

# Cancer Outcomes and Services Dataset

Head and Neck Clinical Leads Workshop  
18<sup>th</sup> May 2011

Trish Stokes, NCIN

# Cancer Datasets

## - Sept 2012

- Cancer Registration Dataset – *mandated for several years*
- Going Further on Cancer Waits – Jan 2009
- Radiotherapy – April 2009
- *Chemotherapy (SACT) – April 2012*
- *Diagnostics Project – April 2012*
- *Recurrent Breast Cancer – April 2012*
- **Cancer Outcomes and Services Dataset – Sept 2012**
- *(RC Pathology – Professional/Clinical Standards)*
- *(RC Radiology – Professional/Clinical Standards)*
- National Audits

# COSD features

- The new national cancer dataset
- Secondary uses
- Components
  - Core (Registration and Cancer Waits)
  - Site specific (cf nat audit)
  - Key pathology (core RCPATH)
- Monthly submission
- Monthly feedback
- Aligned and standardised
- Multiple data sources

# COSD Dataset

Dataset Section	COUNT
<b>Core (with additions)</b>	<b>143</b>
Breast	30
CNS	16
Colorectal	30
CTYA	66
Gynae	41
Haematology	60
<b>Head &amp; Neck</b>	<b>44</b>
Lung	19
Sarcoma	16
Skin	70
Upper GI	166
Urology	30
<b>COSD</b>	<b>731</b>

COSD

CANCER REGISTRY

NATIONAL REGISTRY DATABASE  
(CSOD DATASET)

N3 Network or other approved transmission medium

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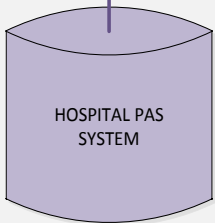
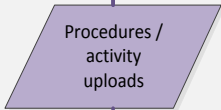
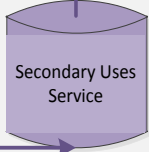
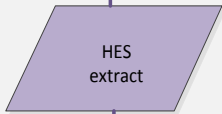
Data store



Fully structured /  
coded



Data flow



Acute Trust / Cancer Centre



CANCER REGISTRY

NATIONAL REGISTRY DATABASE  
(CSOD DATASET)



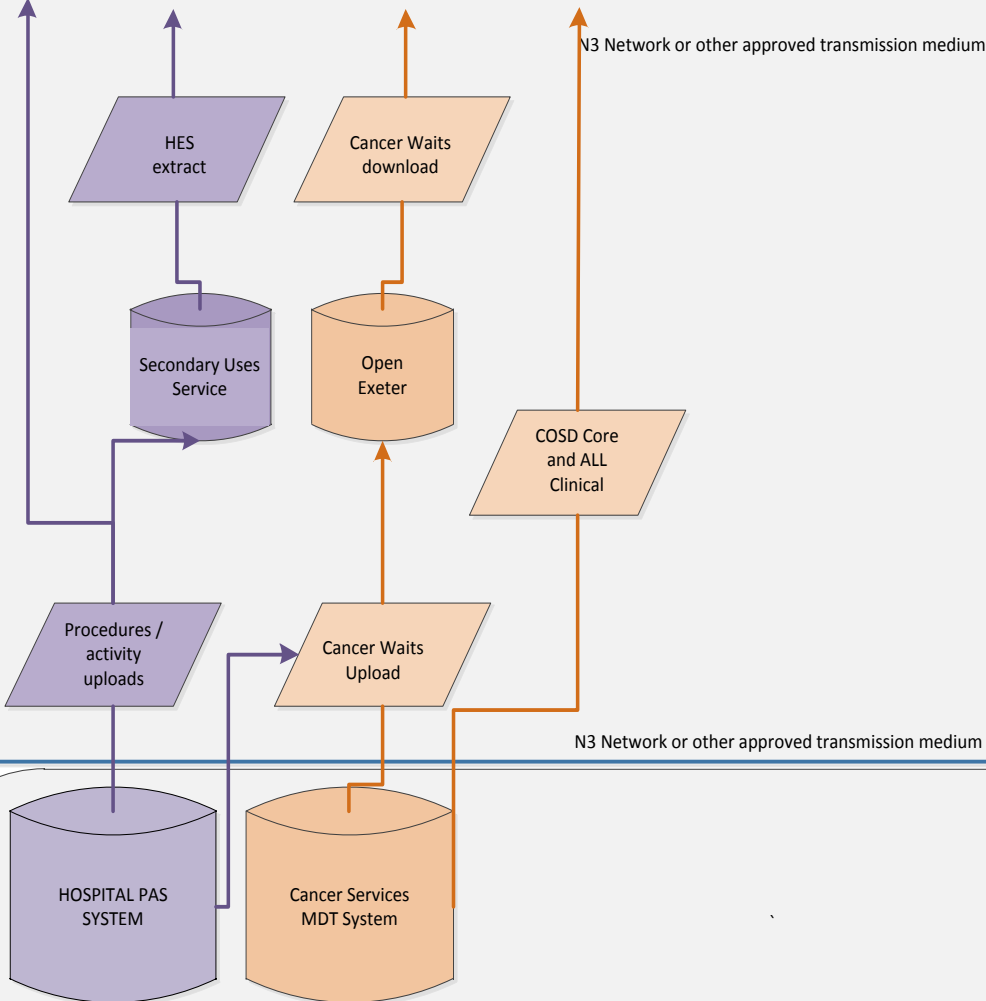
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Data flow



