

Cancer Outcomes and Services Dataset

Head and Neck Clinical Leads Workshop
May 2012

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Datasets Programme Manager NCIN

New Datasets - Chemotherapy

- Systemic Anti Cancer Therapy (SACT)
 - From April 2012 – 2 year implementation
 - Cancer Chemotherapy
 - E prescribing/MDT systems
 - Adult and paediatric
 - Solid and haematology
 - Monthly submission
 - Clinical signoff

New Datasets - Imaging

- Diagnostic Imaging Dataset (DID)
 - From April 2012
 - Access to diagnostic tests
 - All imaging on RIS
 - Monthly submission
 - Direct from RIS systems
 - No results

New Datasets - Pathology

- RCPATH Minimum Datasets
 - From 2011
 - Professional standards
 - Reaccreditation process
 - No submission
 - Free text reports

Other datasets

- Radiotherapy
 - website – provider activity
 - Cancer Registry – ‘fact of radiotherapy’
 - Developing ‘Treatment Summary Analytical Extract
- Cancer Waits
 - Revised dataset from July 2012
 - Aligned with COSD
 - ICD10 Edition 4 from April 2012
 - XML Submission from Autumn 2012

Cancer Registration Modernisation Programme

- To provide ‘timely’ comprehensive
 - Data collection and quality assurance
 - over the **entire** cancer care pathway for
 - all patients treated in England (& UK)
- Resource for
 - patient care, treatment variations
 - quality, safety and performance management
 - audit, research and outcome analyses
- Increased focus on:
 - Stage, radiology, standard datasets, timeliness

Modernisation of Cancer Registration

- By 2013 all 8 English Cancer Registries to be using one single database system:
 - Reduce duplication
 - Data along patient pathway (inc rec/mets)
 - Using national data feeds e.g. GFoCW, HES, RTDS
 - Multiple Local data sources eg MDTs, pathology systems
 - Increased timeliness
 - Regular 'progress' reports to MDTs/trusts

Cancer Outcomes and Services Dataset

- The new national cancer dataset
 - Updated, aligned and standardised
 - Definition of items, codes and values
 - Sources (CWT, RTDS, SACT, Trust extracts)
 - How to send it (XML schema)
 - Compilation into a single dataset (cancer registration)
- The new Cancer Registration dataset
 - Compiled dataset (assembled by Registries)
 - Defines data for direct submission by Trusts
 - All registerable conditions (eg in situ MM, benign brain tumours)
 - Wider than CWT – patient pathway for all cases

CANCER REGISTRY

KEY



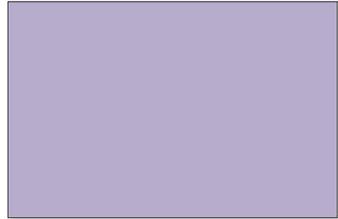
Data store



Fully structured / coded

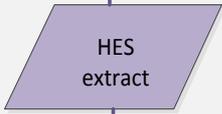


Data flow



NATIONAL REGISTRY DATABASE
(COSD DATASET)

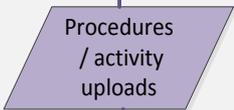
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HES
extract

