

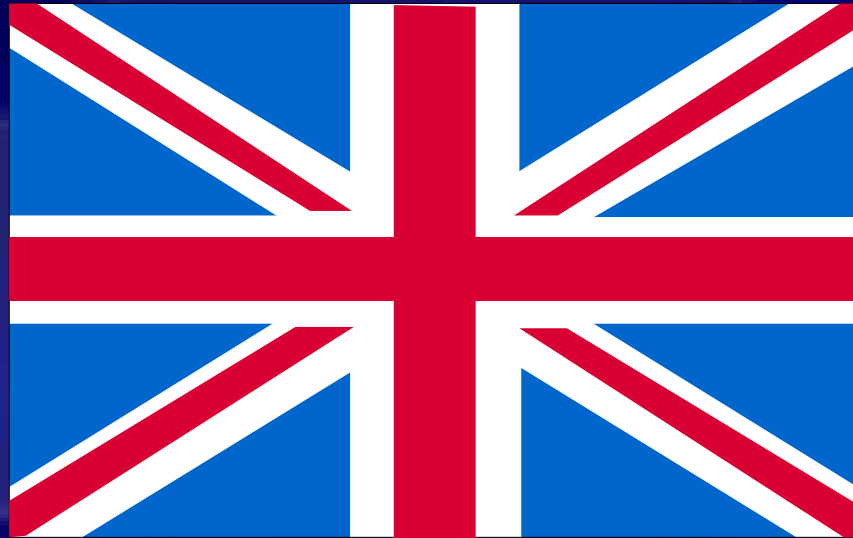
# The Essential Relationships between Decontamination Services



Closing Ceremony

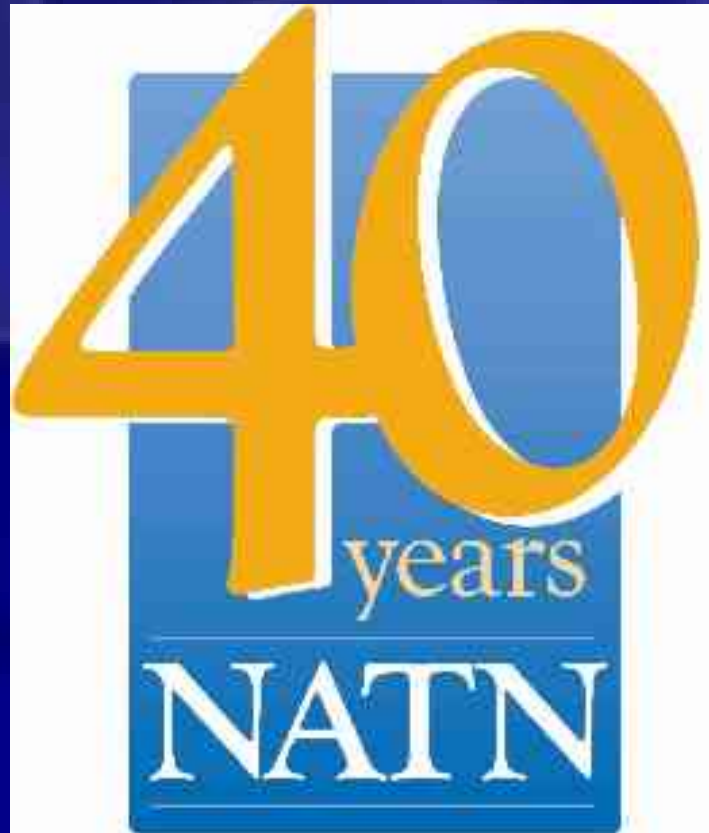
Decontamination Sciences Congress  
London 2005

