

GS1 Global Healthcare Conference HPAC Working Lunch

Thursday 25th October 2012





•	Introduction – Janice Kite, Traceability Director, GS1 Global Office	10min
•	Case Studies:	
	 Andrew Smith, St James' (Ireland) 	15min
	 Tom Pereboom, Hospital Amstelland (Netherlands) 	15min
	• Frederique Fremont, C.H.I. Robert Ballanger Hospital (France)	15min
•	Open Q&A, Discussion - Feargal McGroarty, Tri-Chair	50 min
	Questions for our presenters	
	Implementation Pain Points	

• Call to Action > Position Papers



Introduction

Janice Kite Traceability Director Healthcare GS1 Global Office

AUDDAR



HPAC – Who?



Tri-Chairs – Clinical

• Feargal Mc Groarty FIBMS, Project Manager, IMS Dept, St. James's Hospital, Dublin, Ireland



Tri-Chairs – Non-Clinical

• Martin Edwards, Director Information Systems, Health Purchasing Victoria – Australia



Tri-Chairs – GS1 Member Organisation (MO)

 Doris Nessim, Vice President Pharmacy, Patient Safety & eHealth, GS1 Canada



GS1 Facilitator

 Janice Kite MBA, Traceability Director Healthcare, GS1 Global Office



- Objective:
 - Be a forum for sharing and discussing the practical realities of implementation of GS1 Standards in the care giving environment in regards to the impact on clinical care and patient interaction
 - To identify projects that support the adoption of GS1 Standards in Healthcare institutions and retail pharmacies
 - To identify best practices and case studies for publication, presentation and sharing
 - Be a source of expertise and provide feedback and advice to those involved in GS1 standards development, the wider Healthcare stakeholder community and senior executives/decision-makers to gain their buy-in and support for implementation of GS1 Standards

• Scope:

 The Advisory Council will consist of thought leaders and early adopters of GS1 Healthcare Standards from the global clinical provider environment (e.g. hospitals, retail and hospital pharmacies, clinics, care homes etc.).



- Objective: Be a forum for sharing and discussing the practical realities of implementation of GS1 Standards in the care giving environment in regards to the impact on clinical care and patient interaction
 - 1. Lack of awareness in provider environment (Particularly C-Suite)
 - ✓ Create C-Suite Slide Deck (Top download from cRoom)
 - 2. 11 Pain Points (aka Implementation Realities)
 - 4 Process related (e.g. clinical dispensing of generic medicines; tender categories; reporting analysis; scanning meds in OR)
 - Highlighted but not solved by GS1 Standards Implementation
 - 2 Information Technology/Systems/Applications related
 - Common across the organisation; whichever systems involved (clinical, nonclinical/admin)
 - 5 Bar code symbol related
 - No bar code symbol present
 - Poor quality bar code symbol
 - Placement of bar code symbols
 - More than one bar code symbol
 - Non-Standard bar code symbols
 - ✓ 2 Position Papers: IT/IS Interoperability; Bar Code Symbology Issues

Launch and Call to Action at the end of the Hospital Plenary Session this Thursday!



✓ Objective: Be a source of expertise and provide feedback and advice to those involved in GS1 standards development, the wider Healthcare stakeholder community and senior executives/decision-makers to gain their buy-in and support for implementation of GS1 Standards

1. Lack of awareness in provider environment (Particularly C-Suite)

- ✓ Create C-Suite Slide Deck (*Top download from cRoom*) <u>http://community.gs1.org/apps/org/workgroup/gs1hpac/download.php/42550/latest</u>
- 2. HPAC Monthly Calls
 - ✓ Agenda items and on-going discussions
- 3. Need to do more...



- Objectives
 - Be a forum for sharing and discussing the practical realities of implementation of GS1 Standards in the care giving environment in regards to the impact on clinical care and patient interaction
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Current research/survey:

Are the original objectives still relevant? Which will determine: What next for HPAC?



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	Questions for our presenters	
	Implementation Pain Points	