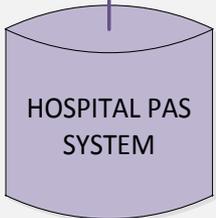


Secondary
Uses Service



Procedures
/ activity
uploads

N3 Network or other approved transmission medium



HOSPITAL PAS
SYSTEM

Acute Trust / Cancer Centre

CANCER REGISTRY

KEY



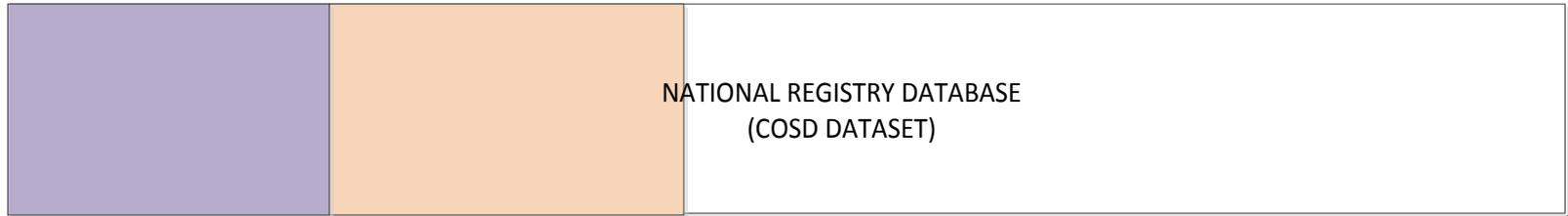
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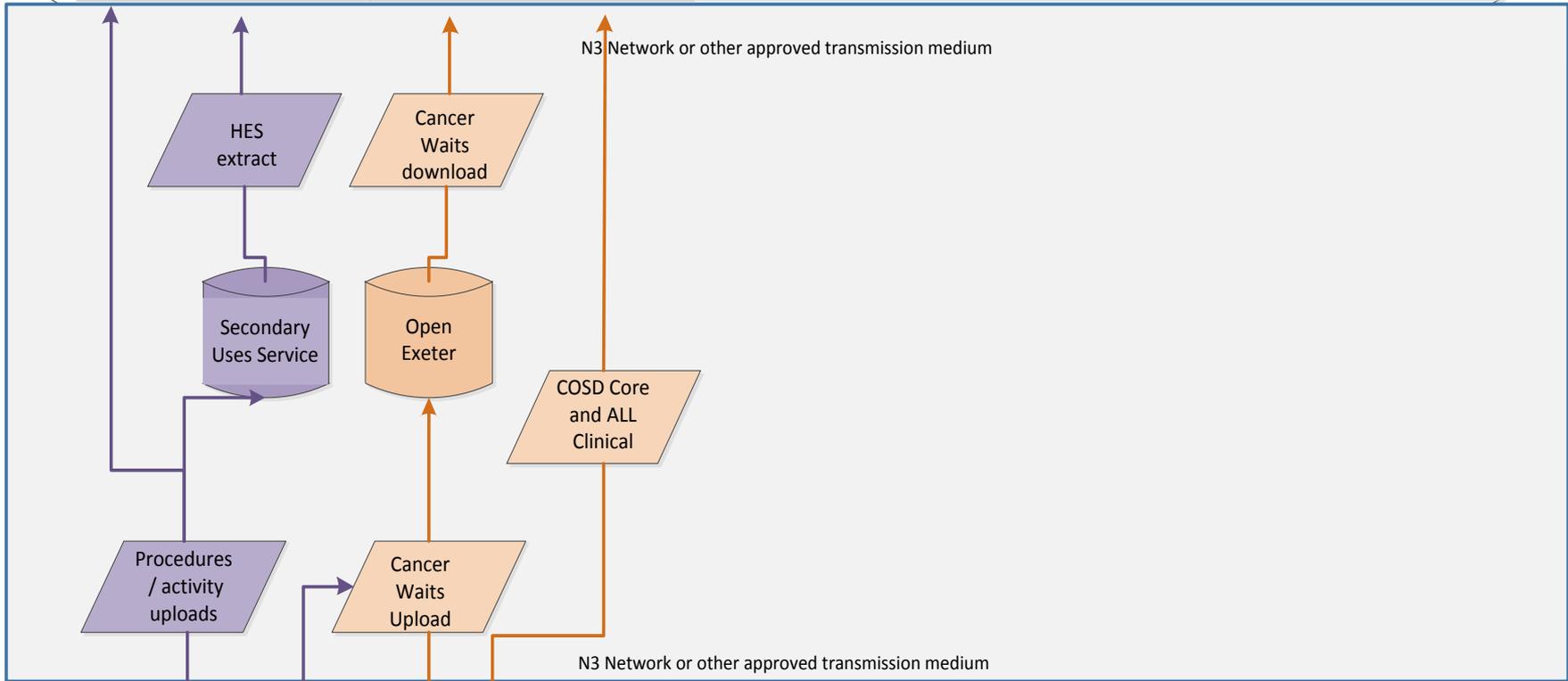
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Data flow

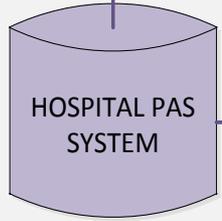


NATIONAL REGISTRY DATABASE
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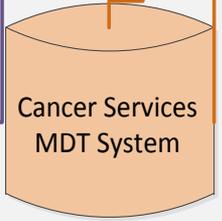