# Melanie van Limborgh



Chairman of the National Association of  
Theatre Nurses  
United Kingdom

# The National Association of Theatre Nurses

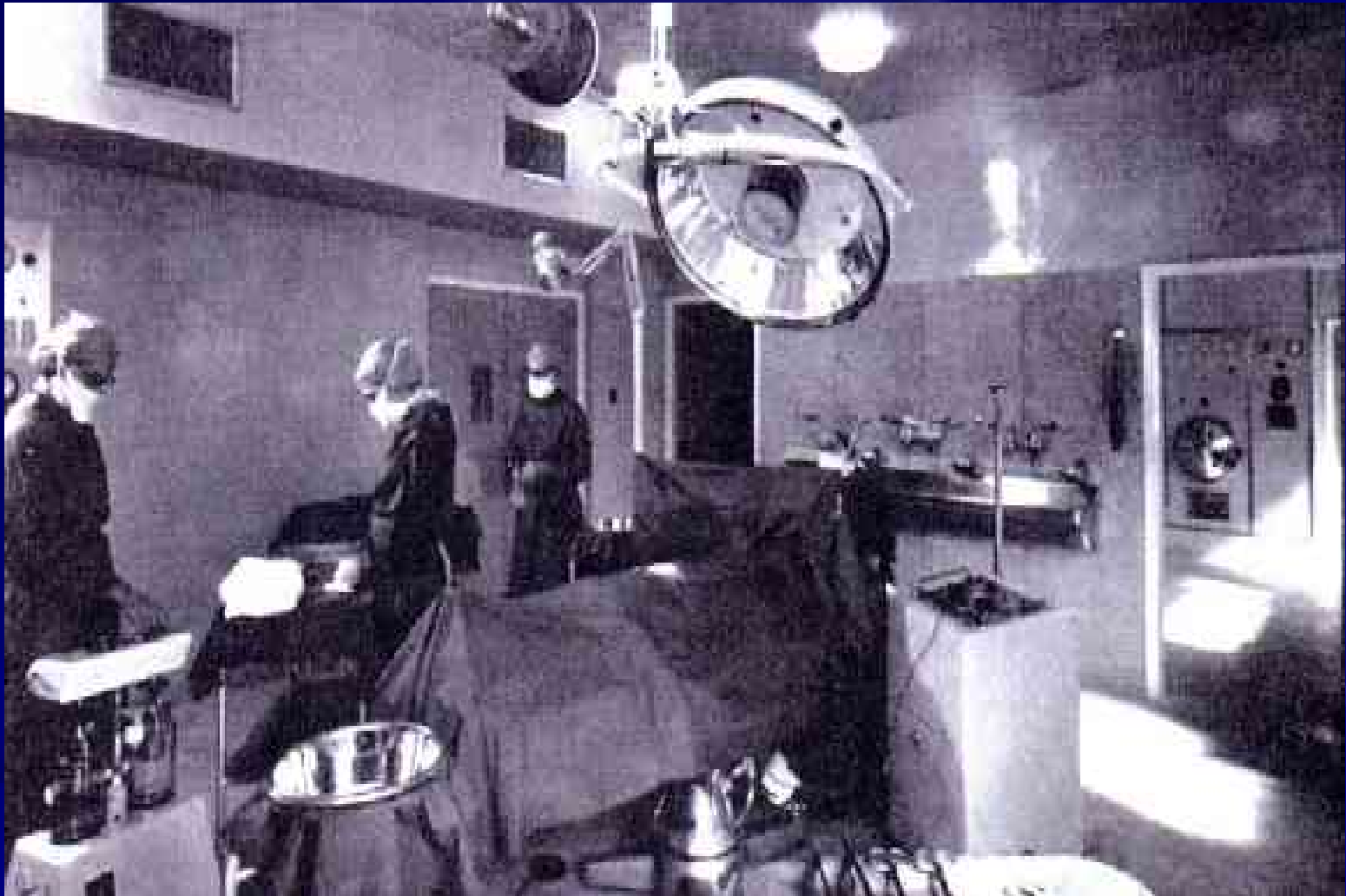


# The National Association of Theatre Nurses

- Four Countries of the United Kingdom
- Over 8500 multidisciplinary members
- Services we provide are reliant on the expertise of Decontamination Services

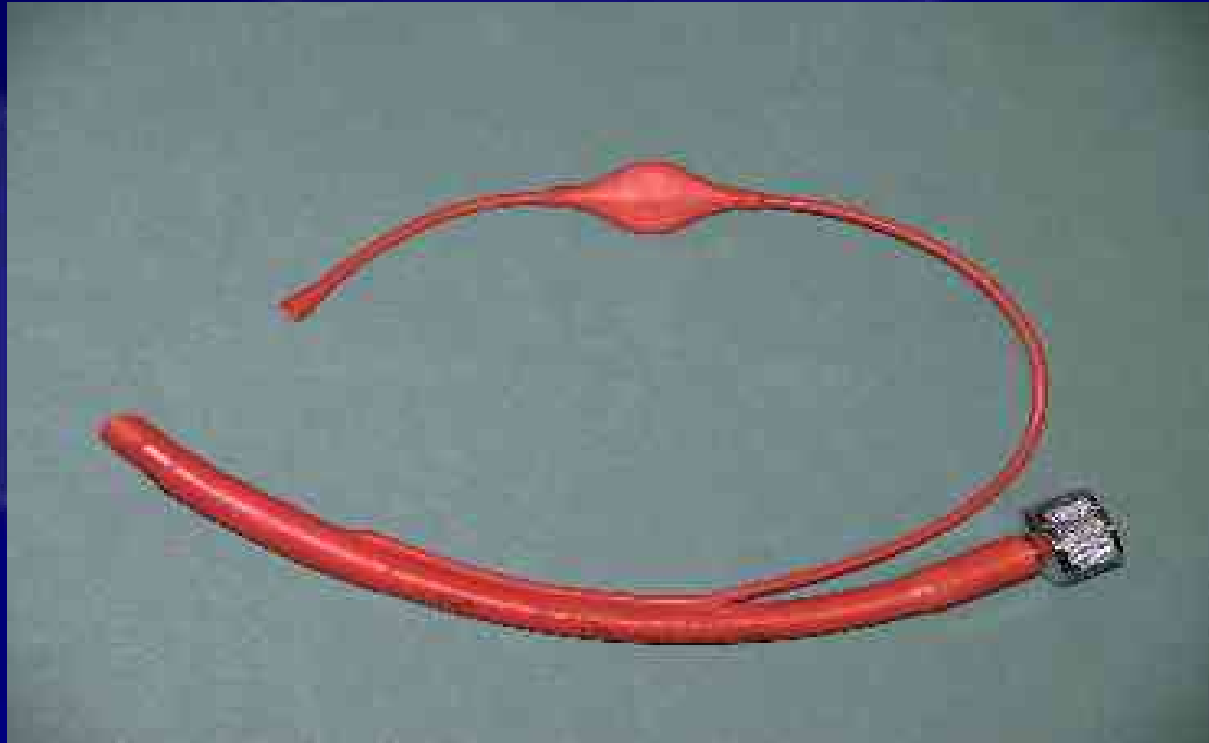


# The 1980s



# The 1980s





# Decontamination Lead




Chelsea and Westminster Healthcare



NHS Trust



# Two hats or two roles in decontamination relationships



- Perioperative Nurse
- Decontamination Lead

# Essential Relationships in Decontamination Top Team

- Perioperative (Operating Room Staff)
- Sterile Services/Decontamination Services
- Surgeons/Physicians
- Infection Control
- Authorised Persons

# Essential relationships in Decontamination Other Key Players

- Executive / risk / management staff
- Departments of Health & similar
- Medical Devices Industry
- Endoscopy staff
- Community staff
- Outsourced suppliers