• Call to Action > Position Papers





St James's Hospital Andrew Smith, HSSU

Innovative National Traceability in Healthcare using GS1 Standards



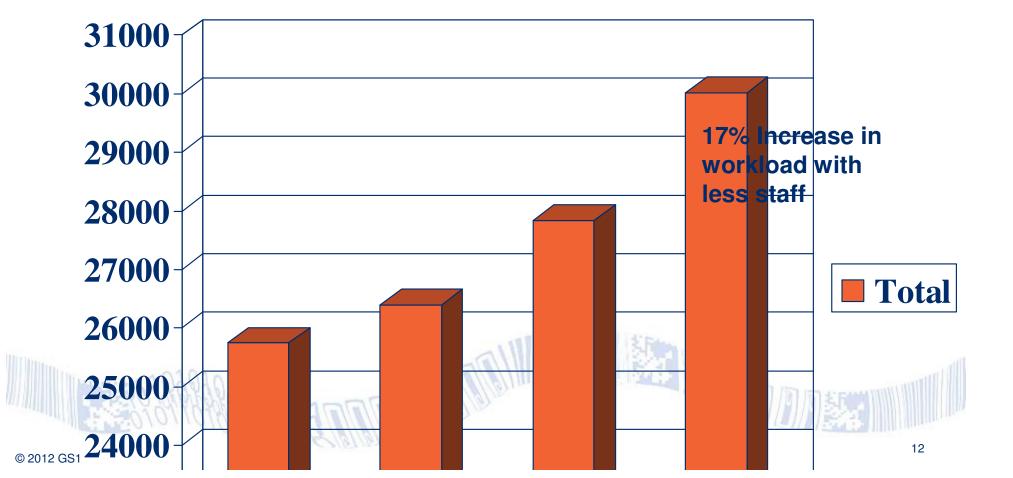


"Systems should be in place to record the decontamination process used on RIMD (tracking) and link them with service users on which they have been used (tracing)"

HSE Recommended Practices for Central Decontamination Units. Version 2.0, 2011

Project started in May 2008 – 1st "Go Live" site was St. James's Hospital in July 2011







GS1 Standards help enable traceability of surgical instruments at St James's Hospital (as part of National HSE programme)



St James's Hospital – 1,000-bed hospital in Dublin, Ireland



lssue(s)

- Ineffective traceability of surgical instruments from theatre through to hospital sterilisation process
- Time wasted on manual processes (searching for instruments, documentation etc.)

Solution

- Implementation of an integrated tracking and traceability system
- Identification of Instrument Trays using GS1 numbers
- Implementation of GS1 Standards, including GTIN, GLN and Global Traceability Standard

Results

Effective traceability of surgical instruments during sterilization process

- Reduced manual effort and increased efficiency due to automation
- Increased inventory management better stock visibility
- Increased traceability from theatre through sterilisation
- Improved workflow through automation/scanning
- Process to share loan sets much more efficient and effective
 Cost: Setup cost: €47k, Ongoing maintenance: €7.5k p.a.
 Return: 17% increase in workload with less staff



Tracking Stations

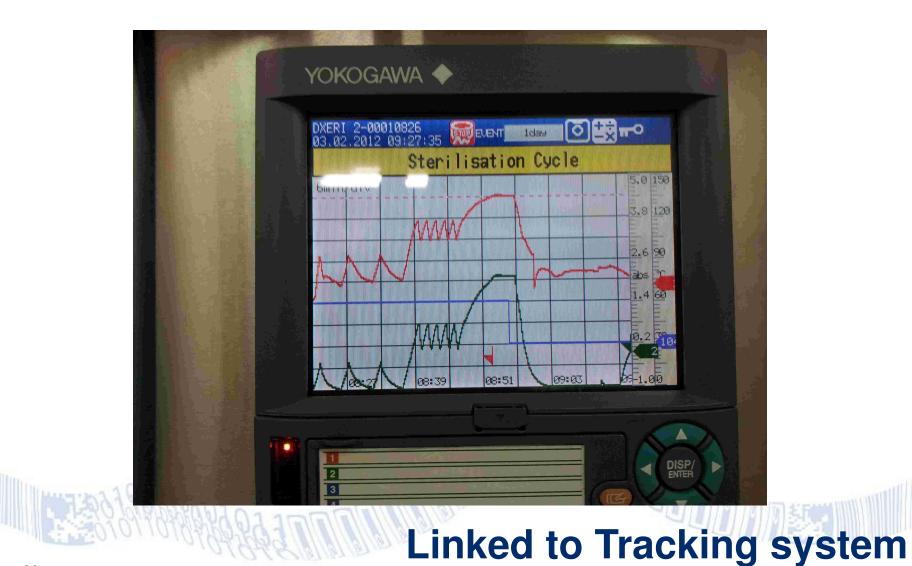




New Equipment















Tracking Instruments - After



Information available:

Electronically & Post -event









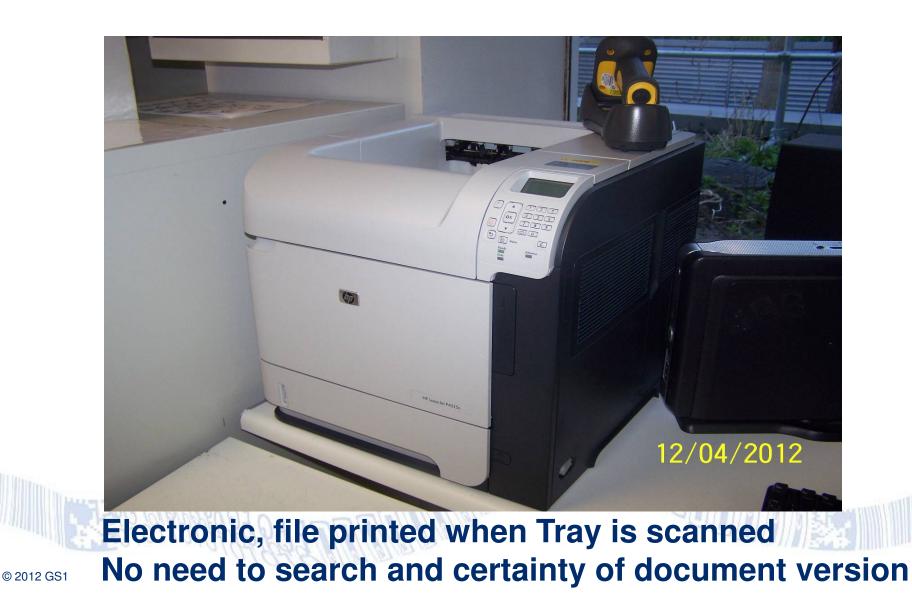




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Eg: Printed Checklist

		00002	ST JAMES'S	HOSPIT	AL DUBLIN					
00296200	002	80		TRACTO	OR CARDIAC	-01				
ersion No. 0		Printed On 03/02/2012 09:22:54								
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or mis	1						-		1	T
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-										
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2 134°		BLADE 	Date			2 ace A Tick In 1				
2 134° Clean Room	n (Check	BLADE 	Date / /		Theatre Number	2 ace A Tick In 1				
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2 134° Clean Room Sign Wash Room	n (Check	BLADE 	/ / Date		Theatre Number Date Used	2 ace A Tick In 1				
2 134° Clean Room Sign Wash Room Sign	n (Check n (Check	BLADE 	1 1		Theatre Number Date Used Hospital Reg. No.	2 ace A Tick In 1	9 Iten			
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CHAUX RETRACTOR CARDIAC-01

THEATRE 1

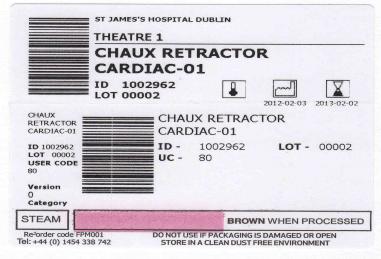
Tracker Ref: 1002962



Eg: Instrument Tray Label













Process Log - Before

		St. James's	Hospital	
DATE NAME OF	SET	THEATRE	LIST OF INSTRUMENTS	SIGNATURE
2/6/11 Radial Set	- NO (835)	9		Marting
BANIL VAD	437			Runne
MINOR ORTHO	115	7		Blothline
Cardiac S	et 46.	Tagin		Ellen Healy.
Mycro Aire I	Jul Ream	* 2963	(1997 - 1997)	John -
Basic VAS	438			filentica
MINDA ADDOM	282	Contraction of the		- Brinder
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	aus 3238			eiles Healt
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GENERAL PUSTIC	392	T		AldAlla
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CABG	774	T		HOTHilua
Basic Plastic	349	T.		Ellealy
THORASCOPY	2315	T		A Confilere S
	304		and the second	Kungen
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MICRO NERVE	- Jack		and the second sec	Ina
MICROFIT Drill	- dist		in the second	(alitela
COMPACT ATE DEW	- dist	1		Plonee









Process Log - After

From : 05/0 To : 05/04					ST JAMES'S HOSPITAL DUBLIN
01:Packi	ng Detail				
Unknowr	n Type				
Barcode	UserCode	Operator	Date In	Time In	Description
100398700044	531	EILEEN H	05/04/2012	08:13:31	GYNAE LAPAROSCOPY SET-01
100458400011	2772	LINDA R	05/04/2012	08:54:05	30° LENS 4MM WOLF 433424 DSC
100457900012	2130	LINDA R	05/04/2012	09:01:13	0° LEN5 4MM WOLF 427581 DSC
100458500018	2781	LINDA R	05/04/2012	09:05:31	30° LENS 4MM WOLF 433413 DSC
100460500024	4030	LINDA R	05/04/2012	09:08:52	HYSTEROSCOPE & SHEATH 5000193167 DSC
100303600088	2609	EILEEN H	05/04/2012	10:41:07	GENERAL LAPAROSCOPY SET NEW-01
100455100026	3768	LINDA R	05/04/2012	10:44:50	0° LENS 10MM WOLF 5000171714 DSC
100375400073	2938	PAUL R	05/04/2012	11:42:50	GENERAL LAPAROSCOPY SET NEW-06
100452500029	3195	ANTHONY C	05/04/2012	12:11:05	0° LENS 5.3MM WOLF 468796
100454900009	3177	LINDA R	05/04/2012	14:15:57	30° LENS 10MM WOLF 436023 DSC
100475700020	6024	LINDA R	05/04/2012	14:16:29	0° LENS 5MM STORZ 1127861 DSC
100375200071	2936	DOROTA S	05/04/2012	14:31:34	GENERAL LAPAROSCOPY SET NEW-04
100321000006	2393	JOSEPHINE D	05/04/2012	17:12:41	NEPHROSCOPE
100453000042	3194	DEIRDRE C	05/04/2012	17:29:14	30° LENS 10MM WOLF 457074
100452400009	3304	DEIRDRE C	05/04/2012	17:33:15	0º LENS 5MM STORZ 930600
100416900029	3889	JOSEPHINE D	05/04/2012	17:36:06	URETEROSCOPE STRAIGHT TH 10 & 11-04
100453200048	3677	DEIRDRE C	05/04/2012	17:38:59	30º LENS 10MM WOLF 5000145118
100328200015	879	JOSEPHINE D	05/04/2012	17:42:33	WOLF LITHOCLAST FULL SET
100465500034	6000	DEIRDRE C	05/04/2012	17:44:08	30° LENS 4MM ACMI 739453
100453100047	3676	DEIRDRE C	05/04/2012	17:48:29	30° LENS 10MM WOLF 5000145117