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HOSPITAL PAS SYSTEM



Cancer Services MDT System

Procedures / activity uploads

Secondary Uses Service

HES extract

Cancer Waits Upload

Open Exeter

Cancer Waits download

COSD Core and ALL Clinical

CANCER REGISTRY

KEY



Data store



Fully structured / coded



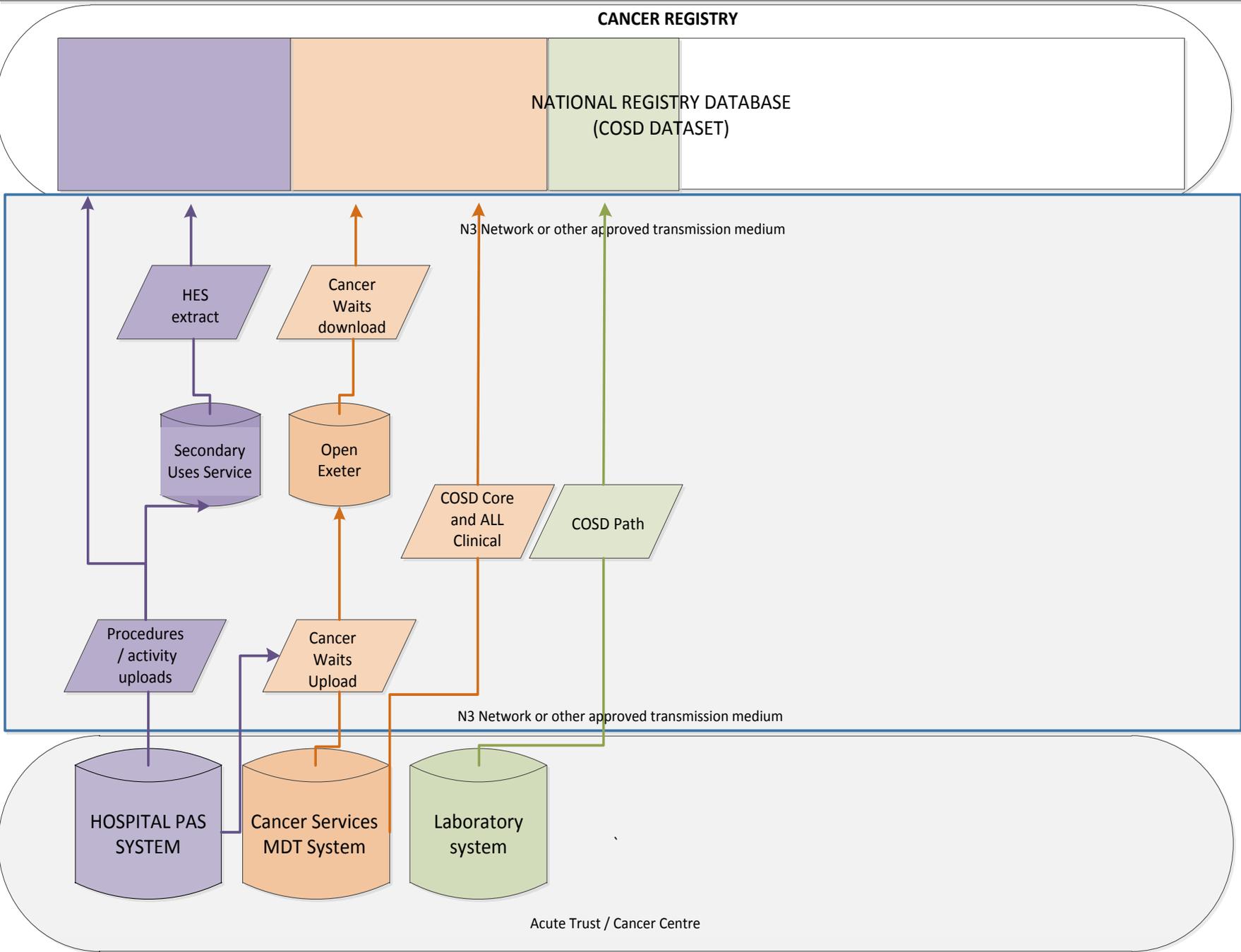
Data flow

NATIONAL REGISTRY DATABASE
(COSD DATASET)