CANCER REGISTRY

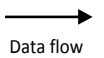
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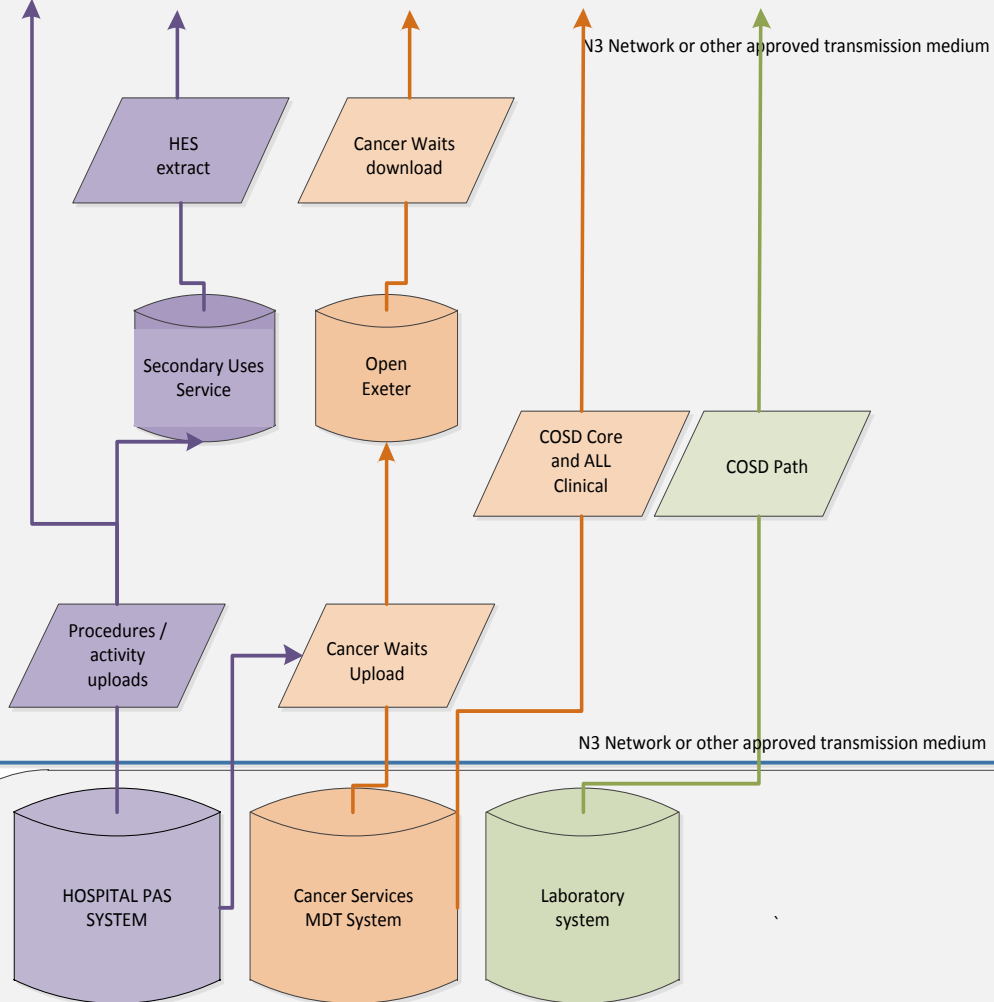
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Data flow



