GS1 Healthcare Provider Advisory Council Webinar
Implementing GS1 Standards for Patient and Asset tracking at the Galway Clinic using passive RFID

Mark Sheehan, Business Development Manager, Galway Clinic, Ireland

8th October 2015
HPAC Case Study Webinars

This is the 14th Webinar

Implementing GS1 Standards for Patient and Asset tracking at the Galway Clinic using passive RFID

Mark Sheehan, Business Development Manager

Galway Clinic
Ireland
RFID in Healthcare
What is RFID?

- Sophisticated Barcode
- Utilises radiofrequency
Why Use RFID?
Patient Safety & Analytics

- Year of the Patient journey
- Right Patient - right procedure
- Perimeter alarms
- Patient Location
- Patient Tracking
R.F.I.D. TECHNOLOGY
Challenges

- Water and metal!!
- Read range
- Cost
- ROI
Asset Tracking

• CSSD and areas involving manual counting.
• Product Recalls: Deupuy case

• Automated Stock Taking: Twinbin project
• Automation: Car park, TMS, Doors, Fire, Restaurant, who performed procedures
• Automated data entry
• Find a specialist
• Identify yourself to the patient
• Find equipment
• Find patients
• Track at risk patients
Today in GC

• Unique patient wristband: just 1
• Outpatient Identity card
• Certain assets, soon all
• First using this combination of technology that I have seen
RFID infrastructure

Antennae

Passive UHF RFID wristbands
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<th>DateTime First Detected</th>
<th>RSSI</th>
<th>Location</th>
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Richard, welcome to the O’Malley Ward

Today you are being cared for by the following care team:

Currently in the room:
- Consultant: Dr James O’Connell
- Doctor: John Lawless

Team currently assigned to you:
- Surgeon: Dr Kate Asano
- Nurse: Thomas Hopkins

MRN: 00231903B
Patient Name:
Your Room / Bed: Room 202
Pantry Phone #: 5961
Estimated Discharge: Nov, 15th
Date of Birth

Click to play video
Assign Richard to Room 202
<table>
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<tr>
<th>Time</th>
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<td>7:28</td>
<td>Abdomen/Pelvis W/Contrast Onc</td>
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<td>7:30</td>
<td>Ct Thorax,Lungs No Contra Onc</td>
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<td>Abdomen/Pelvis With Contrast</td>
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<tr>
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<td>Cannula</td>
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- MR000
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Tomorrow in GC

- Staff Education
- Twinbin project hospital wide
- CSSD
- More systems integration for safety: PACS
- Meaningful Use
- Big Data
Where should I go?

Touch for Directions
- Find My Consultant
- Assistant & Emergency
- Cardiology
- Long Function
- Physiotherapy
- X Ray - Radiology
- Radiotherapy
- Restaurant
- Storwell to Suites
- Conference Room
- Administration
- Parking Pay Station
- Florence Nightingale Unit
- John Paul II Unit
- Intensive Care Unit
- O’Malley Unit
- O’Riordan Unit
- Mother Teresa Unit
- Our Lady of Knock Unit

Galway Clinic
Question & Answers

Please type your question in the dedicated box
Next HPAC Webinar

Implementing GS1 on medical devices in the Operating Room (OR)

Roland van der Loos
Manager Anesthesiology, OR, Sterilization dept. and oncology
AND
Jeroen van Winden
Manager logistics OR

Tweesteden Ziekenhuis, Tilburg, Netherlands

Date: Thursday 12th November 2015
Time: 13:30 GMT

http://www.gs1.org/healthcare/hpac_webinars