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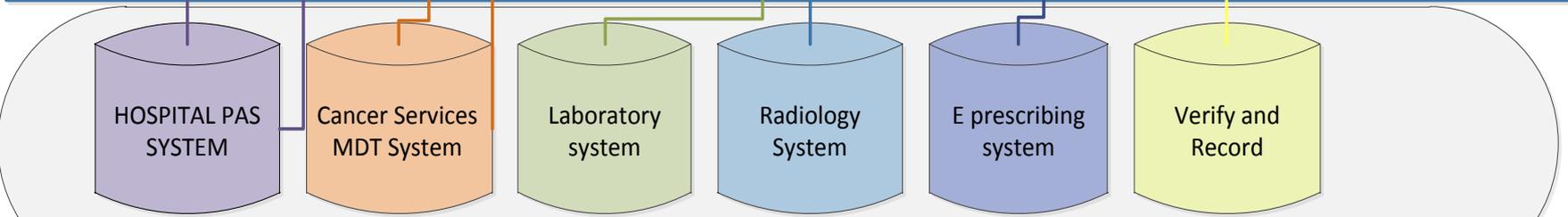
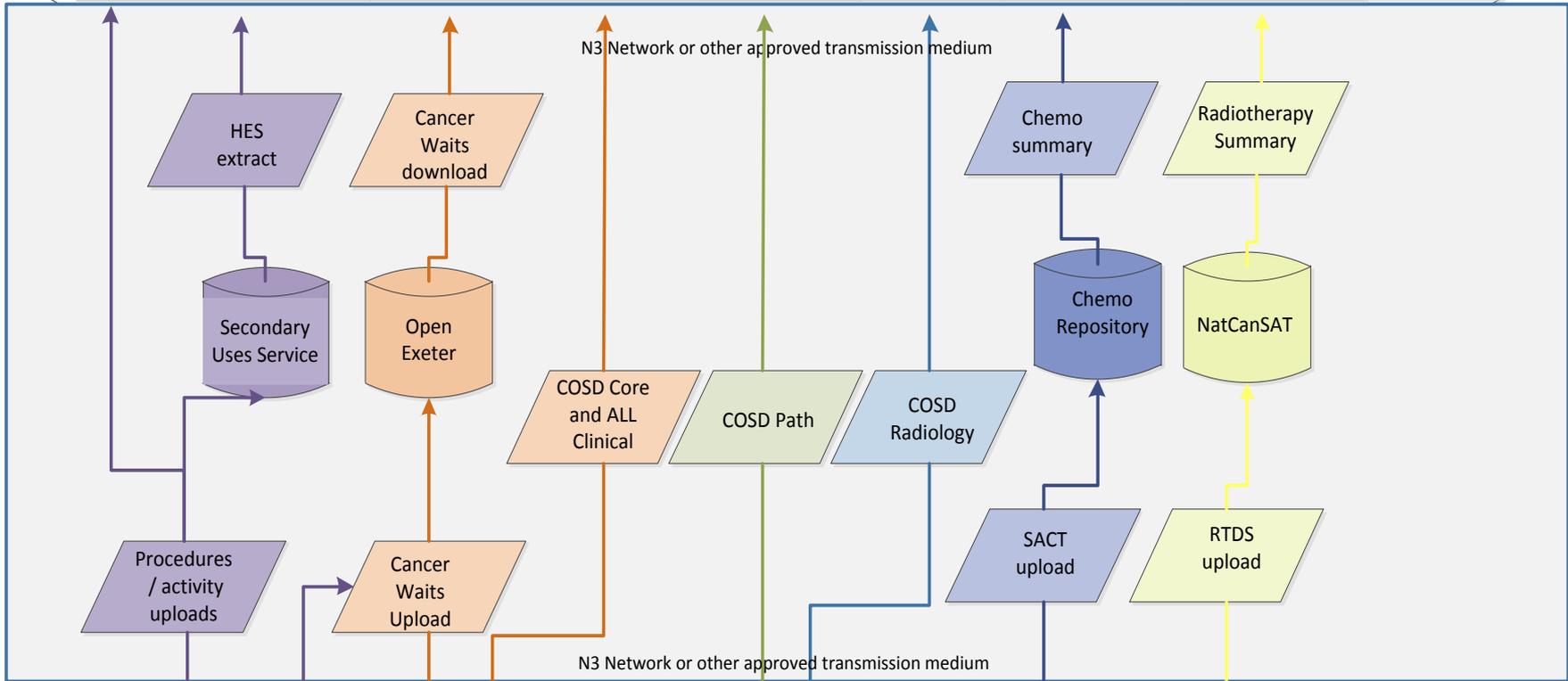
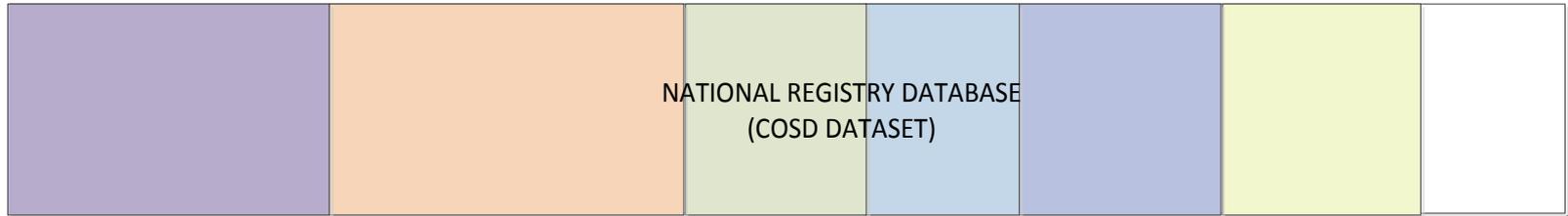
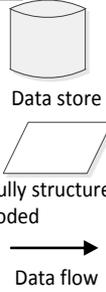
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Acute Trust / Cancer Centre



