



Mobile Research Nursing Services  
Patient Centricity in Action

Making Pharmaceuticals Conference 30<sup>th</sup> April 2019

# Illingworth's Research Nurse footprint



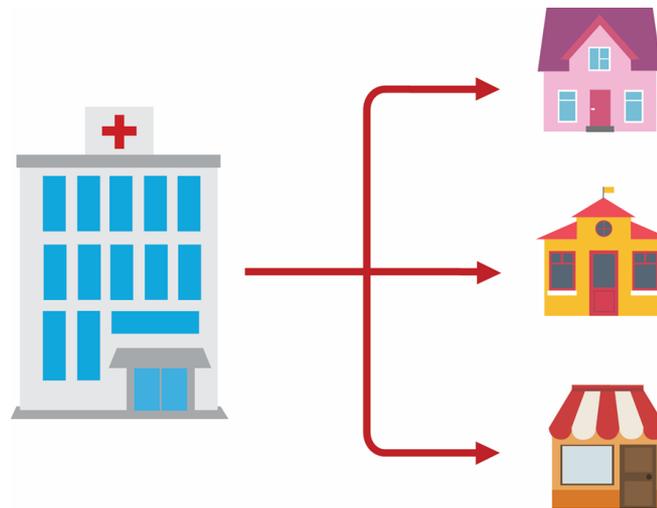
Region	Countries covered
<b>North America</b>	USA, Canada
<b>Europe</b>	Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Netherlands, Norway, Poland, Romania, Russia, Serbia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom
<b>Australasia</b>	Australia, New Zealand
<b>Middle East</b>	Israel, Egypt and Jordan Kuwait in development

# Mobile Research Nursing

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Mobile simply meaning the Research Nurses can see a patient in any safe and convenient location E.g. Home, work, school or college.

Mobile visits offer a truly patient centric solution, fitting around the patient and their families lives and hence improving recruitment and retention rates.



# Mobile Research Nurse Overview

A large multinational bank of qualified and experienced research nurses covering over 35 countries with a mix of field, and office-based personnel, allowing easy access to many hospital sites

Previously provided mobile research nursing in paediatric, orphan diseases and terminal cancer

All research nurses working for us are indemnified by Illingworth

A research nurse project manager is allocated to each study to oversee the mobile research nursing team

24/7 on-call support



# What does Mobile Research Nursing offer?

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## Challenges Avoided

Excessive travel

Absence from work or school

Patient and family stress and logistical concerns

## **PATIENT CENTRICITY**

## Patient Benefits

Treated in a comfortable environment

Low impact on patient and family lives

Increased access to clinical trials when remote from trial sites



# Nurse's Portable Kit



# How Mobile Research Nursing works

## Step 1

During the consent process, patients can choose to take up the option of off site visits. Visits can take place in any approved environment such as home, workplace or school.

## Step 2

Illingworth Research Nurses (RNs) are highly-trained clinicians with GCP experience. They are a vital part of the study team, approved by the hospital, trained on the study and named on the delegation of duties log at site.

## Step 3

The patient meets the mobile research nurse at the site prior to the first off-site visit. Where possible the same nurse will complete each visit to help build a rapport.

## Step 4

The RN handles all the visit requirements, such as liaising with pharmacy and courier to deliver the IMP and pick up blood samples. Our RNs carry kit with them including centrifuges. Data is entered into an eCRF or paper at the point of collection. Close communication with the PI and site team maintained throughout.

## Step 5

All source data is reviewed and sent to site to file with the patient's notes within 48 hours of the visit. Any worrying changes in health status are reported to site immediately.



# Off-site procedures (list not exhaustive)

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- Adverse Event assessment and safety evaluation
- Concomitant medication assessment
- Vital Signs including weight and height measurements
- Abbreviated physical examinations
- 12-lead ECG
- Urine sample collection and processing
- Blood draw e.g. PK, safety labs and centrifuge process
- IMP administration (sub-cut, IM, IV, central line, oral, nebuliser/inhaler)
- Diary compliance
- CRF, eCRF and Questionnaire completion
- Arrange courier collection for samples including temperature regulated shipments
- Attachment/collection of monitors such as cough or spirometry monitors

**We are able to train our research nurses to do any other study-related procedures that can be safely conducted within a home/off-site setting**

