

# Cancer Outcomes and Services Dataset

## Central Nervous System 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

- 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



SWCIS



TCR



ECRIC



WMCIU



OCIU



TrCR

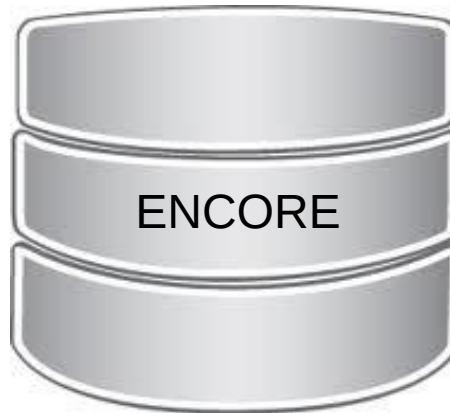


NYCRIS



NWCIS

- 1 Registration system
- 1 registry director
- Standardised processes



# 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 – broader, deeper, longer
  - 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

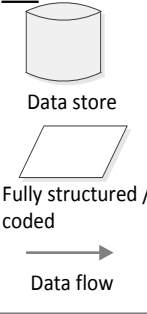
# Features of COSD

- Components
  - Core (Generic Registration and Cancer Waits)
  - Site specific - clinical (cf nat audit)
    - CNS- Imaging, provisional diagnosis, surgery and radiosurgery
  - 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

CANCER REGISTRY

NATIONAL REGISTRY DATABASE  
(COSD DATASET)

KEY

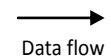


## CANCER REGISTRY

## KEY



Data store

Fully structured /  
coded

Data flow

NATIONAL REGISTRY DATABASE  
(COSD DATASET)

N3 Network or other approved transmission medium

HES  
extractCancer  
Waits  
downloadSecondary  
Uses ServiceOpen  
ExeterCOSD Core  
and ALL  
ClinicalProcedures  
/ activity  
uploadsCancer  
Waits  
Upload

N3 Network or other approved transmission medium

HOSPITAL PAS  
SYSTEMCancer Services  
MDT System

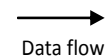
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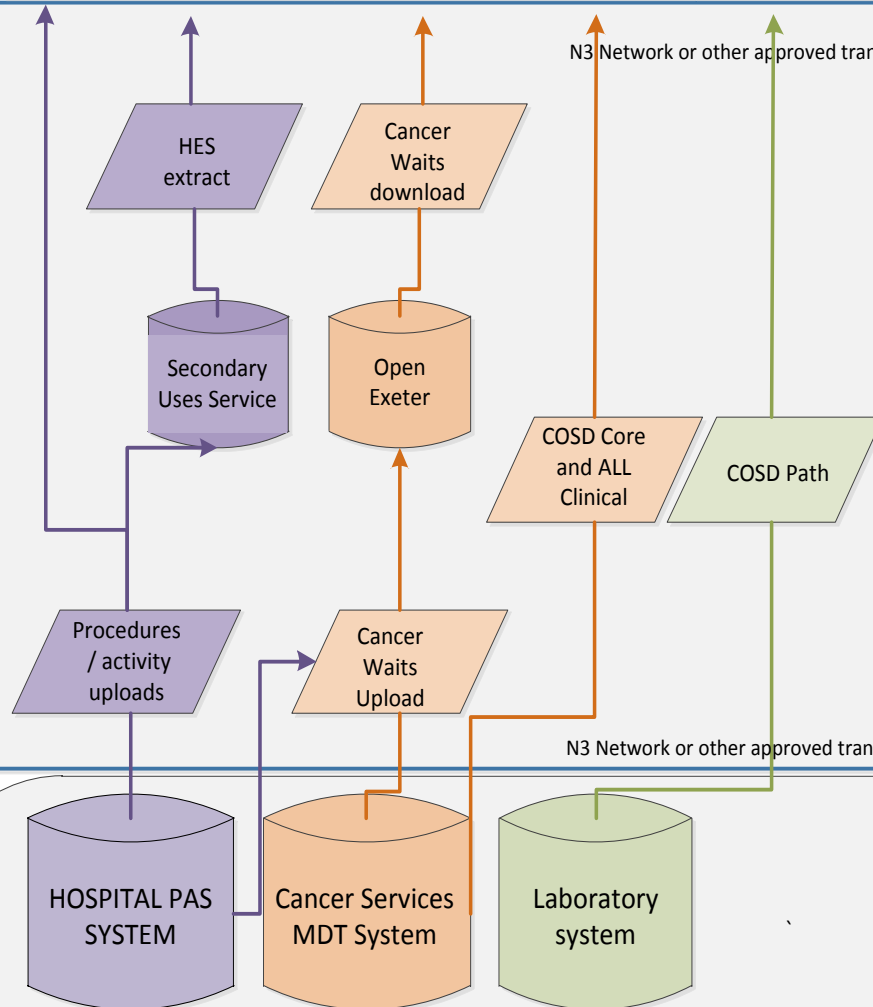
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Acute Trust / Cancer Centre