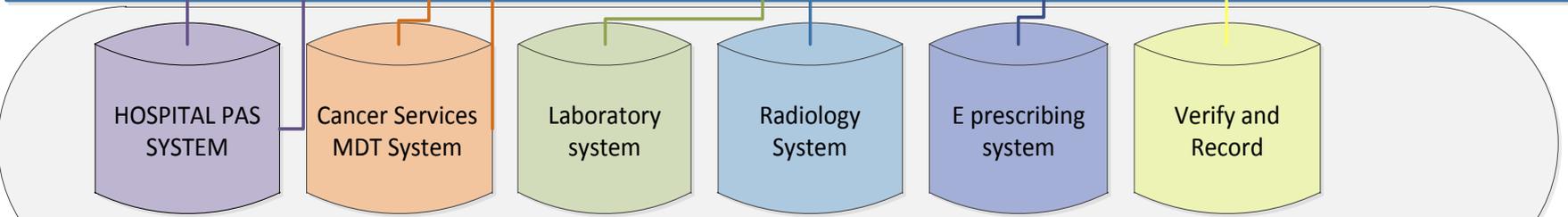
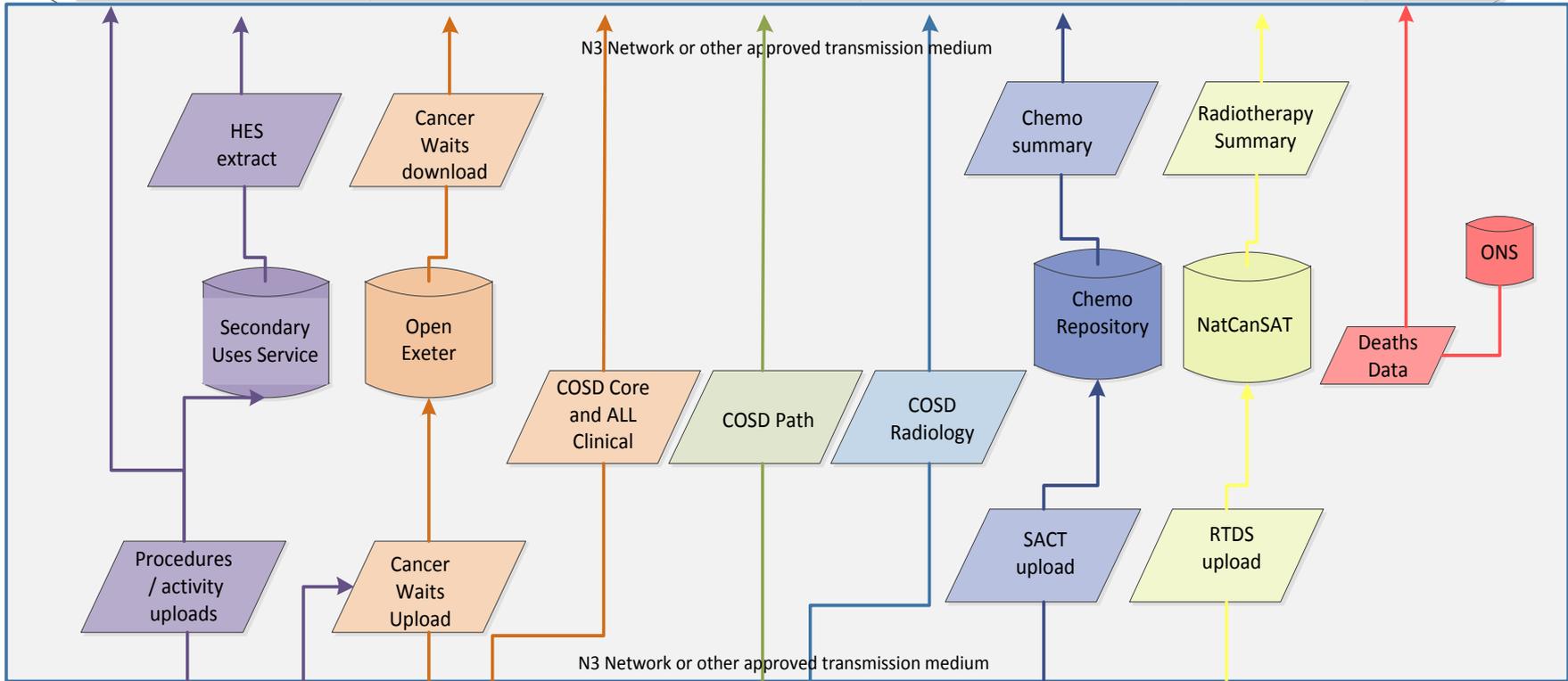
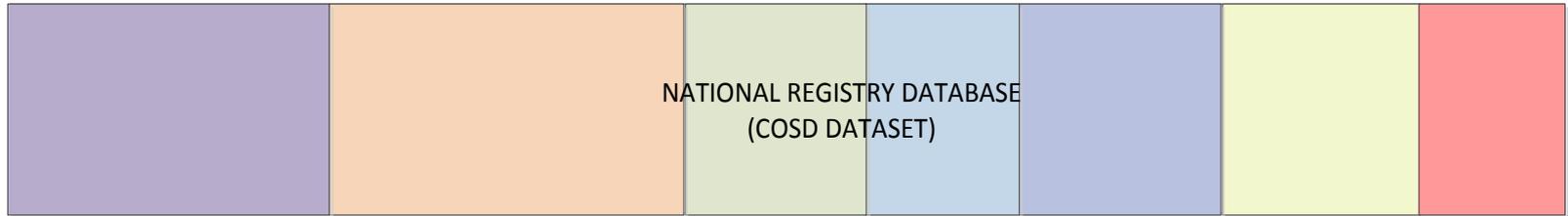
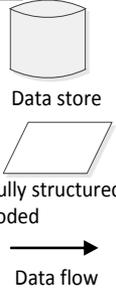
CANCER REGISTRY

KEY



CANCER REGISTRY

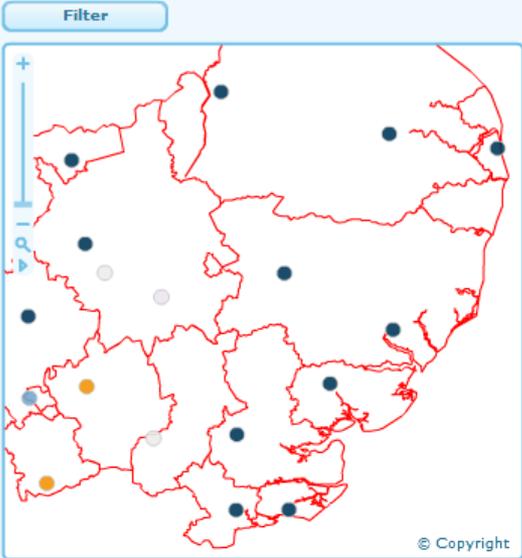
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Features of COSD