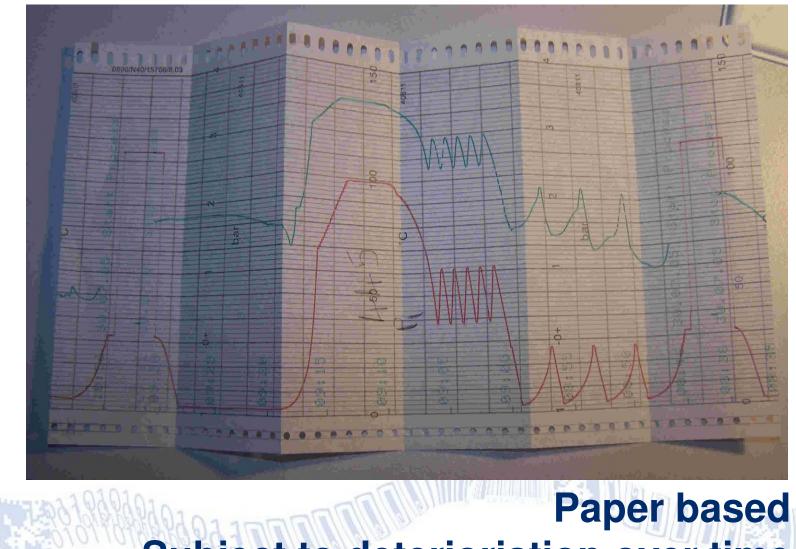
Number Of Items : 20



Electronic & Legible Post-event – Can be retrieved at the touch of a button







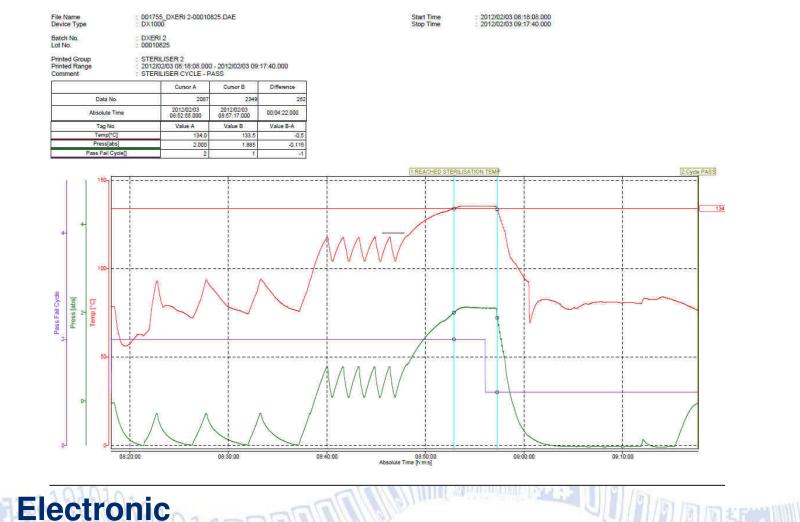
Subject to deterioriation over time

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Steriliser Cycle Record - After





Post-event - Can be retrieved at the touch of a button

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Tracking in Theatres - After

Document List Report

Document Numbe	er: T200242	Patient ID: 1087474	Theatre: THEATRE 2
Document Created By %JESSIE S	Date & Time Created 02/02/2012 14:14:23	Amendments	
Code: 1003567 Lot No: 00035 Quantity: 1 Operator: %JESSIE \$	Item: Supplier:	TRACKER BASIC CARDIAC SET-04 STERILE SERVICES	
Code: 1003774 Lot No: 00033 Quantity: 1 Operator: %JESSIE \$	Item: Supplier:	TRACKER CABG SET-05 STERILE SERVICES	
Code: 1004160 Lot No: 00027 Quantity: 1 Operator: %JESSIE S	Item: Supplier:	TRACKER CARDIAC MAMMARY RETRACTOR-03 STERILE SERVICES	
Code: 1003741 Lot No: 00049 Quantity: 1 Operator: %JESSIE \$	Item: Supplier:	TRACKER STERNAL SAW BATTERY POWERED-01 STERILE SERVICES	

