



Traceability and UDI in the Robert Ballanger Hospital

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Summary

- Presentation of the Robert Ballanger Hospital
- Traceability of Sterilized Medical Devices in the Robert Ballanger Hospital



Robert Ballanger Hospital

- Intercity hospital serving a population of 400,000 persons
- 650 beds
 - 450 beds in acute care (medical, chirurgicall and maternity)
 - 200 psychiatry beds
- Outpatient clinic and pharmacy inside Villepinte detention center
- CDG airport hospital



Sterilization unit

- 120 000 sterilized devices per year
- 20 000 surgery boxes per year

Definition

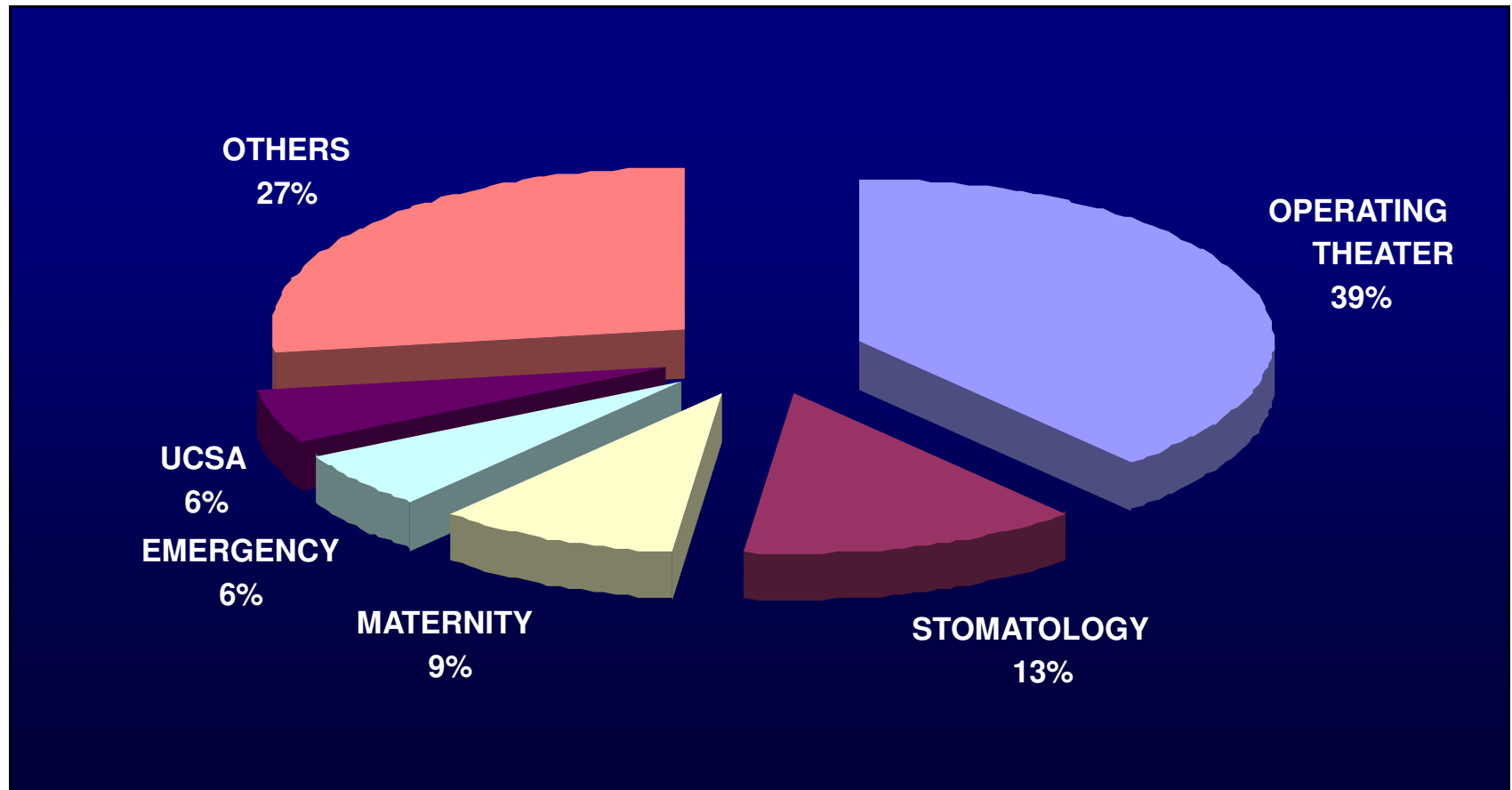


Iridectomy scissors
1 product = 1 instrument

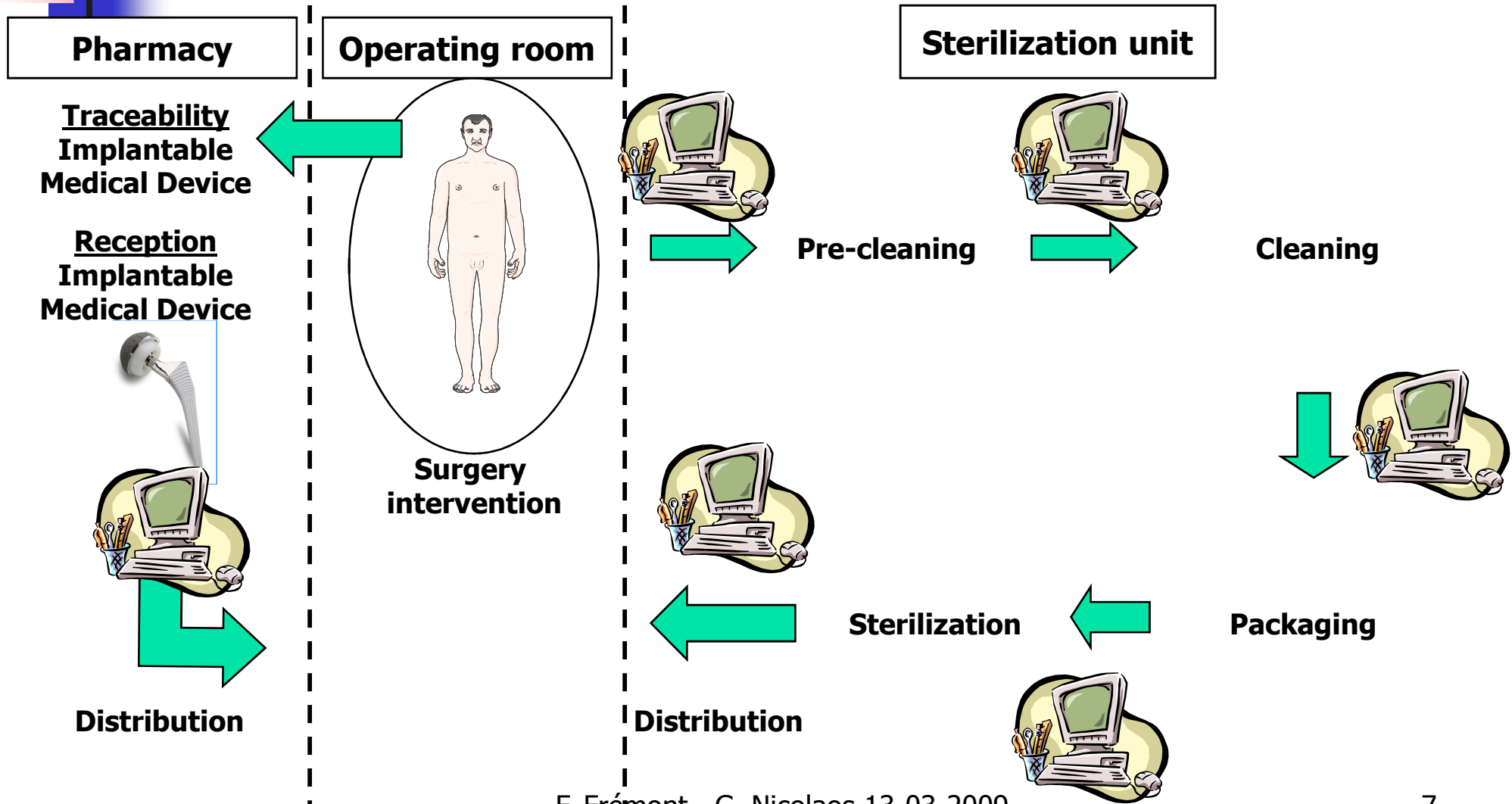


Parodontology Set
1 product = 13 instruments

Repartition of the activity of the sterilisation unit