CANCER REGISTRY

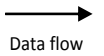
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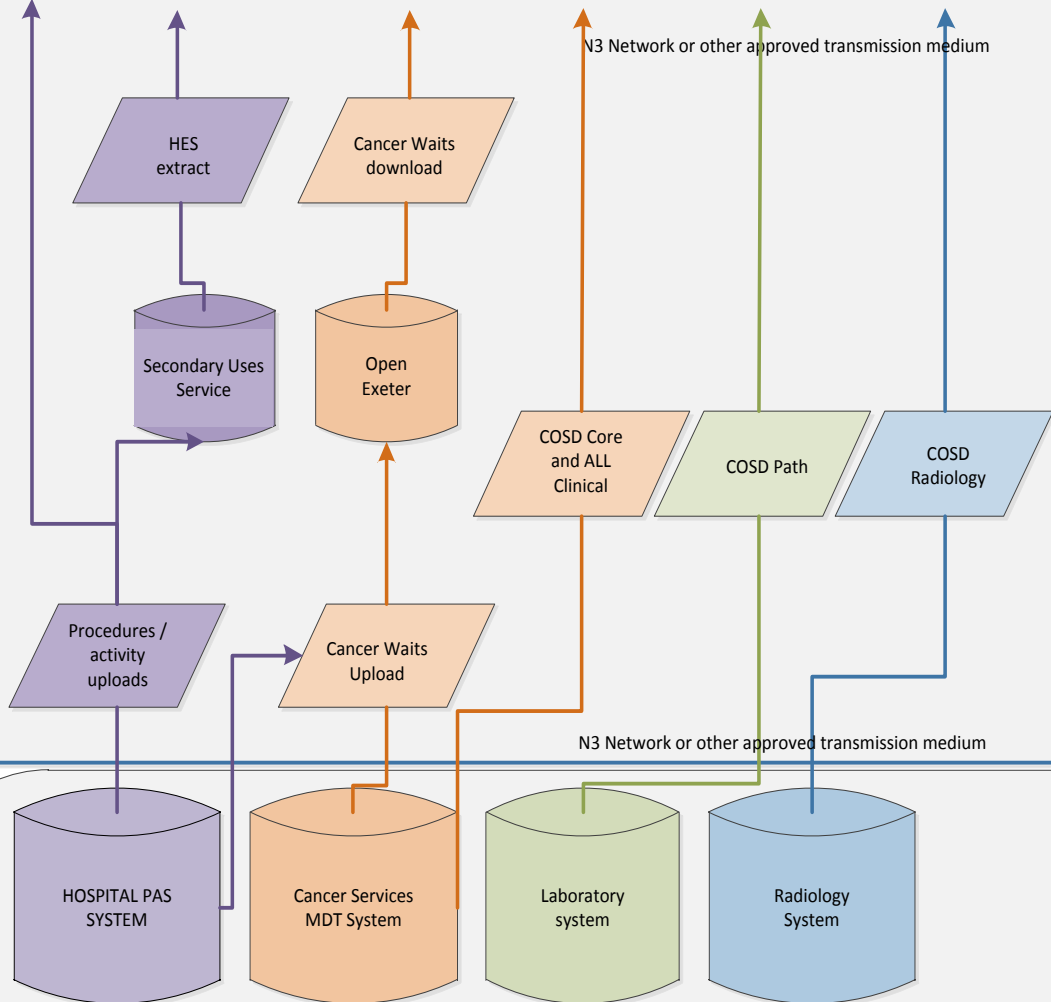
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Data flow