Number Of Items:

4

Document Numbe	r: T200243		Patient ID: 1087474	Theatre: THEATRE 2
Document Created By Date & Time Created %JENNIFER I 02/02/2012 15:29:26			Amendments	
Code: 1002962 Lot No: 00001 Quantity: 1		Item:	TRACKER CHAUX RETRACTOR CARDIAC-01 STERILE SERVICES	
Operator: %JENNIFEF	RI	Remarks:		

Number Of Items:

Total Items:

Electronic Post-event – Can be retrieved at the touch of a button Linked to instrument tracking system





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The Big Challenge !!
Shared among hospitals (contents always changing)
Traceability is very challenging



Loan Set Checklists - Before



-		SET NAME: Pinnacle Set (Tray 1)					Set No.
Check	# of			C	lock		1
1	itema	NAME OF ITEM	2	3	4	5	
		Trial Cup Instruments	1				
1	1	Pinnacle acetabular cup trial 48mm 22170104	8				Packing & Control
1	1	Pinnacle acetabular cup that 60mm 22170105	iC				
1	1	Pinnacle acetabular oup trial 62mm · 22170108	12	1			Check 1
1	1	Pinnacle apetabular cup trial 54mm 22170105	i4				Sign:
1	1	Pinnacle acetabular cup trial 56mm . 22170105	6		-		
1	1	Pinnacle acetabular cup trial 58mm 22170105	18			1000	Date:
1	1	Pinnacle acetabular cup trial 60mm 22170106	C				
1	1	Pinnacle acetabular cup trial 62mm 22170108	2	1.00			Decontaminatio
1	1	Pinnacla acetabular cup trial 64mm - 22170106	4				
	1	Pinnacle acetabular cup trial 66mm 22170106	6				Check 5
1	1	Pinnacle straight impactor 22175004	1				Sign
1	1	Quickset ratchet screw driver handle 22740200	0				
1		Quickset ridged tapered hex sprew driver 22744700	0				Theatre Numbe
1	1	Green impactor to 28mm 22175000	6	1			Date Used
1	1	Blue impactor tip 32mm 22175000	7		1	1	Hospital Reg. N
	1	Orange impactor tip 36mm 22175000	8	-			1
1	1	Celamie Suction Cup 221700021	2				Sorub Nurse Sign:
-		meeter					
1	1	Suction top be cup 9399/000	50				Check 1
		montel					
		Version guide (2pieus) 221125 pp	4				Check 2
		Heads :		-	-		Check 3
1		28 GReen +1.5	-				
1		28 Brown + 5				-	Circ. Nurse Sign
1	1.2	28 Rme + 8.5	1				
1		28 Black + 12		1			Check 1
1		32. Green +1			-		
1		32 Room 15.	-	1	-		Check 2
1		3) Plue +9			1	-	GILLENE
1		87 Ph-de + 12 .	-		-		Chack 3
T	6-2	36 Green + 1.5	-				UTBUK D
1	-	36 Report + 5.				-	
1		36 Rhe + 8.5	-				
1	Carrier .	36 Black + 12.					and a start of the same of the
		36 Light Breason -2:	-				

 Paper based
 No certainty that list matched tray contents



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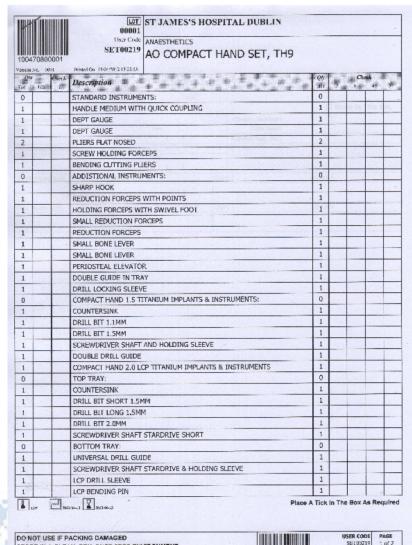
Loan Set Checklists - After

SE100219

LOT

00001

1 012



Electronic

- **Fully Legible** - Up to date
- List can be pulled from MS1 database just by scanning the tray

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Loan Set Tracking in Theatres