# The Essential Relationship - Perioperative Staff



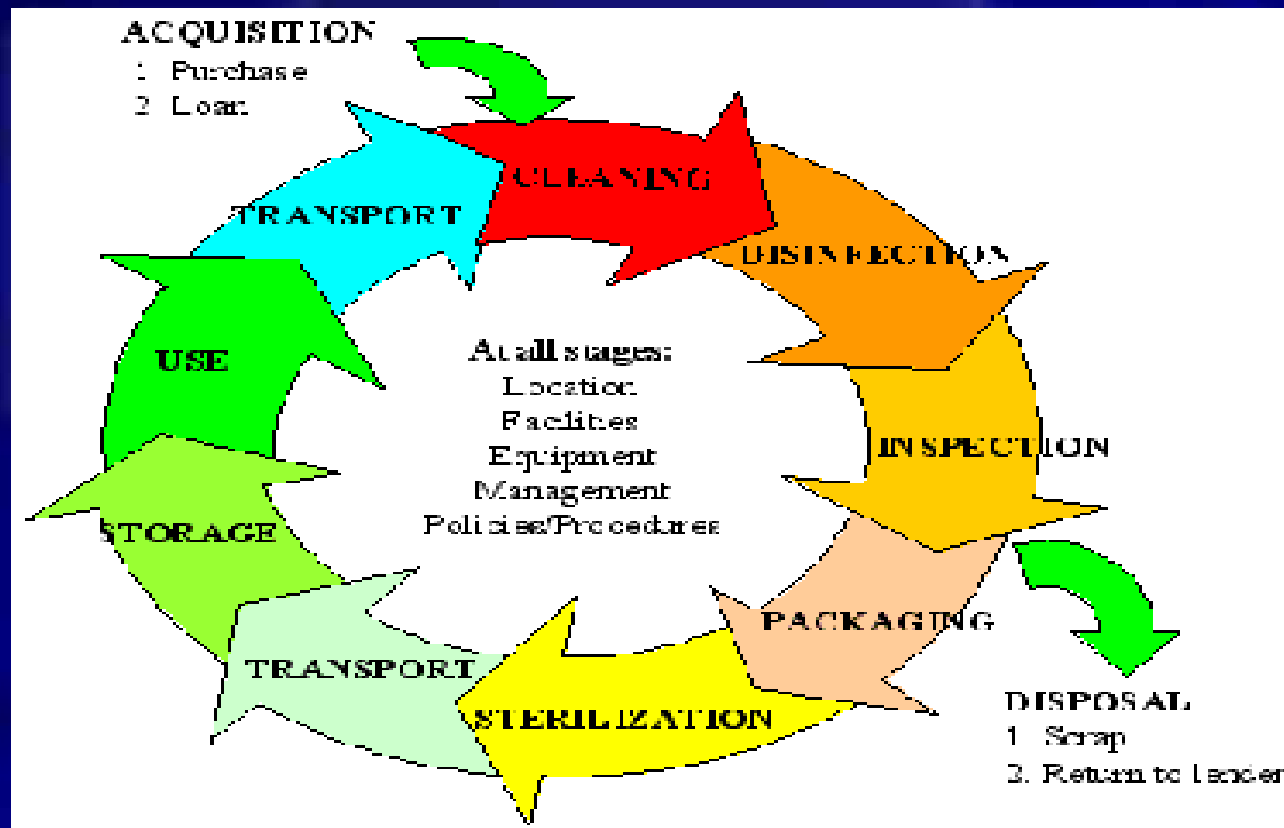
# The Essential Relationships

- Indifference
- Decontamination training is minimal
- Still large gaps in knowledge base
- Notable percentage of staff locally decontaminating
- What's the fuss about?

# Perioperative staff

- Perioperative specialists... not decontamination specialists

# The Decontamination Life Cycle



# Essential Relationships between Decontamination Services

Awareness started small.....



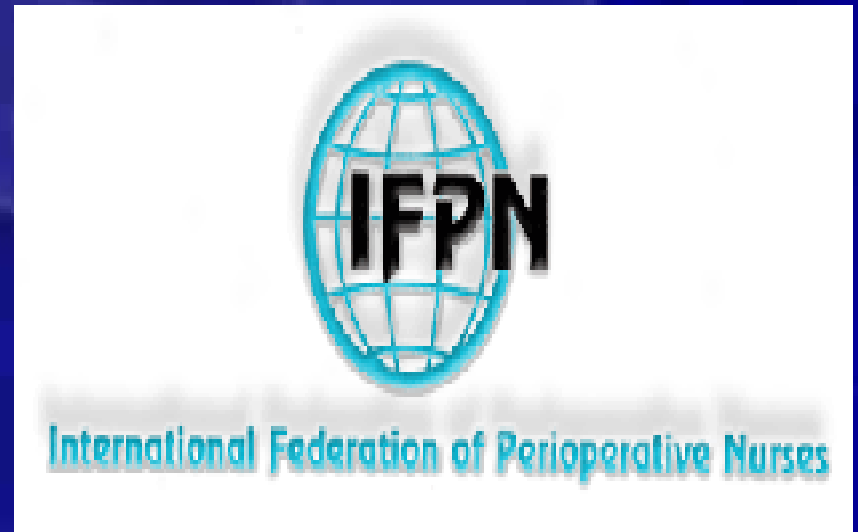
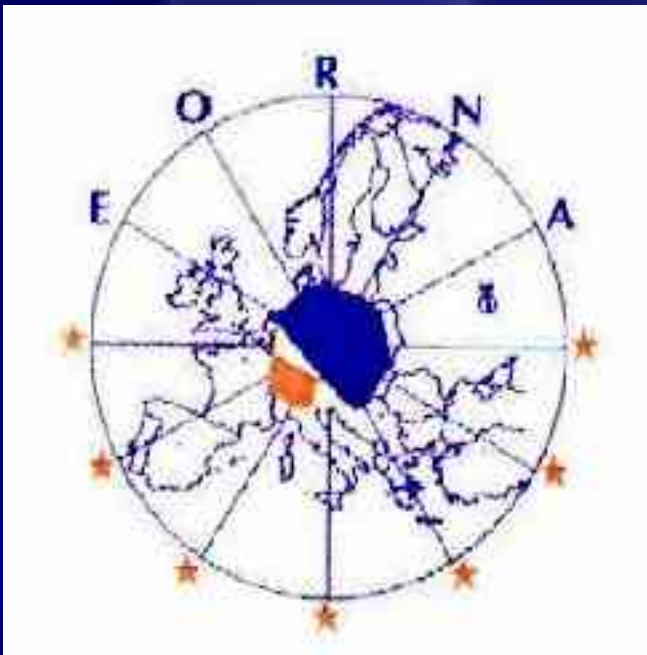


# Essential Relationships between Decontamination Services



But is growing.....