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CANCER REGISTRY

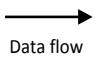
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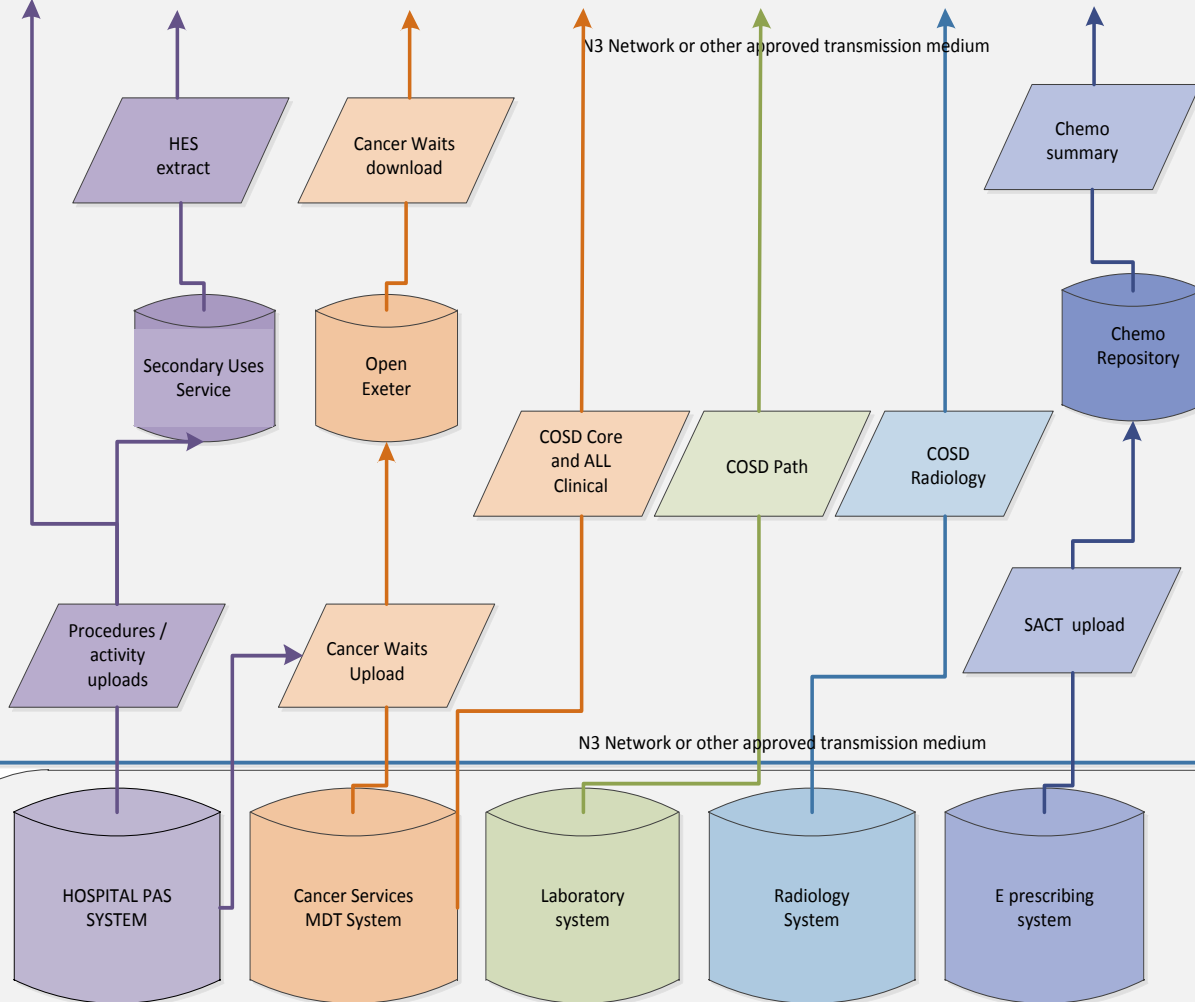
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Data flow