## Research Nursing & Sites Perception vs Reality

**Perception**  
Using a mobile  
RN service puts  
patient safety at  
risk.

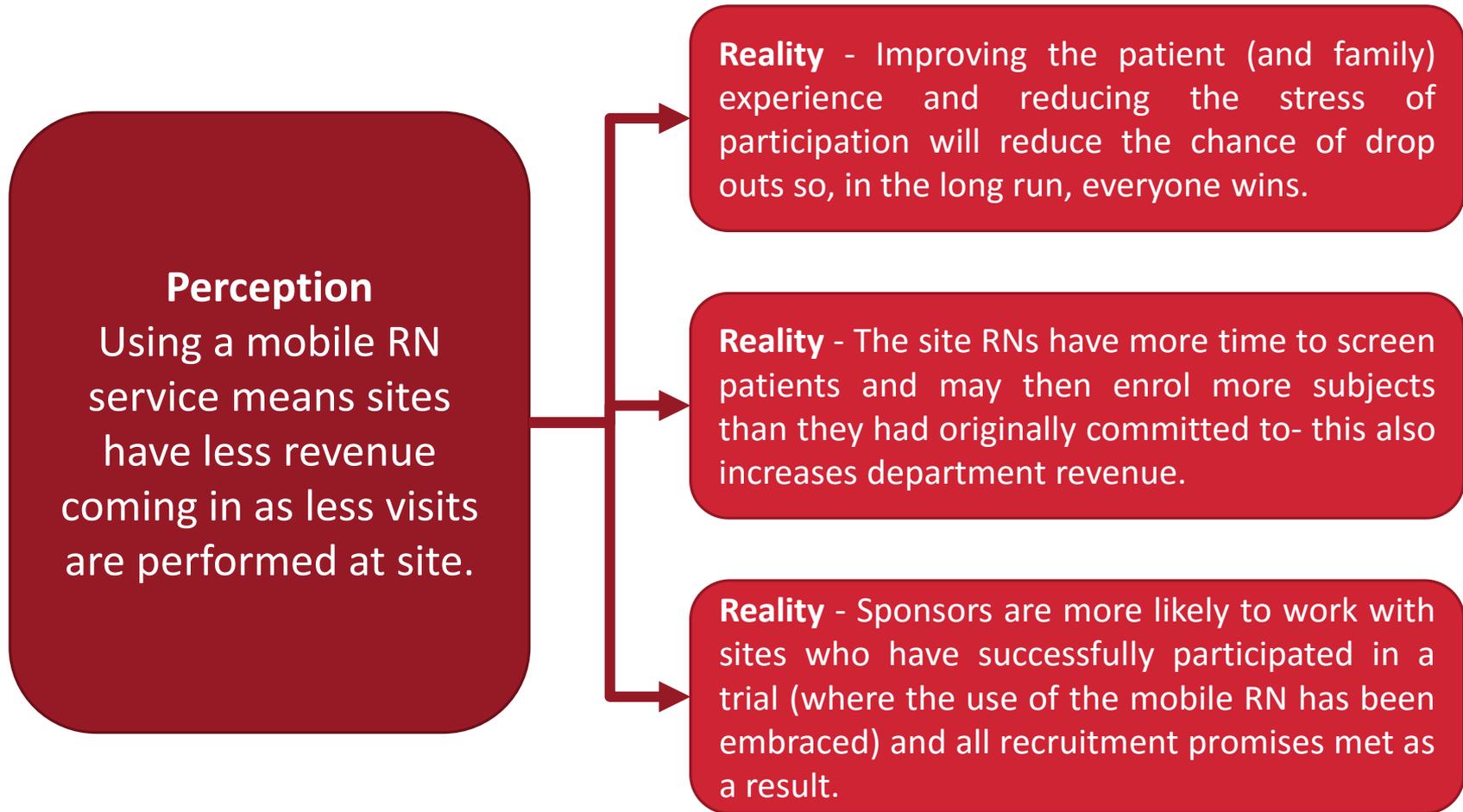
**Reality** - Mobile RNs are NOT medics and will only perform tasks which they are qualified and deemed competent to perform.

**Reality** - The mobile RN is an extension of the site team and always provides visit feedback and source data for the site staff to use to complete the CRF.

**Reality** - Any SAEs and/or AEs are reported immediately. AEs are assessed at every visit, irrespective of the tests being performed within the home.

**Reality** - All hospital trusts/Ethics committees (where needed) approve the individual nurse (nurse service in Australia) and the nurse meets both the site and patients prior to commencing the off-site visits.

## Research Nursing & Sites Perception vs Reality



# DMD Case Study – Issue

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## Issue

A Duchenne Muscular Dystrophy (DMD) study being run by a pharmaceutical company required paediatric patients to attend weekly hospital visits over a period of several years.

The client approached Illingworth Research due to high dropout of patients, predominantly because travel requirement causing loss of time at school, loss of earnings and general inconvenience for the whole family.

For some patients and their families, a flight and/or very long travel time was required from door to door in many cases overnight accommodation.

# DMD Case Study – Resolution

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## Resolution

After amending the protocol to allow flexible visits, Illingworth Mobile Research Nurses were contracted to conduct visits within the child's home or school.

Our research nurses visited the children in their homes 3 out of every 4 weeks for a 2-year treatment period and after the 2 years, not one child had dropped out of the study.

Parents and their children were delighted with the rapport built up and it meant the loss of school time, loss of earnings for parents and general disruption was reduced to a minimum.

***After initiating the home research nursing service, for 2 years running there was ZERO drop out.***

# Examples of rare disease studies conducted at home

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## Dermatomyositis

Subjects have twice daily sub-cutaneous infusions lasting up to 7 hours per day split over 2 sessions.



## Epidermolysis bullosa (EB)

Children require lengthy soaking off of wound dressings. Our nurses photograph the skin blisters, upload for our Medical Photography department to analyse and report on and then redress the blisters.

Any Questions?

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Thank you  
for your time.