# Colleagues from other countries



What staff need....and often don't  
know what they need

## Training and Education



# The Perioperative Staff and Surgeons and Physicians

## What is needed from Decontamination Services?

- Flexibility
- Ensuring changing needs always met
- Complexity of surgical cases not always as expected

# The Essential Relationships

- Instrument inventory has to be *'fit for purpose'*
- Instrument inventories insufficient
- Finances often difficult to obtain
- New surgeons and/or new lists do not always bring new instrumentation
- Lack of control on schedules

# Why does this change happen?

- More complex surgery required when wound open = list and equipment change
- Emergency takes priority = list and equipment change
- No beds = list and equipment change
- Patient ate by mistake = list and equipment change etc, etc, etc

Main Theatres - CONFIDENTIAL

OPERATION LIST FOR FRIDAY 23rd JANUARY 2004

SURGEON	TIME	OPERATION (x-matched units)	G&S	Ward	Number
TH 1 EMERGENCIES pm	1.30	1)			
TH 2 MR DINNEEN all day list	8.30	✓ 1) Cystoscopy + bladder washout	✓	LW	01482894
		✓ 2) TURP	✓	SMA	00495331
		✓ 3) TURP	✓	SMA	01470068
		✓ 4) Nesbit procedure		RNM	00780142
		✓ 5) Right ureteroscopic stone extraction + / - JJ stent		RNM	01478978
		✓ 6) Ureteroscopic stone extraction / manipulation + left JJ stent		LW	01177031
		✓ 7) Reversal vasectomy		LW	01407967
		✓ 8) TURBT	✓	RNM	00825251
		✓ 9) Urethral dilation		RNM	00606903
		✓ 10) Complicated circumcision		RNM	01390380
		✓ 11) Cystoscopy + biopsy		RNM	01108553
TH 3 MR JON all day list	8.30	✓ 1) Revision of breast scars	SFO	RJ	00430789
		<del>2) Revision bilateral breast reduction + fat transfer</del>	<del>SFO</del>	<del>RJ</del>	<del>00055498</del>
		✓ 3) Change of dressing	SFO	RJ	01025529
		✓ 4) Rhinoplasty	SFO	ev RJ	01399764
		✓ 5) Liposuction to interscapular - neck liposcopy fat transfer to neural flap	SFO	RJ	00800338
TH 4 MR LUPTON am	8.30	✓ 1) Total abdominal hysterectomy	✓	ANZ	00665872
		2) ERPC	✓	ANZ	01455198
		<del>3) Hysteroscopy polypectomy + insertion of mirena</del>	<del>✓</del>	<del>ANZ</del>	<del>01488710</del>
		✓ 1) ERPC	✓	ANZ	01113572
		✓ 2) Hysteroscopy + D and C	✓	ANZ	01284510
TH 4 MR G. WILLIAMS pm	1.30	✓ 1) Hair restoration		SMA	01470904
TH 5 MS KATSARMA all day list	8.30	✓ 1) Swansong to right hand		RNM	00809650
		✓ 2) Revision left humerus stump bone shortening; advancement of loose tissue to cover stump		RNM	01474755
		✓ 3) Nerve graft to ulnar right hand			01327877
TH 6 MR GIBBONS am	8.30	✓ 1) Left extend unicompartamental knee replacement	HO	SCV	00591281
		✓ 2) Left shoulder-replacement <i>stabilization</i>	HO	RNM (3rd floor)	01410591
TH 6 TRAUMA pm	1.30	1)			
PRIVATE PATIENTS					
MR DINNEEN	17.00	1) Cystoscopy		CHE	01484006
MR MYERS	to follow	2) Change of dressing		CHE	01455961

# The Essential Relationships

- Time and staffing pressures
- Forecasted staffing shortages
- 1 in 5 school leavers needed



# The Users View

- Intense activity and throughput
- 50% extra activity to 2018

“Don’t care how it gets clean as long  
as it does”



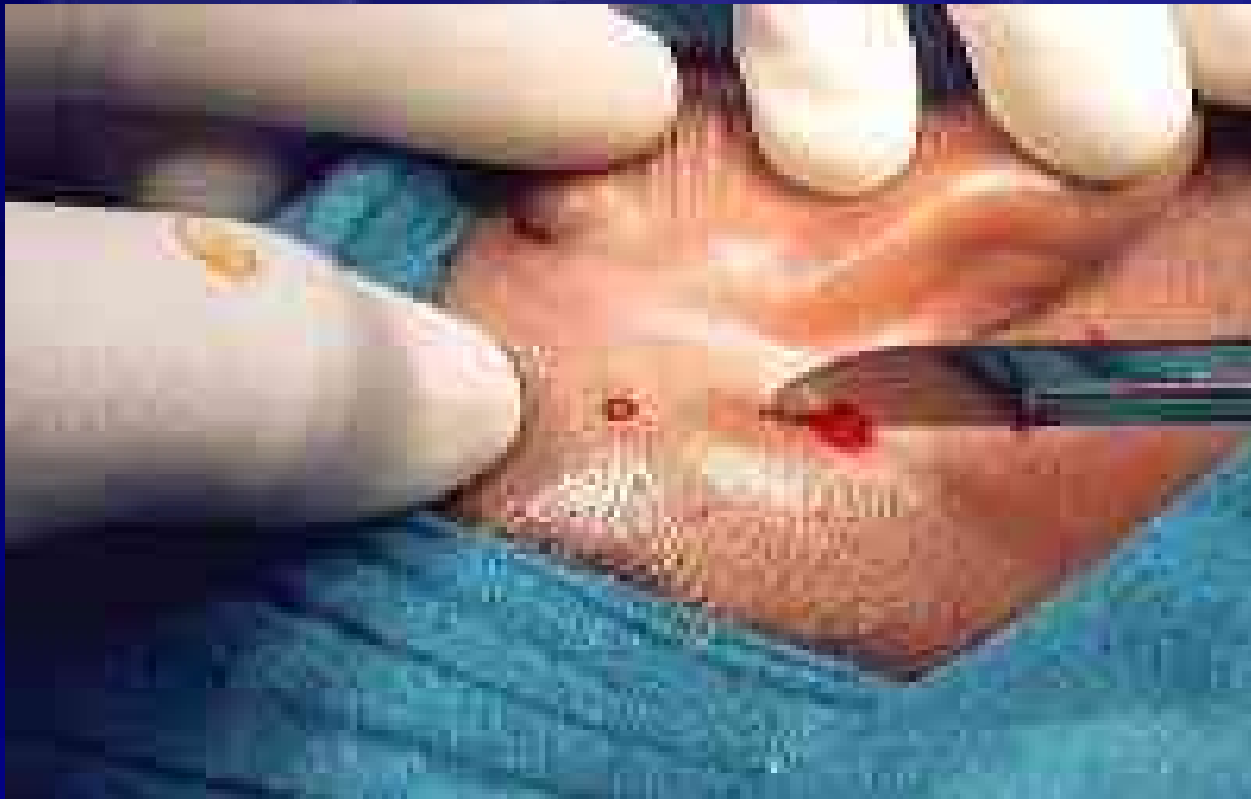
# Essential relationships -Perioperative staff