- Components
 - Core (Generic Registration and Cancer Waits)
 - Site specific - clinical (cf nat audit)
 - Head and Neck - pre treatment/post treatment)
 - Site specific - Key pathology (RCPath MDS)
- Monthly submission
 - Replaces current registry submission
 - Avoid duplication of other dataflows
 - Multiple sources - within and across Trusts
 - Via XML
- Monthly feedback
 - Standard reports for Trusts and Networks
 - Feedback to commissioners

MDT Performance – Data completeness

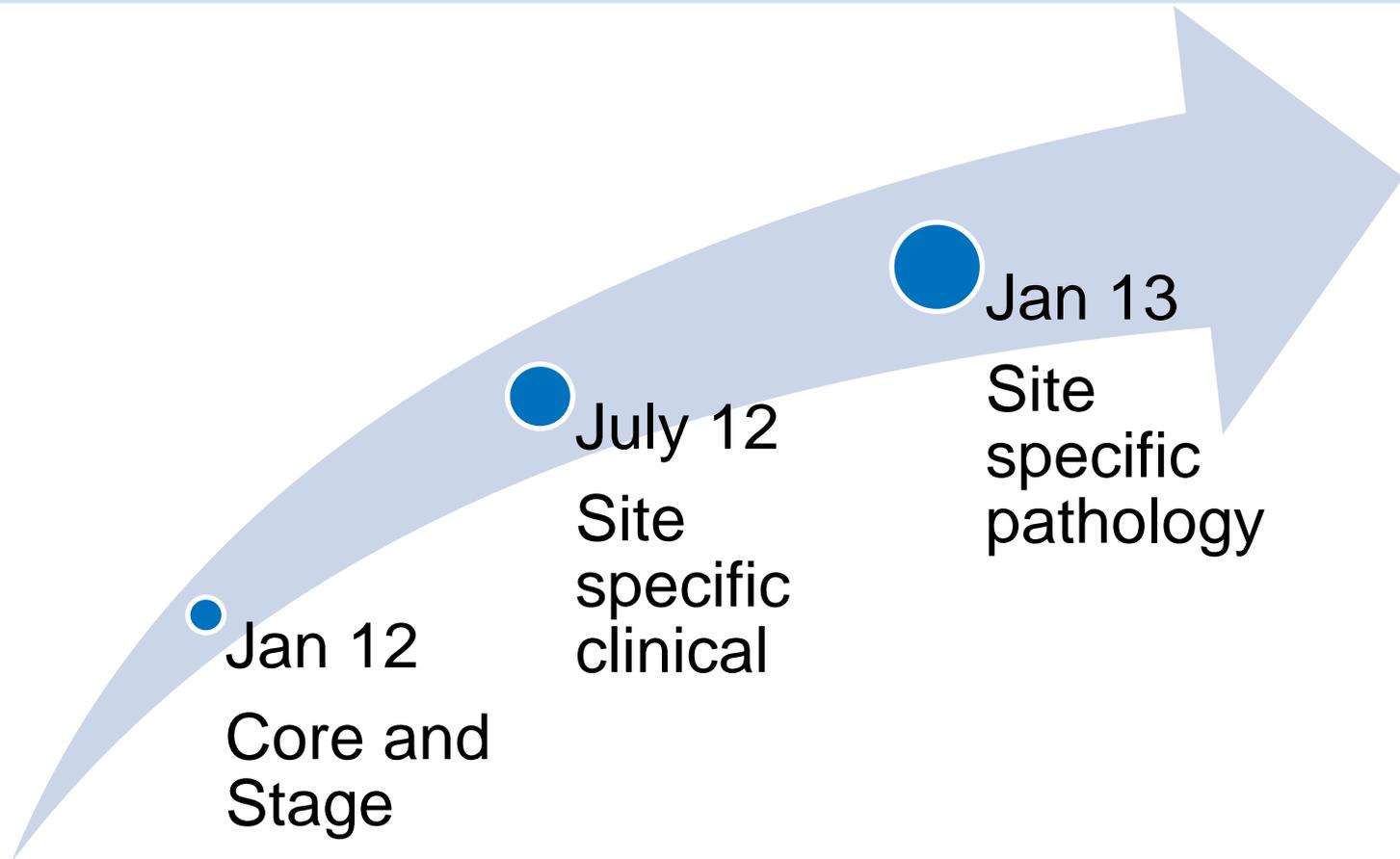


This report shows the completeness of certain key data items received each month by a Trust as discussed at MDT. By clicking on your Trust from the map above all the relevant data will appear on the performance chart to the right. You can compare your Trust to another by holding the Ctrl button and selecting another Trust. You can scroll the data down on the right hand side by hovering over the data and using the mouse wheel or holding the scroll bar (far right) and moving down/up. A full user guide is available by clicking the link on the introduction page; this will give you detailed instructions on how to use this report effectively.