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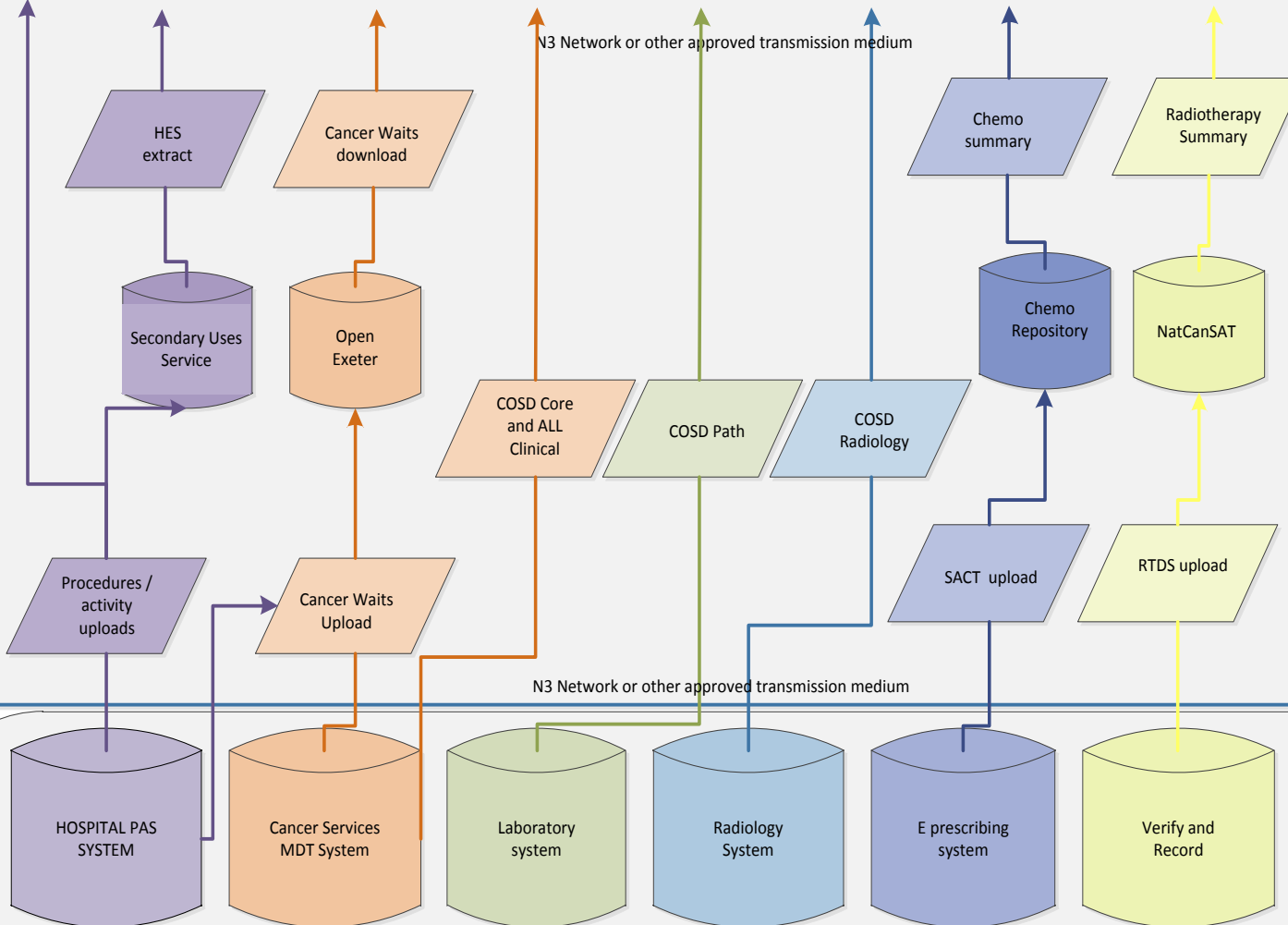
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CANCER REGISTRY