Fast track.....never fast enough



# Too late!

## The worst moment



**It is never sufficient for our needs**



Maximum weight  
of an instrument set  
in this Department is  
**13 Kilos**

# Sterile Services



# The Essential Relationship

- Flexible
- Expert bespoke/individual service
- Able to understand our users and our pressures
- Reachable
- Ensure instrumentation back on line with minimal delay

# The Essential Relationship

- Fast attention to repairs and non conformities
- Theatre users are provided with an update of changes in Sterile Services
- Users should tell Sterile Services what they need
- Mind readers



# The Essential Relationship- Executives/Management



# The Executives and Management

- Surgical capacity and activity
- The Risk/Governance issue



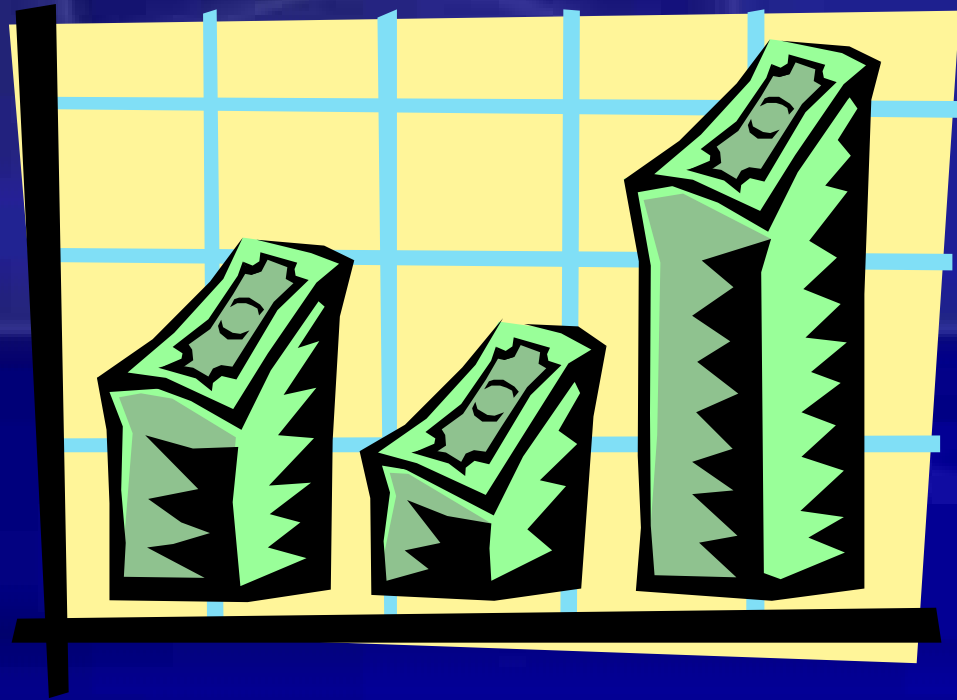
# The Devil is in the Detail

- Convincing the Executive/risk/management teams



# The Financial Challenge

€  
¥  
\$



# The Executives and Management

- No instruments - no surgery
  - No surgery - no income



What staff need....and often don't  
know what they need

## Training and Education





# The Essential Relationship -Medical Manufacturers

An important liaison for us

# Medical Manufacturers

- Asking us what we think
- Keeping up to date with what is new on the market and how it is decontaminated
- Keeping us up to date on new directives
- Product standards and literature



# Medical Manufacturers

- Help with business cases/bids
- Trade-in deals
- Deals on consumables
- Sale or return (expiry dates)

# Medical Manufacturers

- Supervision for first use of new instruments
- Be there for the surgeon's 'growing pains'

# Medical Manufacturers

- Operating instructions
- Decontamination instructions
- Disassembly/assembly
- Packaging details

# Medical Manufacturers

- What are the disposable alternatives?
- Deals
- Inform users the reasons for single use – some still don't believe it



# Loan sets



# LOAN PICK LIST

We are smith&snephew

Orthopaedics  
 Back & Hand  
 Healthcare Group  
 14, Winton Rd  
 Wokingham, Wokingham  
 Hampshire  
 RG40 3PS

Tel: 01256 341100  
 Fax: 01256 341199  
 www.smith-snephew.com

DELIVER TO	
CHRIS & WYMINSTER ROAD	
MAGGIE KOACH	
THE TRUS	
300 FULHAM ROAD	
LONDON	SW10 9SE

BRAND
PROFIX
PROCEDURE
ANS UPFACING PATELLA KIT

DATE: 25/04 PAGE: 1 OF 21

DELIVERY INSTRUCTIONS
****URGENT SAME DAY****

LOAN NO.	RMD DATE	SHIP DATE	OP. DATE	RIN. DATE	ACCOUNT	D. CIRT	STOCK
11613 - 0	14/01/04	25/02/04	27/03/04	20/04/04	08210		

TRAY ID	DESCRIPTION	TRAY/ITEM CODE	LOT NO.	CRB QTY	ALOC QTY
017	PROFIX INTERFACING INSET	4700100			
	G1 PATELLA DRILL GUIDE 1/4	0400		1	
	G1 PATELLA DRILL	0100		1	
	PRO TREAL OFFSET PATELLA 25MM	1102001		1	
	PRO TREAL INSET PATELLA 25MM	1102002		1	
	PRO TREAL OFFSET PATELLA 20MM	1102003		1	
	PRO TREAL INSET PATELLA 20MM	1102004		1	
	PRO PATELLA POLY OFFSET 25MM	1102005		1	
	PRO PATELLA POLY OFFSET 20MM	1102006		1	
	PRO PATELLA POLY OFFSET 25MM	1102007		1	
	PRO PATELLA POLY OFFSET 20MM	1102008		1	
	G1 CALIBER	1000		1	
	DR 1000 PWT DRILL BIT 1/4" DIA	040020		1	



CONTINUED ..

