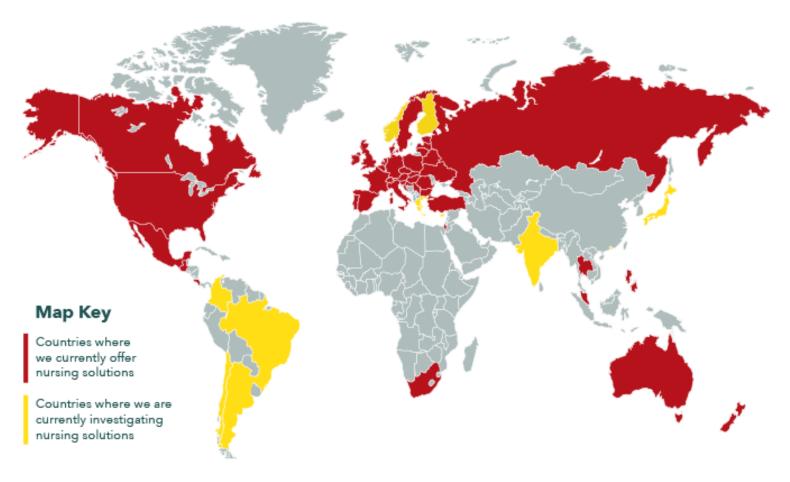


 Medical Research Network (MRN) is an industry leader in home healthcare services

- MRN provides home nursing services across 40 countries and growing
- Partnered with World Courier in 2015, after eight years of working together to deliver Home Trial Support (HTS) services where nurses visit patients in their own homes.



A Global Company



- Currently active in 40 countries
- Actively assessing new markets





What can be done in the home?

Simple Visits (example)

- Vital signs
- Blood Sampling
- Centrifugation
- Self administration training
- QOL
- Nasal / Wound swabs

Complex Visits (example)

- IMP administration
- ECGs
- Spirometry





DtP Experience by Indication

Indication [EvaluatePharma]	# Trials	# Patients Referred to Home Trial Support	# HTS Visits Performed
Neurology	14	936	6,102
Musculoskeletal	9	131	4,209
Respiratory	6	214	6,887
Immunology	11	154	2,518
Urinary tract	6	372	2,457
Metabolic & Lysosomal Storage Disorders	23	184	3,998
Oncology	9	259	4,699
Infections	15	102	577
Blood	21	155	1,054
Hepatic & Billary	4	178	1,206
Skin	3	133	546
Cardiovascular	4	44	949
Other	6	142	161
Sensory Organs	1	89	103
Reproduction	1	1	1
Gastro-Intestinal	2	30	32
Diabetes	1	22	25
Hormone	1	0	0
TOTAL	131	3,004	35,363

CubixxCT





- Secure IP home storage (2 8 C)
- Continuous temp monitoring
- Can restrict access per study
- Reduces number of deliveries and challenges in supply chain
- RFID can enhance inventory / accountability



Regulatory & Tactical Considerations

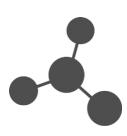
- Regulatory Process
 - Include DtP & HtS in Clinical Protocol and CTA
 - >Particularly include how any recall procedure would operate
 - >How the patient will be supplied with the IMPs in a timely manner
 - >Describe how patient compliance will be assured
 - Include DtP & HtS in the patient consent
 - Requirements differ from country to country



Direct to Patient Module



Increase patient recruitment by 60% or more



Enable patient recruitment from a wider region

Expedite patient recruitment

Complete studies at a faster pace



Reduce on-site visits for patients



Increase consent rates

Reduce drop-out rates

Improve site resourcing



Maintain patient retention at 95% or more



Visit Scheduling



Bespoke patient scheduling & tracking tool

- Referred patient entered into MRN-SMART
- All visit dates forecast for entire trial duration
- Lead nurses track & book visits with their local teams
- Visits tracked as prepared & completed
- Standardized client reporting
- Feeds into trackers

Flexible, rapid and effective data handling straight from the patient's home







Valuble links about DtP

https://www.worldcourier.com/solutions-direct-to-patient

https://www.worldcourier.com/insights/direct-to-patient-services