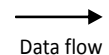
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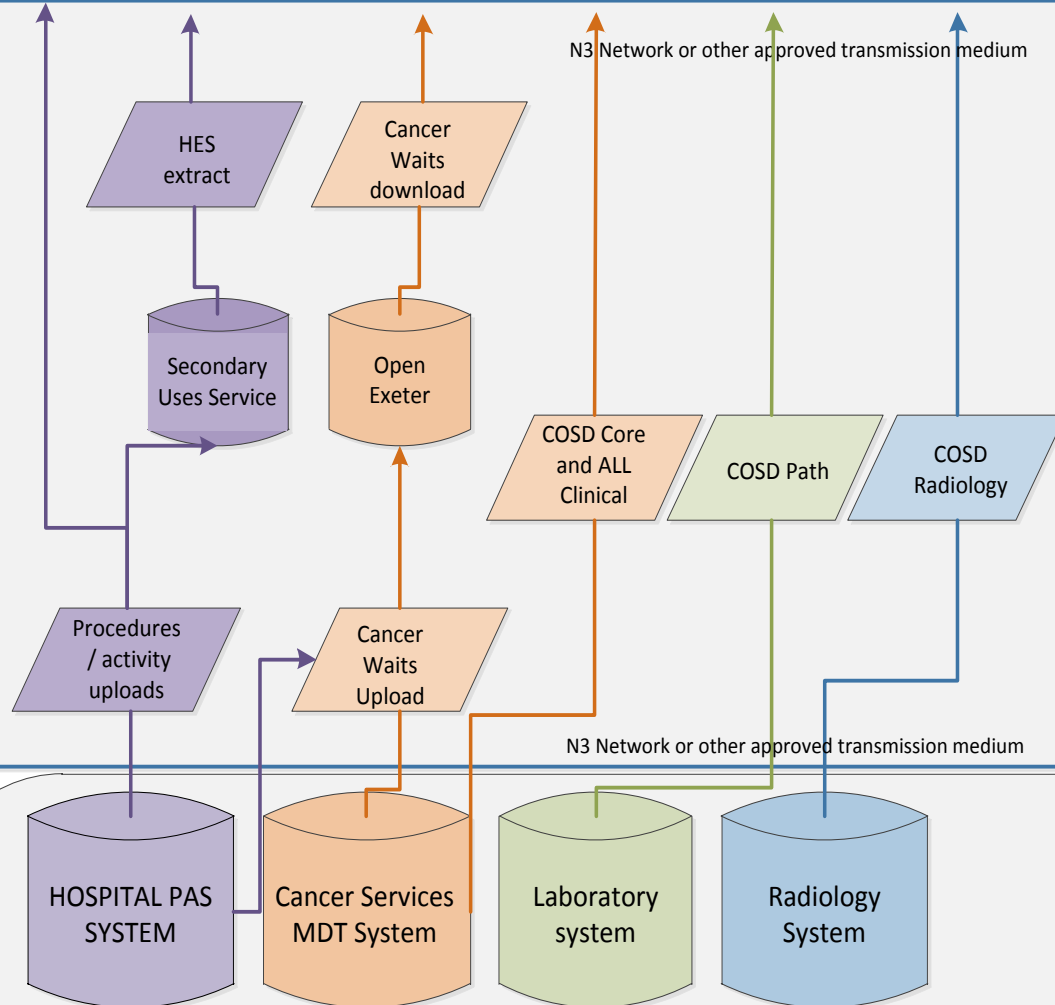
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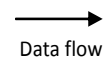


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COSD Path

COSD  
RadiologyChemo  
summaryChemo  
RepositoryProcedures  
/ activity  
uploadsCancer  
Waits  
UploadSACT  
upload

N3 Network or other approved transmission medium

HOSPITAL PAS  
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systemRadiology  
SystemE prescribing  
system

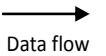
Acute Trust / Cancer Centre

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COSD Path

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systemVerify and  
RecordChemo  
summaryChemo  
RepositorySACT  
uploadRadiotherapy  
Summary