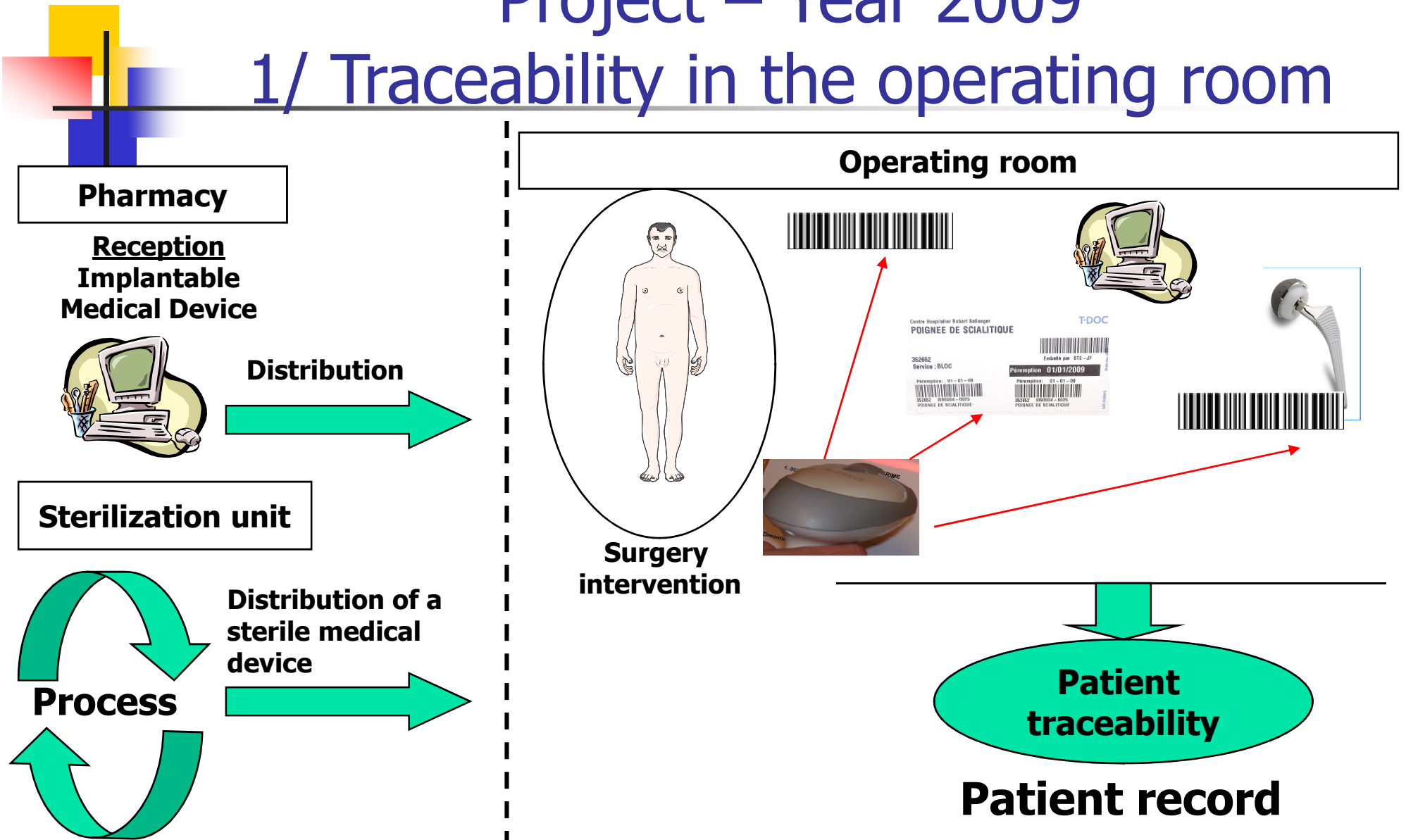


Traceability in 2008



Evolution of Traceability Project – Year 2009

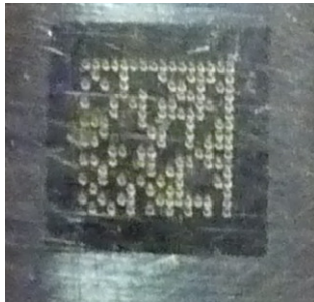
1/ Traceability in the operating room



Evolution of Traceability Project – Year 2009

2/ Traceability of Individual Sterile Medical Device

Dot-Peening



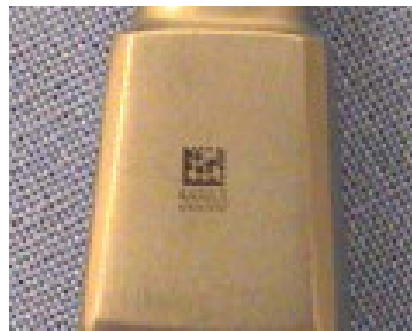
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**Can be made in
the sterilization unit**