Document List Report

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Docu	mene L	ю перо				
Docume	nt Number	D100090		Patient ID: 1018678	Theatre: DAY THEATRE 1	
Document (%LEENA J	Dreated By JP.	Date & Time Cre 19/08/2011 11:-	ated 45:48	Amendments		
Lot No: Quantity:			Item:	TRACKER BASIC PLASTIC SET DSC-14 STERILE SERVICES		
Lot No: Quantity:			Item:	TRACKER FINE OSTEOTOME SET DSC-02 STERILE SERVICES		
Lot No: Quantity:			Item:	TRACKER MICRO AIRE SMART DRIVER DSC-02 STERILE SERVICES		
					Number Of Items:	3

Document Numbe	r: D100092		Patient ID: 1018678	Theatre: DAY THEATRE 1	
Document Created By %ANDREW	Date & Time Cre 22/08/2011 11:		Amendments		
Code: 800453930 Lot No: 02793 Ononity: 1 Operator: %ANDREW		lion:	MS1 Download AO COMPACT HAND SET, TH9 5393009000009		
				Number Of Items:	

Total Items:



13/04/2012 13:30:42







	02/02/20 02/02/201				ST JAI	MES'S H	OSPITAL	DUBLIN
		Vasher Report Washer Report Washer Repor Detailed Report	t Washer Report Wasl	her Re	port Wash	er Repo	rt Washer	Report
Machine Code	No. 5 User Code	Description	Cycle Rack	Ōtv	LoadedBy Date In	Time In	Unloaded H DateOut	3y Time Ou
1004160	1943	CARDIAC MAMMARY RETRACTOR-03	9484	1	RAJAN D	17:15:50	SEAMUS L 02/02/2012	
1002962	80	CHAUX RETRACTOR CARDIAC-01	9484	1	RAJAN D 02/02/2012	17:15:48	SEAMUS L 02/02/2012	18:35:31
1003611	132	BASIC ORTHOPAEDIC SET-10	9484	1	RAJAN D 02/02/2012	17:20:39	SEAMUS L 02/02/2012	18:35:31
1004137	3719	SELLORS RETRACTOR, CARDIAC-03	9484	1	RAJAN D 02/02/2012	17:15:44	SEAMUS L 02/02/2012	18:35:31
1003695	252	THORACOTOMY SET-07	9484	1	RAJAN D 02/02/2012	17:15:39	SEAMUS L 02/02/2012	18:35:31
1002981	2867	COMPACT AIR DRIVE, 23009	9484	1	RAJAN D 02/02/2012	17:15:20	SEAMUS L 02/02/2012	18:35:31
1003174	2964	MICRO AIRE DRILL REAMER SET NO 4	9484	1	RAJAN D 02/02/2012	17:16:10	SEAMUS L 02/02/2012	18:35:32
1003248	3717	SELLORS RETRACTOR, CARDIAC-01	9484	1	RAJAN D 02/02/2012	17:15:56	SEAMUS L 02/02/2012	18:35:32





	1/02/2012 /02/2012					st ja	MES'S HOSPITAL DUBLIN
Audit I	Report						
Date	Time	Code	Operator	Description	Machine	Cycle	Status
02/02/2012	18:22:15	100296200001	PAULR	CHAUX RETRACTOR CARDIAC-01	0	Ū	DIRTY RETURNS
02/02/2012	17:15:48	100296200001	RAJAN D	CHAUX RETRACTOR CARDIAC-01	5	9484	WASHER LOAD
02/02/2012	18:35:31	100296200001	SEAMUS L	CHAUX RETRACTOR CARDIAC-01	5	9484	WASHER UNLOADED
02/02/2012	18:59:34	100296200002	SUSAN O B	CHAUX RETRACTOR CARDIAC-01	0	0	PACKING 1st SCAN
03/02/2012	08:18:22	100296200002	DEIRDRE C	CHAUX RETRACTOR CARDIAC-01	2	10825	AUTOCLAVE LOAD
03/02/2012	09:35:09	100296200002	DEIRDREC	CHAUX RETRACTOR CARDIAC-01	2	10825	AUTOCLAVE UNLOAD
03/02/2012	09:35:09	100296200002	DEIRDREIC	CHAUX RETRACTOR CARDIAC-01	2	10825	ISSUED OFFSITE





Example of Reports #3

Document List Report

erPrint Medical (c) 2007

Document Number: T3000	041	Patient ID: 1062332	Theatre: THEATRE 3	
Document Created By Date & 1 %THERESE G 18/08/2	Ome Created 011 10:09:42	Amendments		
Lot No: 00004 Iten		TRACKER BASIC VASCULAR SET-01 STERILE SERVICES		
			Number Of Items:	1
Document Number: T300	243	Patient ID: 1069539	Number Of Items: Theatre: THEATRE 3	1
Document Number: T300.	243 Dame Created 011 19:11:21	Patient ID: 1069539 Amendments		1
Document Number: T300. Document Created By Date & 1	Inne Created 011 19:11:21 Type: Item:			