Indicator	Hospital	Total Pts	Current Month %	Last Month %	Trend	Data Completeness
Date of Diagnosis: Aug-10	E+N Herts	16	100	94.40	↑	0 100
Date of Diagnosis: Aug-10	West Herts	8	100	100.00	→	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	16	0	0.00	→	0 100
Pre-Treatment TNM: Aug-10	West Herts	8	0	0.00	→	0 100
Stage - Dukes: Aug-10	E+N Herts	16	50	44.40	↑	0 100
Stage - Dukes: Aug-10	West Herts	8	0	0.00	→	0 100
Final Treatment TNM: Aug-10	E+N Herts	16	0	27.80	↓	0 100
Final Treatment TNM: Aug-10	West Herts	8	12.5	28.60	↓	0 100
▼ Lung Cancer						
Date of Diagnosis: Aug-10	E+N Herts	13	92.3	93.80	→	0 100
Date of Diagnosis: Aug-10	West Herts	12	100	100.00	→	0 100
Tumour Laterality: Aug-10	E+N Herts	13	92.3	68.80	↑	0 100
Tumour Laterality: Aug-10	West Herts	12	75	90.90	↓	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	13	0	18.80	↓	0 100
Pre-Treatment TNM: Aug-10	West Herts	12	25	72.70	↓	0 100
▼ Skin - C43						
Date of Diagnosis: Aug-10	E+N Herts	17	100	86.70	↑	0 100
Date of Diagnosis: Aug-10	West Herts	9	100	100.00	→	0 100
Breslow Thickness: Aug-10	E+N Herts	17	0	0.00	→	0 100
Breslow Thickness: Aug-10	West Herts	9	0	0.00	→	0 100
Final TNM: Aug-10	E+N Herts	17	0	0.00	→	0 100
Final TNM: Aug-10	West Herts	9	0	0.00	→	0 100
▼ Upper GI						
Date of Diagnosis: Aug-10	E+N Herts	5	80	85.70	↓	0 100
Date of Diagnosis: Aug-10	West Herts	4	100	100.00	→	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	5	0	0.00	→	0 100
Pre-Treatment TNM: Aug-10	West Herts	4	0	0.00	→	0 100
▼ Pancreatic Cancer						
Date of Diagnosis: Aug-10	E+N Herts	1	100	100.00	→	0 100
Date of Diagnosis: Aug-10	West Herts	0	n/a	n/a	→	0 100
Pre-Treatment TNM: Aug-10	E+N Herts	1	0	0.00	→	0 100

<-5% Decrease ↓ -2% to -5% Decrease ↘ 1% to -1% No change → 2% to 5% Increase ↑ <5% Increase ↗ A ● B ● C ●
 Regional Average % |
 Poor ■ Medium ■ Good ■
 - +

Implementation Timetable



Support

- Network Road shows
 - One day programme
 - Organisational & technical topics
 - MDTs & clinical aspects
- XML workshops
 - In house developers
- COSD Project team
 - COSD@ncin.org.uk

NCIN website



Cancer Outcomes and Services Dataset (COSD)

User Guide

Version 1.5

Understanding Cancer

Professionally Accredited by the Institute of Healthcare Management

Launch date: 2 April 2012

Oncology Training for NHS and Public Health non-clinical staff

Key features include:

- flexibility to work at your own pace from work or home
- ability to stop and resume at any point from any computer
- reference guides
- colourful images throughout
- glossary of terms
- learning objectives
- quizzes
- certificate of achievement

Who it is for and what you will learn

This new e-learning tool is aimed primarily at **Multi-disciplinary Team Co-ordinators and Cancer Registration staff** who need to know:

- about cancer-medical terminology, diagnostic tests and treatments
- how cancer services are organised in the NHS
- about cancer types-key risks, including causes, risk factors, signs and symptoms, anatomy and physiology

Other NHS staff can also use it to improve their understanding of cancer

What to do next

For more information, visit www.ncin.org.uk. You will be able to self register onto the learning space website ready for the launch on the 2nd April 2012

Outcomes and Services Dataset (COSD)

- National Radiotherapy Dataset (RTDS)
- Going Further on Cancer Waits
- Co-morbidity
- Systemic Anti-Cancer Therapy Data (Chemotherapy)
- GP access to diagnostic tests
- National Cancer Data

Cancer Outcomes and Services Dataset (COSD) Update (February 2012)

What is the COSD?

The COSD will be the new national standard for reporting cancer in the NHS in England. It will replace the current national Cancer dataset and will include the Cancer registration dataset and additional site specific data items relevant to the different tumour types. It will be aligned with existing national cancer datasets (SACT), [Cancer Waits](#) and [Radiotherapy Data](#).

Why is it needed?

We need to revise the national cancer dataset to ensure that we meet the current information requirements for the NHS. The Cancer reform Strategy (2007) identified better information and stronger commissioning at two of the key drivers to achieve the goal that cancer services in the country should be amongst the best in the world. The submission of 'Improving Outcomes: A Strategy for Cancer' (January 2011) further supports this concept to demonstrate cancer outcomes using high quality data and intelligence for all stakeholders.

What is different from current data collection?

COSD will clarify the terms that need to be submitted electronically directly to the cancer registries on a monthly basis. Many trusts are already sending data directly to the registries from systems such as MDT software, PAC (patient administration systems) and Pathology COSD will confirm the definitions and values for these items. Cancer waits and start from key items being submitted through standard data routes such as Cancer Waits and start from key items. These will not need to be resent. Most of the remaining items in COSD are site specific and are required for patient management and clinical care. These will also need to be submitted directly to the registries. Data from all sources will be linked by the registries at patient level using the Number to complete the full dataset.