-

**Corrosion
Problem of Reading
Difficulty with the tagging**

DATAMATRIX Laser



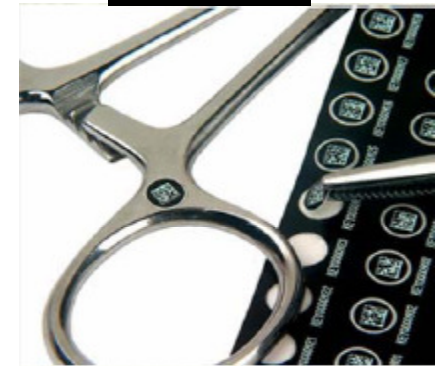
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**Industrial tagging
Easy reading
Industrial treatment
of instrument**

-

Time to tag Devices

Infodot



+

**Easy and fast tagging
Cost**

-

**Deterioration faster
than the others**

Evolution of Traceability Project – Year 2009

2/ Traceability of Individual Sterile Medical Device

The Robert Ballanger Hospital choice

DATAMATRIX		2009	2010	2011
INFODOT	Clinical services	7000	All	
LASER	Operating theater	4000	3000	All



DATA MATRIX « Infodot »

Tooth extraction set



Code contained in this infodot



articles n° de série

Fichier Editer Naviguer Visualiser Action Aide

*N° de série 🔍

Article 🔍

Produit en série Code barre

Info Propriétaire Fournisseur User fields Remarque

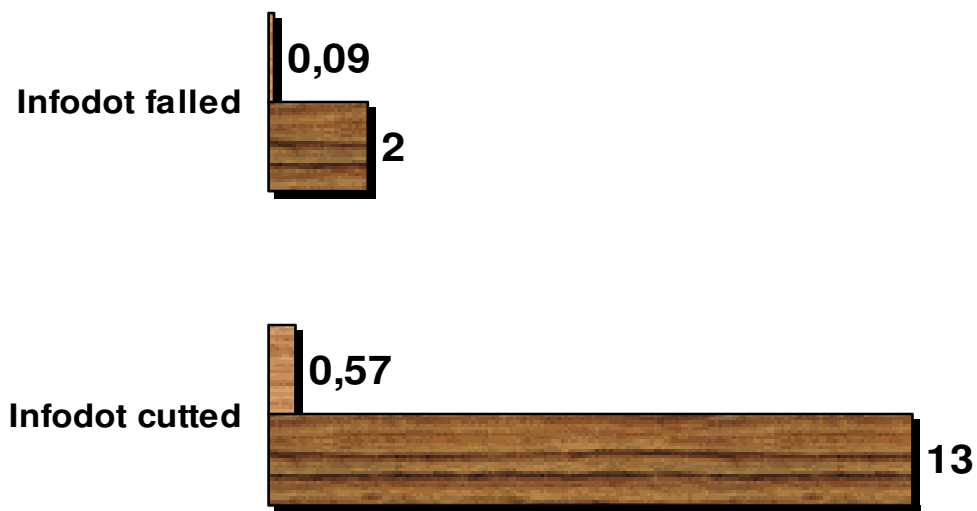
Emplacement Statut
 Normal
 À supprimer
 Supprimé