Number Of Items:

Document Number	: T300356	Patient ID: 1076379	Theatre: THEATRE 3
Document Created By %THERESE G	Date & Time Created 16/12/2011 11:44:52	Amendments	
Code: 1002912		TRACKER	
Lot No: 00014	Item	BASIC VASCULAR SET-01	
Quantity: 1	Supplier	STERILE SERVICES	
Operator: %THERESE	G Remarks		
	÷		Number Of Items:

Document Number: T400014		Patient ID: 1049242	Theatre: THEATRE 4
Accument Created By Date & Tim GERALDINE R 28/07/2011		Amendments	
Code: 1002912 Lot No: 00001 Quantity: 1	Item:	TRACKER BASIC VASCULAR SET-01 STERILE SERVICES	
Operator: %GERALDINE R	Remarks:		

Document Number: T600061		Patient ID: 0359190	Theatre: THEATRE 6	
Document Created By Date & Time %DANIELLE K 01/09/2011		Amendments		
Code: 1002912 Lot No: 00005		TRACKER BASIC VASCULAR SET-01		
Quantity: 1	Supplier:	STERILE SERVICES		
Operator: %DANIELLE K	Remarks:			
			Number Of Items:	1

Document Number: T600071		Patient ID: 1065680	Theatre: THEATRE 6
Document Created By 100291200006	Date & Time Created 06/09/2011 10:44:17	Amendments	
Code: 1002912	Type	TRACKER	
Lot No: 00005	Item	BASIC VASCULAR SET-01	
Quantity: 1	Supplier	STERILE SERVICES	
Operator: 100291200	006 Remarks		
			Number Of Items:

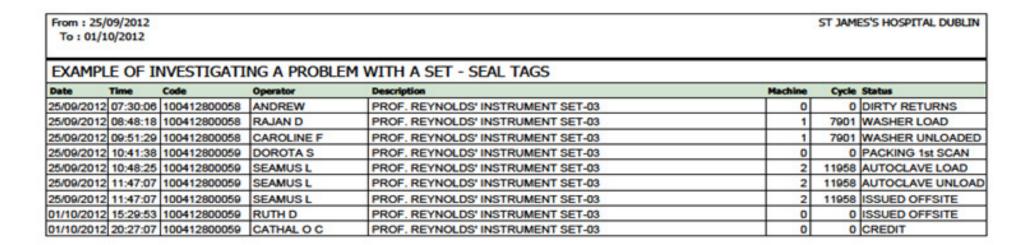
Document Number: T600110		Patient ID: 0778425	Theatre: THEATRE 6	
Document Created By %FET2Y M	Date & Time Created 20/09/2011 12:46:25	Amendments		
Code: 1002912	Type:	TRACKER		Ξ
Lot No: 00009	Item:	BASIC VASCULAR SET-01		
Quantity: 1	Supplier:	STERILE SERVICES		
Operator: %FETZY M	Remarks:			
			Number Of Items:	1

17/04/2012 12:40:38



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Key Benefits

Innovative National Traceability in Healthcare using GS1 Standards

- Automatic Tracking of Instrument Sets
 - No longer need to stick head in the washer
- Much easier to share Loan Sets
 - Interoperability between hospitals
 - Lists more accurate and legible
- Tray Checklists printed when scanned
 - Accurate and right version, no longer need to search
- All records stored digitally
 - Can be referenced post-event
- Link between tracking system and theatre
 - Closes the link between patients and sets reprocessed
- Improved Workflow
 - Scanning of instrument sets mean team has to communicate and be more organised
- Reporting
 - More reports (doing more audits), Enables asset management





Numerous Benefits

 By adopting the HSE Instrument Track and Trace solution using GS1 coding, the ability to track and trace instruments through the HSSU process is greatly improved

Role of Manufacturers

- Real benefits are when manufacturers start to mark their own products
 - Synthes are the first in Ireland to put GS1 codes on their loan set trays
 - Need more Manufacturers to follow this lead! and need more hospitals to request this when speaking to Manufacturers

Next Steps

- Phase 2 Instrument tracking and Phase 1 Endoscopy tracking
- Implant tracking



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Hospital Amstelland / GS1 Netherlands Tom Pereboom

Translating the Dutch business case



Overview of instrument and/or implant traceability

•Traceability Dutch business case: "Patient safety and efficiency in the OR."

•Start date October 2012

•Key drivers: traceability and availability of implants

•Benefits: waste reduction, inventory reduction and flexibility

•Challenge: convincing senior management





Translating the Dutch business case

- Goal: Improving availability and traceability of implants
- Who? Number of beds 255, 7 OR clinical areas supported, 88 clinicians and 650 FTE hospital employers, 6 operating theatres and 1 day treatment room
- What was the Business Issue? The patient related cost were not transparent. The hospital can not calculate and manage treatment cost based on realistic figures
- When? October 2012 12 months
- How? Translating the Dutch business case to hospital level. Creating a sense of urgency



Translating the Dutch business case cont.