PICKED FROM	LOAN ON DEMAND 2 TRAYS WAREHOUSE	SIGNBD	<i>[Signature]</i>	DATE	25/2/04
-------------	----------------------------------	--------	--------------------	------	---------

Please return this document with the loaner. In receipt of the loaner this document is checked that you have received all items specified. If you have not received any item identified on this document please contact our Loan Services Department. When you have finished using the loaned items you are requested to return the loaner and return it with the loaner.

# The Essential Relationship

Liaising with  
Decontamination/Sterile  
Services Leads in  
Hospitals and Clinical  
Areas

# The Essential Relationship

Other key areas.....

...

Hat No.2



# The Essential relationships Endoscopy



That's not applicable to us...is it?



# The Essential relationships

## Endoscopy

- A safe working environment
- Adherence to national standards
- Compliant machinery
- Tracing and tracking
- Centralisation in house?

What staff need....and often don't  
know what they need

## Training and Education



# The Essential Relationship The Community



# The Community



What staff need....and often don't  
know what they need

## Training and Education



# Essential Relationships - The Decontamination Committee

- Endoscopy Staff
- Theatre Staff
- Estates Staff
- Infection Control Staff
- Risk Management
- Sterile Services



# Eggs and Bacon



# The Essential Relationship -Outsourcing

- New developments in England



# Outsourcing

- Larger instrument inventories
- The specialised or delicate instruments
- Loan sets?
- Traceability
- Links to the users
- Guaranteeing instruments

# Outsourcing

- Instrument hoarding?
- Local decontamination?
- Mini decontamination areas?

# October 1999 – coping with the major incident



# Learning from each other



# The Users View

## The Four Ps of Marketing

Patient\*

Product\*

Place\*

Price

Promotion

**We are here for patients**







The Essential relationship  
**Thank you**

# The Essential Relationships in Decontamination Services

Melanie.vanlimborgh@natn.org.uk

Set No: ORT9291

**A.O. DISTAL FEMORAL NAIL SET**

Date: 09/02/04

Issue No. 1

CAT No.	CONTENTS	No.	CHECK			
			SSU	Th 1 <sup>st</sup>	Th 2 <sup>nd</sup>	SSD
655.330	Vario Case with lid	1				
	<b>BOTTOM</b>					
357.122	Radiographic Ruler	1				
357.117	Hammer Guide for DFN	1				
393.100	Universal Chuck with T-Handle	1				
321.170	Pin Wrench $\varnothing$ 4.8mm	1				
357.380	Extraction Screw for UFN/DFN and Spiral Blade	1				
357.026	Eide Hammer 400g	1				
357.112	Insertion Handle for DFN	1				
357.116	Aiming Arm for Spiral blade Locking	1				
357.115	Aiming Arm for Standard Locking	1				
357.136	Connecting Screw for DFN	1				
	<b>TOP</b>					
357.791	Depth Gauge	1				
351.270	Drill Bit $\varnothing$ 13.0mm	1				
357.129	Guide Wire $\varnothing$ 3.2mm	3				
357.099	Drill Bit $\varnothing$ 4.9mm	1				
315.400	Drill Bit $\varnothing$ 4.0mm	1				
357.531	Drill sleeve 15.0/3.2	1				
357.133	Extraction Screw for AFN/DFN	1				
357.118	Protection Sleeve 11.0/8.0	1				
357.067	Drill Sleeve 8.0/6.0	1				
357.124	Drill sleeve 13.0/3.2	1				
357.098	Trocar $\varnothing$ 4.9mm	1				
357.123	Protection Sleeve 15.0/13.0	1				
314.280	Holding Sleeve, large	1				
314.750	Hexagonal Screwdriver $\varnothing$ 3.5mm	1				
357.132	Connecting Screw for Spiral	1				
357.520	Connecting Sleeve 17.0/15.0	1				
357.120	Spiral Inserter for Spiral Blade	1				

Packed In : Vario Case with Lid (Stainless Steel)  
Wrapped In : Heavy Duty Tray Wrap

Inspected & Assembled by: \_\_\_\_\_ Date: \_\_\_\_\_

Scrub Nurse Pre-Op \_\_\_\_\_ Date: \_\_\_\_\_

Scrub Nurse Post-Op \_\_\_\_\_ Th.No \_\_\_\_\_

Supplementary & Comments \_\_\_\_\_

What staff need....and often don't  
know what they need

## Training and Education



# Chelsea and Westminster Healthcare

NHS Trust

Chelsea & Westminster NHS Healthcare Trust, 369 Fulham Road London SW10 9NH  
**STERILE SERVICES DEPARTMENT**  
 Tel. 020 8746 8474 / 8475 Fax. 020 8746 8931

## CERTIFICATE OF DECONTAMINATION STATUS

Description of item(s):

To be returned to:

PLEASE TICK THE RELEVANT BOX AND FILL IN THE RELEVANT  
 DETAILS BELOW

<b>A</b>	<p>This equipment / item <b>HAS NOT</b> been in contact with blood, body fluids, tissues, respiratory gases, pathological samples or other biological or chemical hazards.</p>	<input checked="" type="checkbox"/>
<b>B</b>	<p>This equipment / item has been decontaminated in accordance with Department of Health Guidelines. The method of decontamination was:</p> <p><b>1)</b> Washing followed by disinfection at 90° for 1 min in AWD or UWD.</p> <p><b>2)</b> Manually cleaned in accordance with DeH manual cleaning protocol v.2</p>	<input type="checkbox"/> <input type="checkbox"/>

