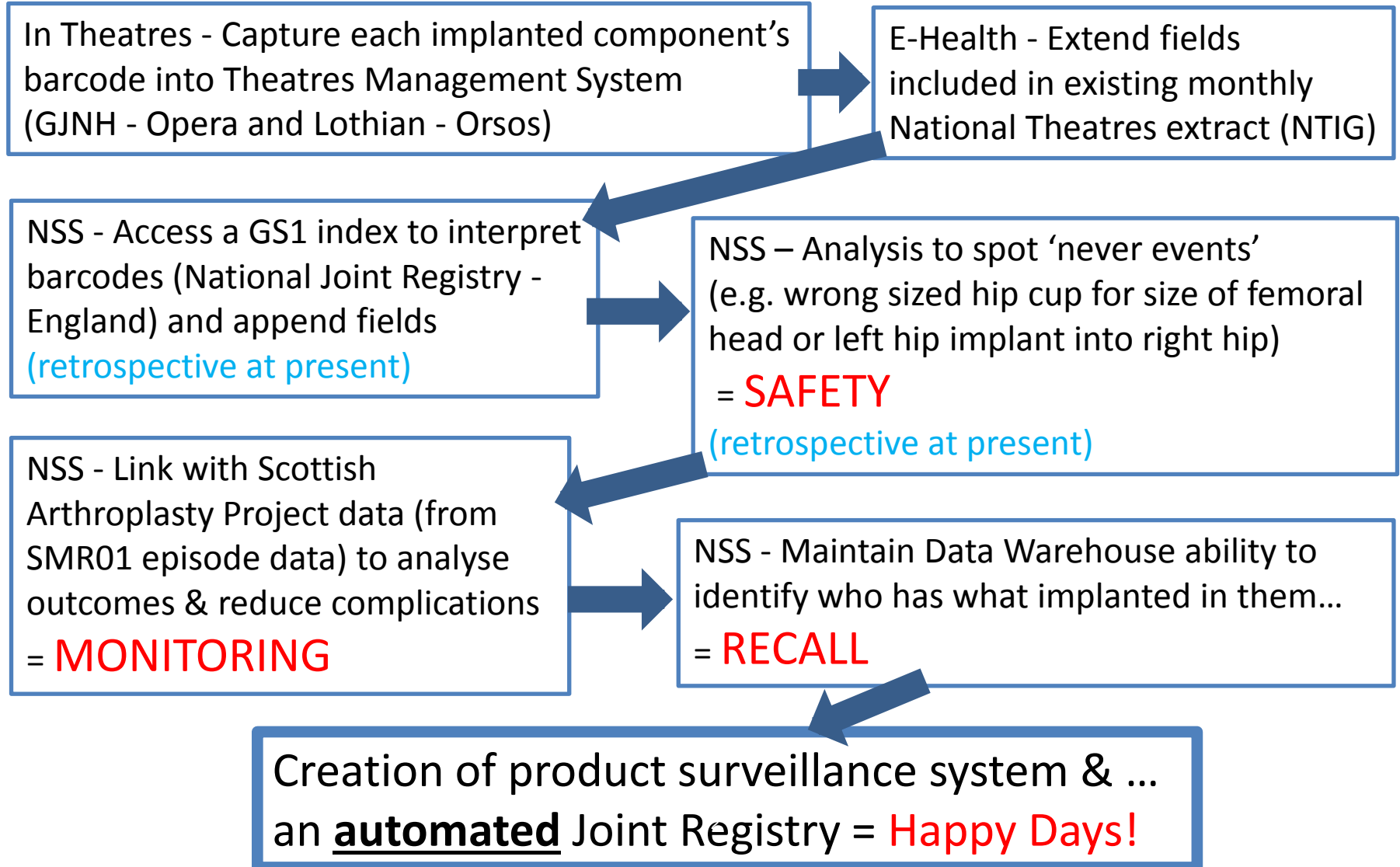# Unique Device Identifiers

Safety, Monitoring & Recalls

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Proof of Concept - Orthopaedics

KEEP IT SIMPLE!

In Theatres - Capture each implanted component's barcode into Theatres Management System (GJNH - Opera and Lothian - Orsos)

E-Health - Extend fields included in existing monthly National Theatres extract (NTIG)

NSS - Access a GS1 index to interpret barcodes (National Joint Registry - England) and append fields (retrospective at present)

NSS – Analysis to spot 'never events' (e.g. wrong sized hip cup for size of femoral head or left hip implant into right hip)
 = SAFETY
(retrospective at present)

NSS - Link with Scottish Arthroplasty Project data (from SMR01 episode data) to analyse outcomes & reduce complications
= MONITORING

NSS - Maintain Data Warehouse ability to identify who has what implanted in them…
= RECALL

Creation of product surveillance system & … an **automated** Joint Registry = Happy Days!

NHS SCOTLAND

Next Steps…

- Develop full orthopaedic pilots with Lothian, Lanarkshire, GJNH and GG&C… then add other specialties

- Develop functionality for live look-up in theatre to check components and prevent 'never events' (Powergate?)

- Determine how, where & who will create and **maintain** a GS1 compliant look-up index file for **all** components for **all** medical devices

- Align, but don't confuse the aims of … Safety, Monitoring & Recall with Stock Control/Materials Management

  - A component opened, scanned and dropped on floor isn't still in Stock but it isn't Implanted in the patient

- Roll-out live to all other Boards and all specialties

A personal plea!

I am migrating away from SG and Scotland…… but this project needs to fly.

You can help make it happen…