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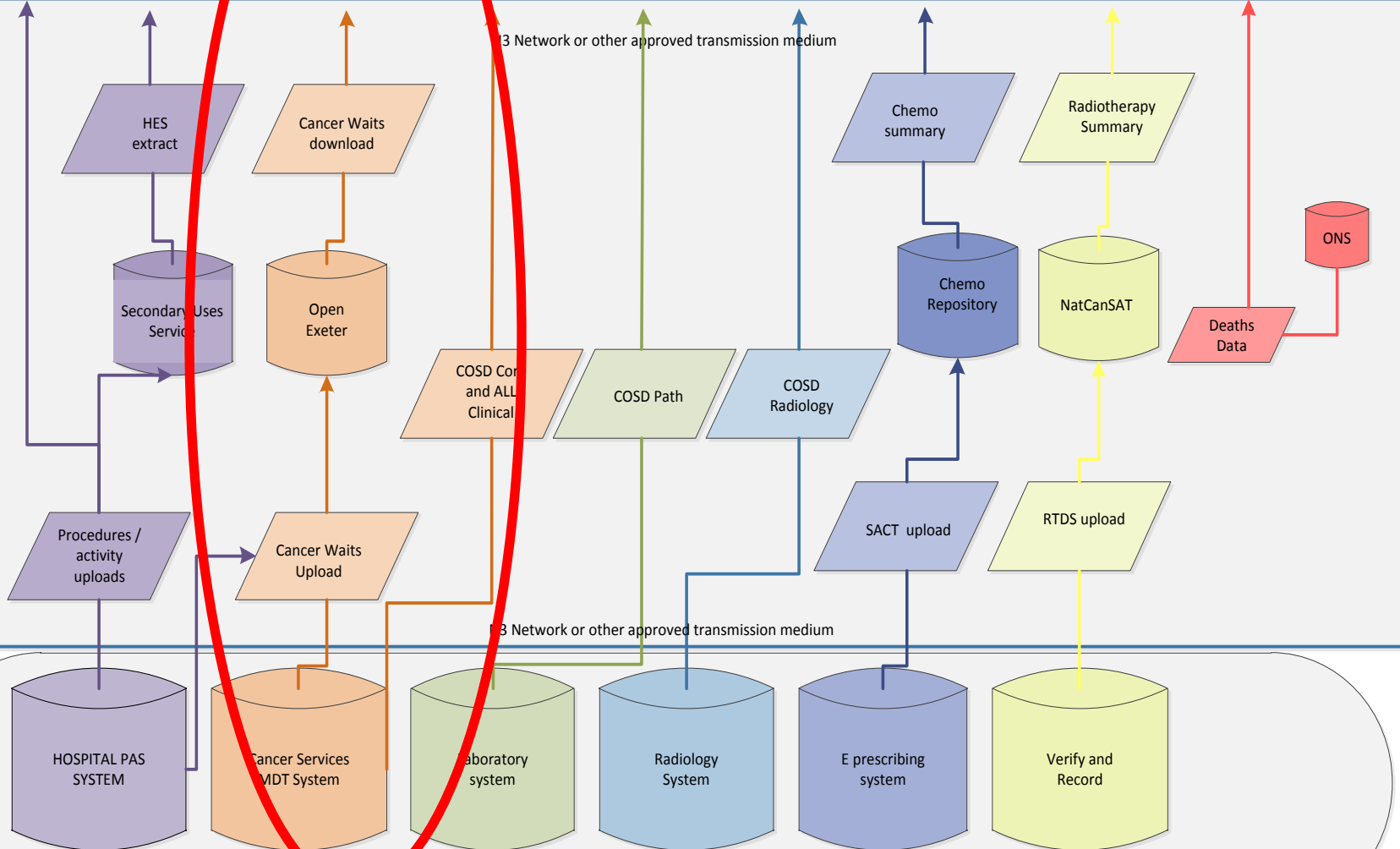
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Fully structured / coded



Data flow



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# The last twelve months

- Core dataset reviewed
- Additional core items identified
- Site specific datasets agreed by Clinical Reference Groups
- First draft COSD dataset
- MDT Software Suppliers Day
- Work begun with RC Pathologists and RC Radiologists on clinical content
- Definitional testing (incl key path for staging)
- Open consultation