Signed: \_\_\_\_\_ Name (Printed):

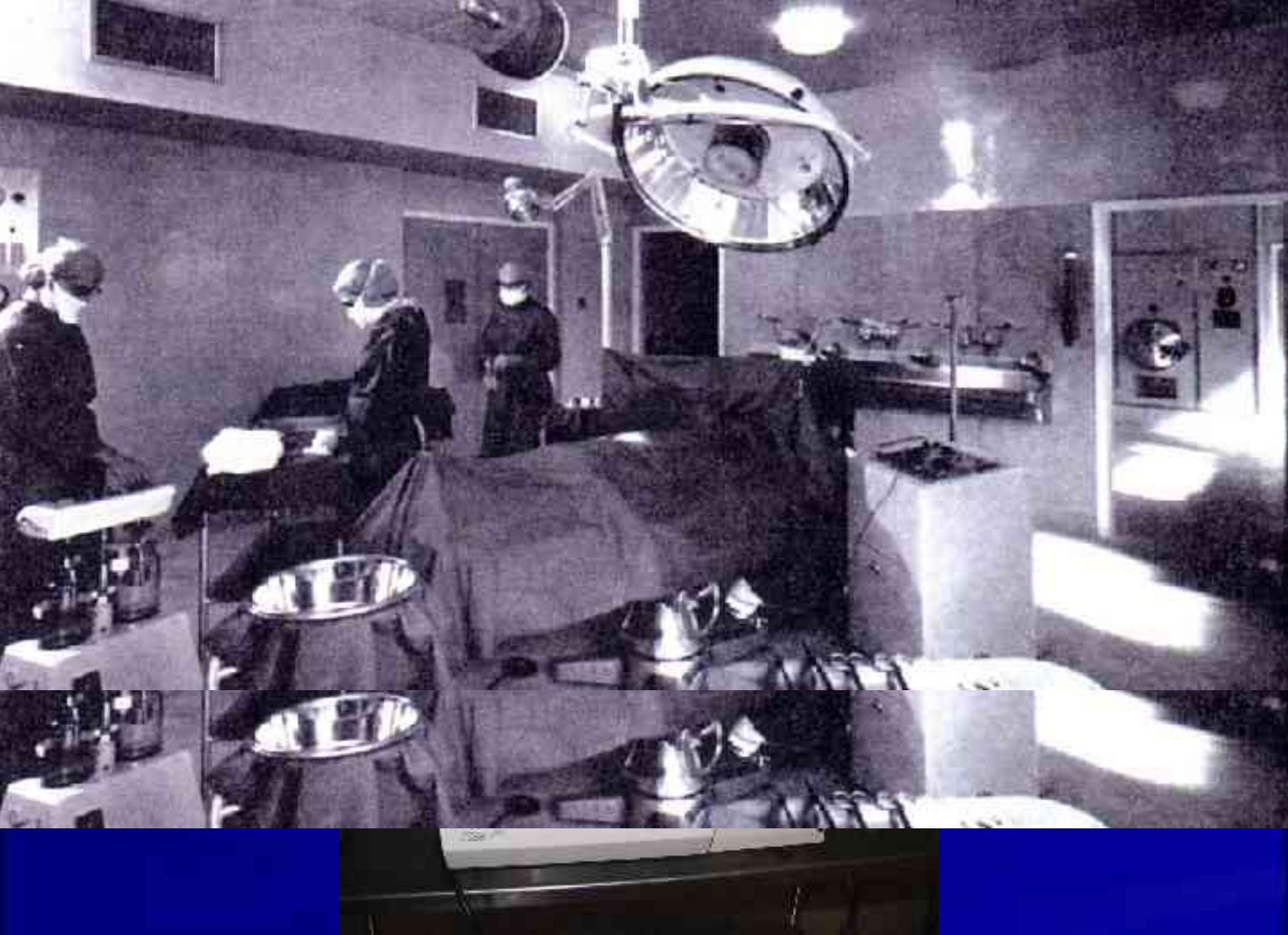
Date:

Designation:

BATCH CODE(S)	
------------------	--

# Helping the relationship –what is needed by the user?

- Access to colleagues doing similar work
- Keeping up to date – new technology
- Users meetings



# The National Association of Theatre Nurses

An essential relationship with the Institute  
of Decontamination Sciences





**PRE-PURCHASE QUESTIONNAIRE**

EXTENDED FORM PPQ – June 2003

Produced by NHS Purchasing and Supply Agency, Scottish Healthcare Supplies, Northern Ireland CSA Regional Supplies Service and Welsh Health Supplies in conjunction with the Association of British Healthcare Industries

This form is intended to supply prospective purchasers with information about equipment being considered for purchase. It is intended principally for prospective information on electrical medical, dental, ophthalmic and laboratory equipment. The form may also be used for other products, including non electrical items and to give information prior to equipment being supplied on line, in which case not all the questions will be relevant. These cover all electrical systems mentioned.

For name and completion by purchaser: <b>PPQ Master Reference:</b>	
If equipment is purchased privately or otherwise arranged on-line please fill in by the supplier: <b>Supplier's Reference:</b>	
Device/Model Type	Equipment Model
Country of Origin	Manufacturer
Supplier	Telephone No.
Site No.	Website

**CE MARKING**

1. a) Does the product carry the CE marking? YES  NO

b) If YES, to which CE Directive? YES

i) **Medical Diagnostic X-Ray Diagnostic Equipment (90/269/EEC)** YES

ii) **Medical Diagnostic X-Ray (90/42/EEC)** YES

If YES, state classification of device (1993/EEC) number (X)

iii) **in vitro Diagnostic Medical Devices (90/269/EEC)** YES

If YES, is the device: Free of leaching? YES  Unlikely to cause ill health? YES  List III? YES  NO

For (i) and (ii) above, Marked for use by or Not for use by, if applicable

iv) **EMC Directives (89/336/EEC) or corresponding (2002/95/EC)** YES

v) **Low Voltage Directive (90/269/EEC)** YES

vi) **Other Directive (if please specify):** \_\_\_\_\_

2. a) Is the product a 'not assessed device' (90/269/EEC)? YES  NO

b) Is the product assessed for 'essential requirements' (90/42/EEC) or 'performance evaluation' (90/269/EEC)? YES  NO

If YES (i) or (ii) above, state the device complies with the UK Medical Devices Regulations: YES  NO

**MANAGEMENT SYSTEM STANDARDS**

3. a) Is the manufacturer currently registered to any management system standards (e.g. ISO 9001, ISO 14001, ISO 13485)? YES  NO

If YES, please state the standard(s) and accreditation body: \_\_\_\_\_

b) Is the supplier's service and repair organisation currently registered to any management system standards? YES  NO

If YES, please state the standard(s) and accreditation body: \_\_\_\_\_

**SAFETY STANDARDS**

4. Do products meet CE marked (or CE marked) (i) or (ii) above with all the safety standard(s) identified below completely?