• Where we started: Becoming a member of GS1 – GLN code

• Where were the business benefits?

- Improving patient safety
- Recall
- Planning
- •Quality check
- Waste reduction, replenishment process, inventory

• What were the key implementation challenges experienced?

- -Lack of barcodes relabeling issues?
- -Stalemate with SAP environment choices
- -Supply chain is not an issue in hospitals
- What next?

Standardization of assortment and barcodes



Contact Details

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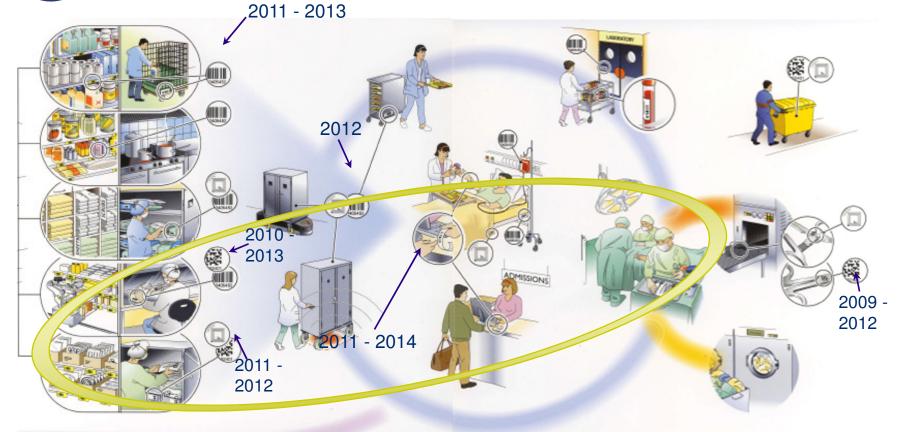


C.H.I Robert Ballanger Frédérique Frémont

Patient security and supply chain optimization

Medical Devices Traceability and scanning

Overview of instrument and implant traceability



Full traceability as it is mandatory and French Pharmacists are personally liable for Drugs and Sterile Medical Devices

Challenges : Managing the projects which are fundamentally linked together with too few resources (pharmacists, IT, ;..)

@C2202202331

Goal:



Medical Devices Traceability and scanning

- **Hi!** Intercity hospital serving a population of 400,000 persons, 670 beds
 - 450 beds in acute care (medical, chirurgical and maternity), 50 beds physical medecine and rehabilitation; 170 psychiatry beds
 - Outpatient clinic and pharmacy inside Villepinte detention center
 - CDG airport hospital
- Business Issue : Surgical Instruments
 - Due to Creutzfeldt-Jakob risk, the last 5 patients on which the instruments have been used must be known
 - Applies to hospital owned or loaned instruments
- Business Issue : Implants and high value Medical Devices
 - Implants : traceability is mandatory
 - Itemized billing to the patient (not included in the hospital bundled payment)
- Standards were needed because we wanted to engrave the existing instruments and buy the new ones already marked by the manufacturer
- Who? The head of the pharmacy has been the leading sponsor but it took 2 years to convince the top management to go to a full GS1 hospital
- Where? At first, no capital funding was needed as we decided to externalize the engraving
- When? We began in 2009 and now that a new supplier entered the field, it will be finished before the end of 2012

Next? Engraving is beginning for the instruments of another hospital (same size than us) as we are going to take the activity of their sterilization unit beginning January 2013

Medical Devices Traceability and



scanning cont.

- Where we started:
 - Using GTINs for the instruments, then for all the transport containers. We thought doing GLNs at the same time but did not due to lack of human resources
- Where were the business benefits?
 - Patient security :
 - Instrument and process traceability
 - Supply chain efficiency :
 - The surgical boxes are made by the sterilization operators
 - Traceability of instrument localization : sterilization unit, O.R, repair contractor, loan to other hospitals (2012)
 - Cost reduction : ROI around 24 weeks
 - Decrease in non-conformance and decrease of cost per box per surgical procedure
- What were the key implementation challenges experienced?
 - At first, only one: engraving supplier (second entered the market in 2012)
 - Scanners are one of the biggest challenge in instrument engraving (reading of very small data matrix, 1mm x 1mm)
 - Interoperability with IT process traceability
- What next?
 - End of 2012 Beginning 2013 we want to trace the implants and manage the operating theater stock with the WMS we have now implemented in a new Medical Devices warehouse

Link with automated dispensing cabinets in the operating rooms through GS1

DataMatrix or bar code reading



Q&A and Open Discussion





Examples...

- Questions for our presenters
- Implementation Pain Points
- Call to Action > Position Papers
- ...







Coffee Break – 30 Minutes

Return to Plenary "New York"

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