Emplacement

Créé 19/02/2009 04:09:50, changé 19/02/2009 04:09:50 par STE-MT

Stomatology

1171 instruments tagged



■ %
■ Number

On 729
products
returned
= 2293
instruments

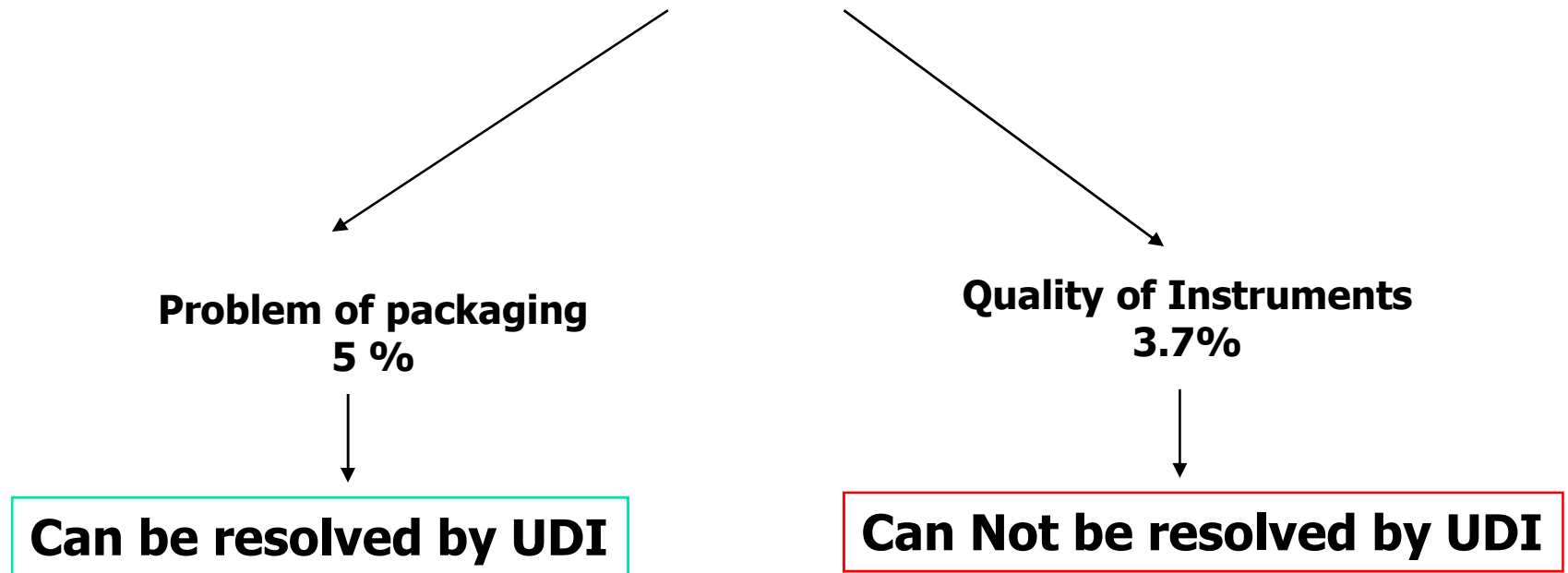


DATA MATRIX LASER

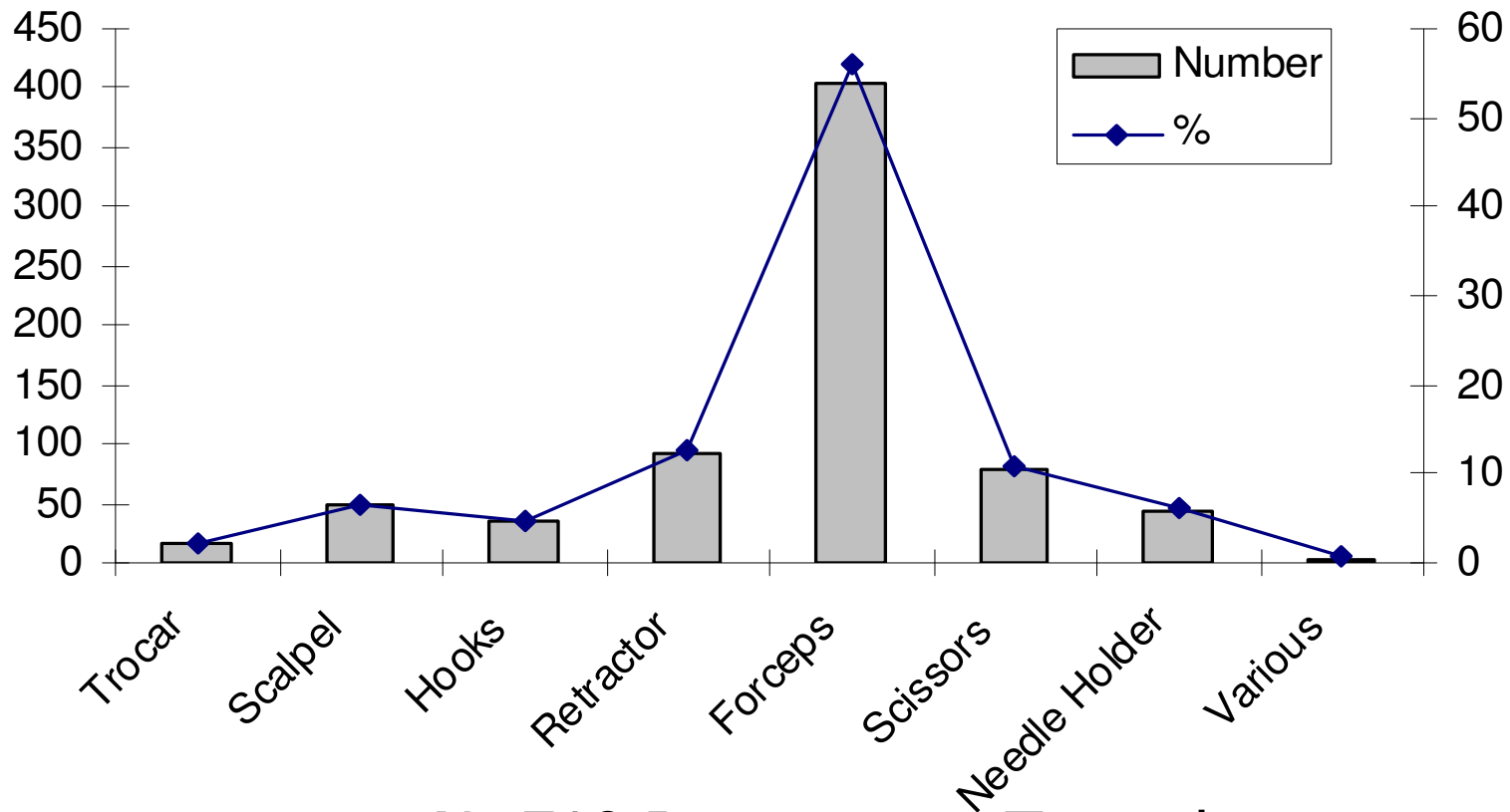


No conformity of surgical sets

8.7% of No Conformity



Kind of Tagged Instruments



N=719 Instruments Tagged

F. Frémont - G. Nicolaos 13-03-2009

Laser Data Matrix 2D barcode New instrument



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*N° de série

Article BOUGIE HEGAR SIMPLE N°6

Produit en série Code barres

Info Propriétaire Fournisseur User fields Remarque

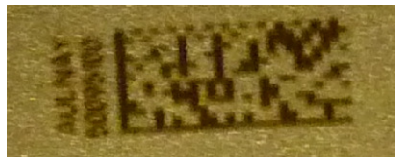
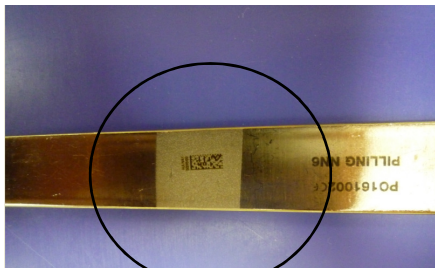
Emplacement Statut

Emplacement

Normal
 A supprimer
 Supprimé

Créé 10/02/2009 16:58:03, changé 10/02/2009 16:58:03 par JM

Laser Data Matrix 2D barcode Used instrument



articles n° de série

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*N° de série TPO161000-0009 🔍

Article TPO161000 🔍 ECARTEUR FARABEUFF PM

Produit en série ETP01610-0001 Code barres 01036616970000002150095700

Info Propriétaire Fournisseur User fields Remarque

Emplacement Cond. ART-Série

Emplacement

Statut

- Normal
- A supprimer
- Supprimé

Créé 13/03/2009 08:24:19, changé 13/03/2009 08:38:10 par STE-NG



Logistic data

- 360 instruments can be tagged a week
- 100% of codes were readable when they were tested after their laser marking
- >99% are readable in the sterilization unit
 - It is impossible to adapt the scanner parameters during the production



Conclusion

- First results show the easiness of the logistic of tagging
- Laser 2D barcodes are practically all readable and it is possible to tag small instruments