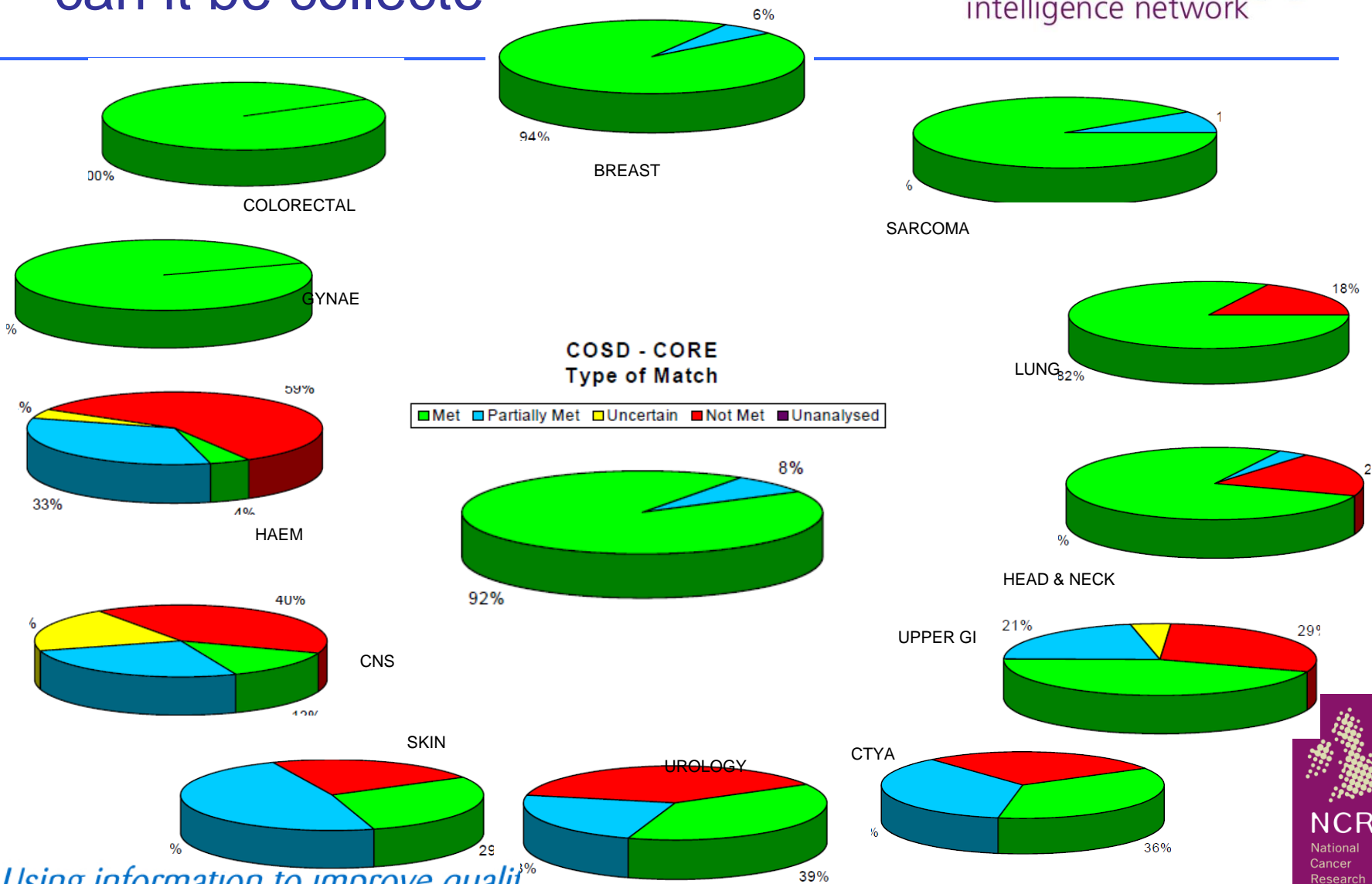


# Definitional testing – general feedback

- Support for
  - cohesive and consistent dataset
  - clear and comprehensive guides
- Concerns
  - increased burden of collection
  - need for clinical involvement

# A mixed bag

## - can it be collected?



Using information to improve quality & choice

# Definitional testing reports – are the data items collected?

Number of COSD Head and Neck Data Items 30  
Number of sites that submitted information 1

Evidence of Collection		%
Total Evidence of Collection*	24	80%

\*Including all categories

Strength of Collection *	No. Data Items	%
Strong	1	3%
Medium	0	0%
Weak	23	77%
No evidence	6	20%
<b>TOTAL NO. DATA ITEMS</b>	<b>30</b>	<b>100%</b>

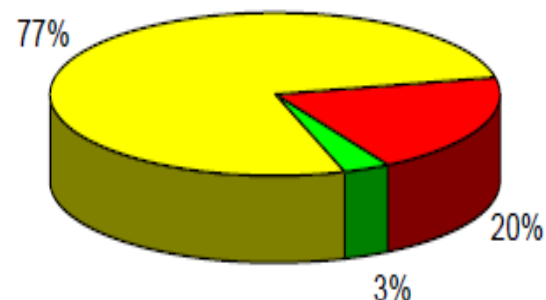
\* Site opinion of collection strength

## SYSTEMS USED

Somerset Cancer Register

## COSD - HEAD AND NECK Strength of Collection

Strong Medium Weak No evidence





# Site specific issues

## Hard to collect items

- **Post treatment assessment**
  - CONTACT DATE (DIETICIAN INITIAL)
- **Nutritional support**
  - PATIENT ESTIMATED NORMAL WEIGHT
  - PATIENT OBSERVATION (WEIGHT)
  - DATE WEIGHT MEASURED
  - PERSON OBSERVATION (HEIGHT)
  - DATE HEIGHT MEASURED
- **Pathology**
  - MACROSCOPIC EXTRAGLANDULAR EXTENSION

## From annual to monthly collection

- Change to processes?

## Referrals to specialist centres

- Who collects what?
- Experience from DAHNO audit?

## RCPath core dataset

- Free text to structured reports?