What is happening next?

The dataset has now undergone 'feasibility testing' by a number of MDTs (multidisciplinary teams) and the results have been reviewed by the NCIN's Site Specific Clinical Reference Groups (SSCRGs). Subsequently there have been some further modifications to the data items and the revised dataset is now available on the [COSD page](#) of the NCIN website. Further User guidance documents, including templates to assist state of readiness are being prepared and will be available shortly, along with the draft specification once approved.

The XML schema for the dataset has also been developed and is currently undergoing testing. The draft schema is available for download and is open for consultation until 7th March on the [COSD](#) page.

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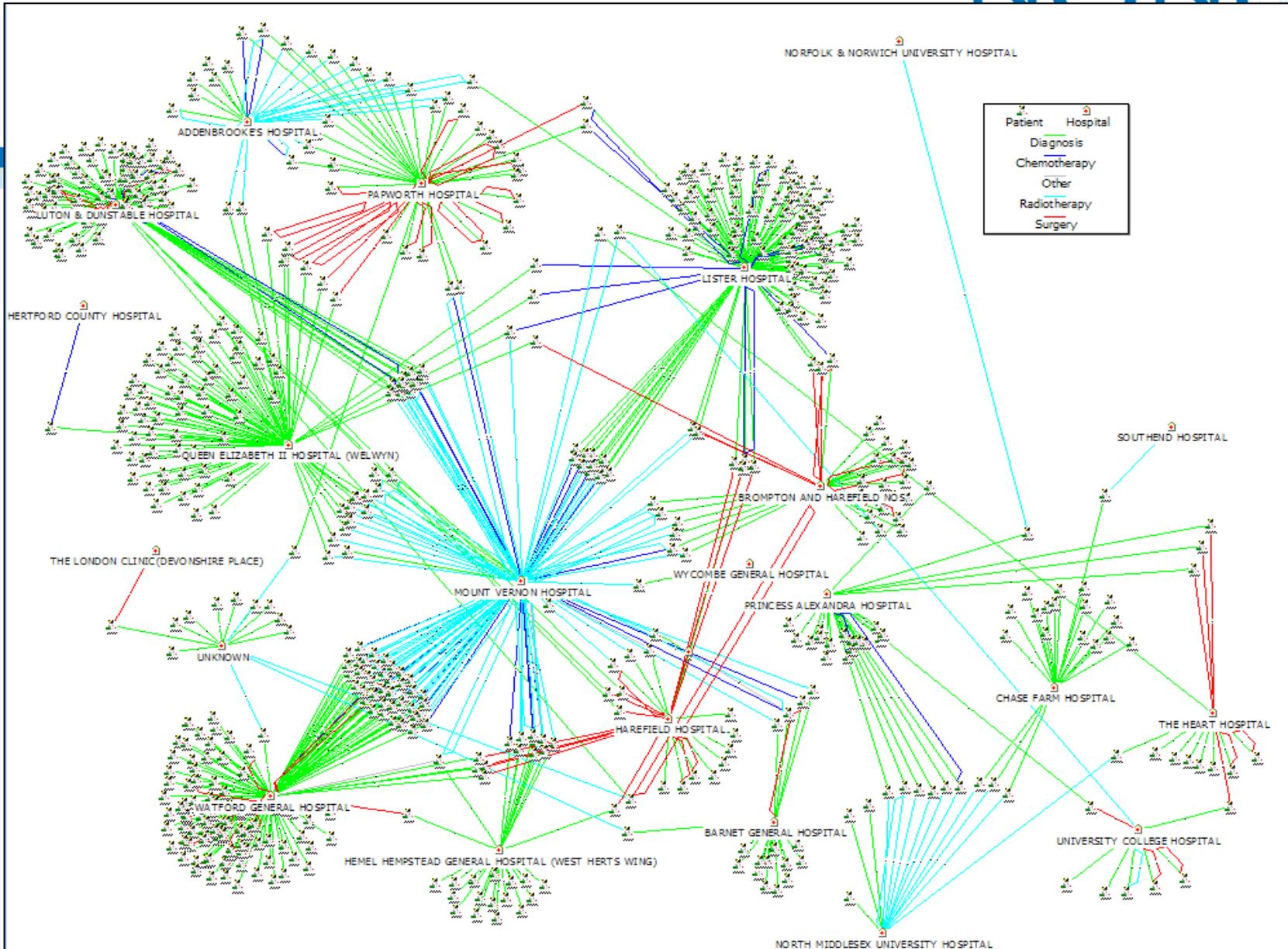
COSD Update - February 2012

NCIN FOR...

- Analysts
- Commissioners and Policy Makers
- Health Professionals

Issues for Head and Neck

- Impact on DAHNO?
 - Bigger picture – all tumour groups
- Clinical sign off/Ownership
 - Review and revise processes
- Resources
 - point of care recording
- Duplication/double entry
 - Alignment of data/single system recording
- Future direction
 - National audit strategy/routine collection



Are you ready for COSD?

- **This has been coming since January 2008!**
- Do you know what needs to be submitted
- Have you reviewed collection processes
- Network Road Show – when and who?
- MDT systems in place?
- Do your clinical teams know?

Thank you

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