Standard	Test Name	Compliance Number	Date

**SERVICE / SPARES / INSTALLATION**

5. Is service/repair/ installation available? YES  NO  If YES (i) - please state service point: \_\_\_\_\_ (include contact name)

Please state: (EOL, N/A or N/A)	Full service/repairs:	Full training procedure:	Diagnostic certificate:
	Repair instruments:	Spare parts holding:	List of special tool/electrical components:

If YES, please state whether also available on: Day  Weekends  If Yes, please state address: \_\_\_\_\_

6. a) In addition to the service/repair information above, will training be required before equipment installed, purchased and provided?

(Please state EOL, N/A or N/A)	For the maintenance:	Collection:
	Planned post-installation maintenance:	Repair:

b) Is the supplier able to provide the training for the purchaser's own staff/party's technical personnel? Yes  No

If YES, will this be free of charge?  Or chargeable?

If NO, please indicate if a third party organisation can offer to provide the training, or a video is requested? YES  No

# The Circle of Life



**PRE-PURCHASE QUESTIONNAIRE**

EXTENDED FORM PPQ – June 2003

Produced by NHS Purchasing and Supply Agency, Scottish Healthcare Supplies, Northern Ireland CSA Regional Supplies Service and Welsh Health Supplies in conjunction with the Association of British Healthcare Industries

This form is intended to supply prospective purchasers with information about equipment being considered for purchase. It is intended principally for prospective information on electrical medical, dental, ophthalmic and laboratory equipment. The form may also be used for other products, including non electrical items and to give information prior to equipment being supplied on line, in which case not all the questions will be relevant. These cover all electrical systems mentioned.

For name and completion by purchaser: <b>PPQ Master Reference:</b>	
If equipment is purchased privately or otherwise arranged on the premises of the supplier: <b>Supplier's Reference:</b>	
Manufacturer Type	Equipment Model
Country of Origin	Manufacturer
Supplier	Telephone No.
Ref No.	URL

**CE MARKING**

1. a) Does the product carry the CE marking? YES  NO

b) If YES, to which CE Directive? YES

i) **Medical Diagnostic X-Ray Diagnostic Equipment (90/269/EEC)** YES

ii) **Medical Diagnostic X-Ray (90/42/EEC)** YES

If YES, state classification of device (1993/EEC) number (X)

iii) **in vitro Diagnostic Medical Devices (90/269/EEC)** YES

If YES, is the device: Free-standing? YES  Connected to another CE marked item? YES  YES  NO

For (i) and (ii) above, Marked for use by or for patient body, if applicable

iv) **EMC Directives (89/336/EEC) or corresponding (2004/108/EC)** YES

v) **Low Voltage Directive (90/269/EEC)** YES

vi) **Other Directive (if please specify):** \_\_\_\_\_

2. a) Is the product a 'not assessed device' (90/269/EEC)? YES  NO

b) Is the product assessed for 'essential requirements' (90/42/EEC) or 'performance evaluation' (90/269/EEC)? YES  NO

If YES (i) or (ii) above, state the device complies with the UK Medical Devices Regulations: YES  NO

**MANAGEMENT SYSTEM STANDARDS**

3. a) Is the manufacturer currently registered to any management system standards (e.g. ISO 9001, ISO 14001, ISO 13485)? YES  NO

If YES, please state the standard(s) and accreditation body: \_\_\_\_\_

b) Is the supplier's service and repair organisation currently registered to any management system standards? YES  NO

If YES, please state the standard(s) and accreditation body: \_\_\_\_\_

**SAFETY STANDARDS**

4. Do products meet CE marked CE (1989) (i) or (ii) above with all the safety standard(s) identified in table comply?

Standard	Test Name	Compliance Number	Date

**SERVICE / SPARES / INSTALLATION**

5. Is service/repair/ installation available? YES  NO  If YES (i) - please state service price: \_\_\_\_\_ Include contact name: \_\_\_\_\_

Please state: (YES, NO or N/A)	Full service agreement	Full training procedure	Diagnostic certificate
	Repair instructions	Spare parts list	List of special tool/electrical components

If YES, please state whether also available on: Day  Weekends  If Yes, please state address: \_\_\_\_\_

6. a) In addition to the service/repair information above, will training be required before equipment installed, purchased and provided?

(Please state: YES, NO or N/A)	For the maintenance	Collection
	Planned purchase or maintenance	Repair

b) Is the supplier able to provide the training for the purchaser's own staff/party's technical personnel? YES  NO

If YES, will this be free of charge?  Is this possible?

If NO, please indicate if a third party organisation can offer to provide the training, or a video is requested? YES  NO

# NHS Estates Training in England

- A important part of reducing risk



# The slow track is not acceptable

## LONDON'S TIMES

By Rick London

Illustrated by Alan Rogers



**Meanwhile at the finish line of the  
snail marathon olympics**

# The Challenging Environment



# Hot topics

- Tray wrap issue
- Wet loads (particularly on loan sets)

# Hot topics

For your representatives.....

Ensure theatre awareness training  
for non-theatre qualified  
representatives



# The Essential Relationship The Community





ULNAR  
HEAD  
INSTRUMENT

STERILE  
INSTRUMENT  
TRAY

EV3CU

# Helping the relationship - what is needed by the user?

Compliance to and understanding of:

- National/international recommendations
- Standards
- Warning notices
- Understanding of liability