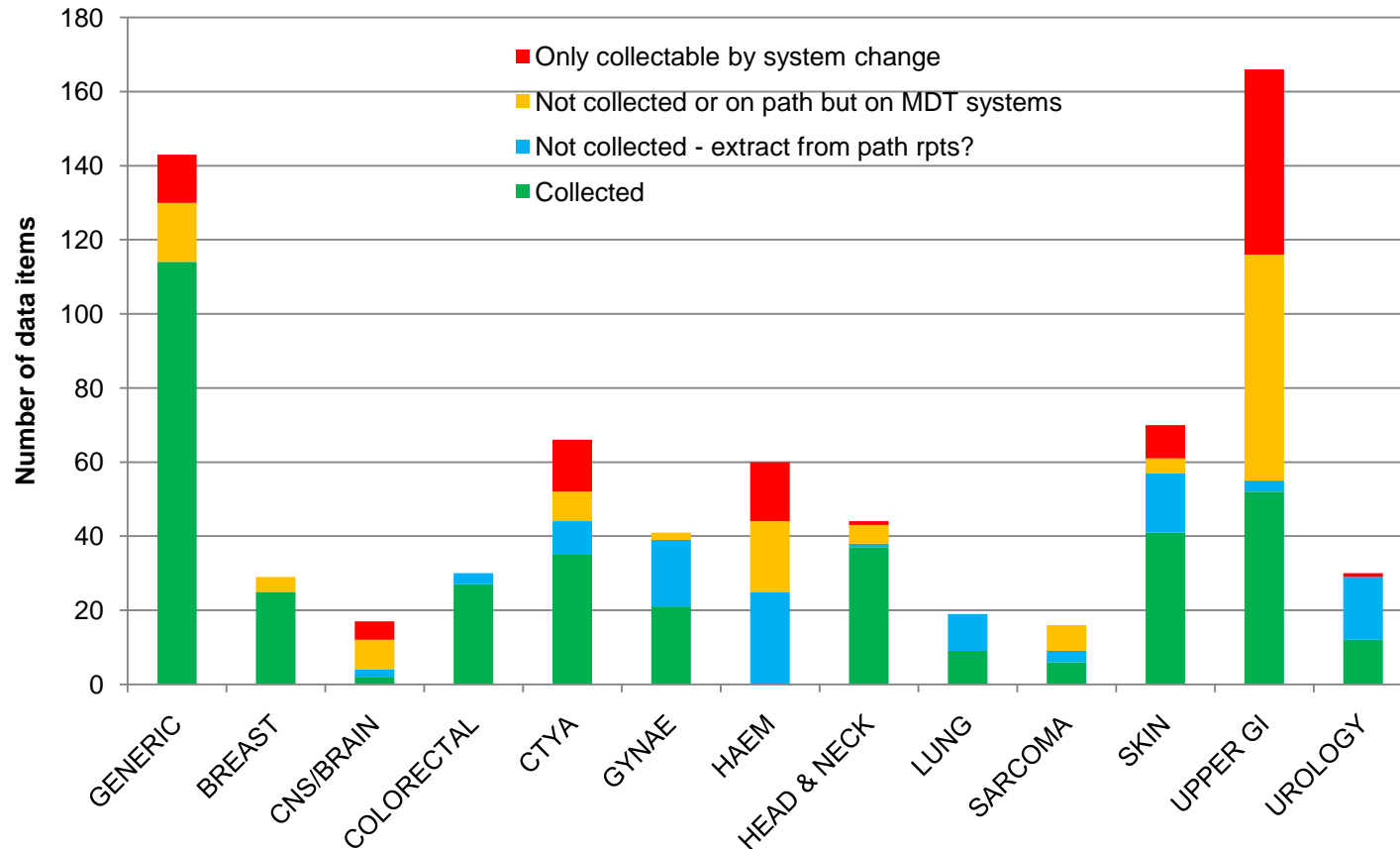
# Consultation feedback

- 90 responses in total
- Head & Neck – 3 responses
  - Clarification issues

# Phased implementation – which approach

- By Trust?
- By Tumour site?
- By data item?

# Implementation - State of readiness



*Using information to improve quality & choice*



# Phased implementation

- Phase 1: Sept 2012:
  - Collected now (or on path reports) - but monthly
- Phase 2: Sept 2013?
  - Could be collected – changes to process (items on MDT software)
- Phase 3: Sept 2014?
  - Further work needed - Changes to process and software
- All Head & Neck and generic items in Phase 1?

# Useful links



NCIN

[www.ncin.org.uk](http://www.ncin.org.uk)

[trish.stokes@nhs.net](mailto:trish.stokes@nhs.net)

[Driley@nhs.net](mailto:Driley@nhs.net)

NHS Information Centre (dataset)

[Datasets@ic.nhs.uk](mailto:Datasets@ic.nhs.uk)