NatCanSAT

RTDS  
upload

N3 Network or other approved transmission medium

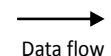
Acute Trust / Cancer Centre

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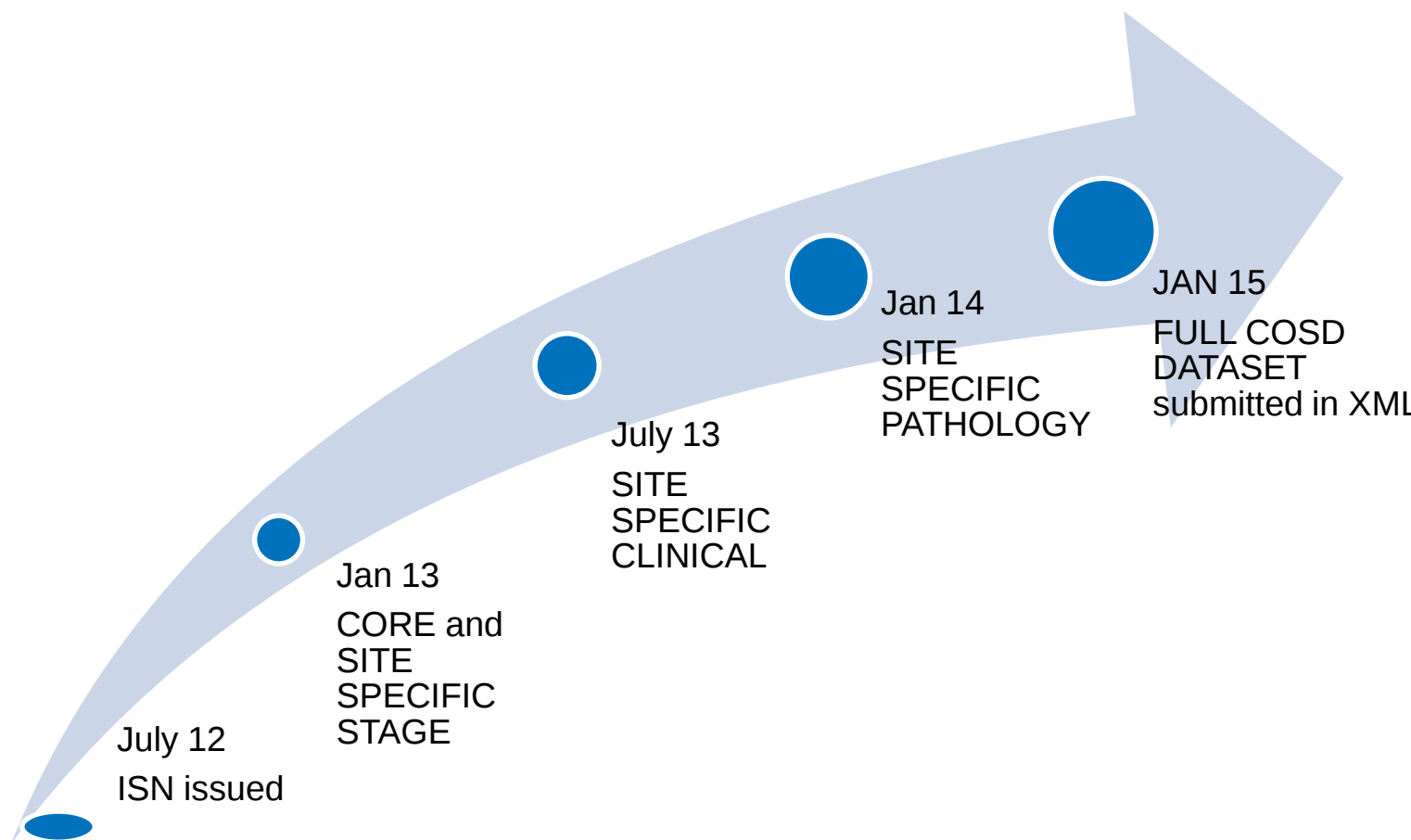
NatCanSAT

RTDS  
uploadDeaths  
Data

ONS

Acute Trust / Cancer Centre

# Implementation Timetable



# Support

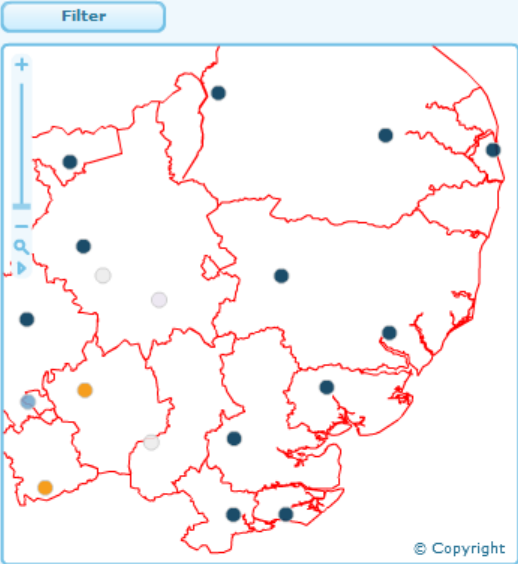
- Network Road shows
  - One day programme
  - Organisational & technical topics
  - MDTs & clinical aspects
- XML workshops
  - In house developers
- COSD Project team
  - [COSD@ncin.org.uk](mailto:COSD@ncin.org.uk)

**NCIN**  
national cancer  
intelligence network  
*Using information to improve quality & choice*



# Conformance Criteria

## 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.

Help

| 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

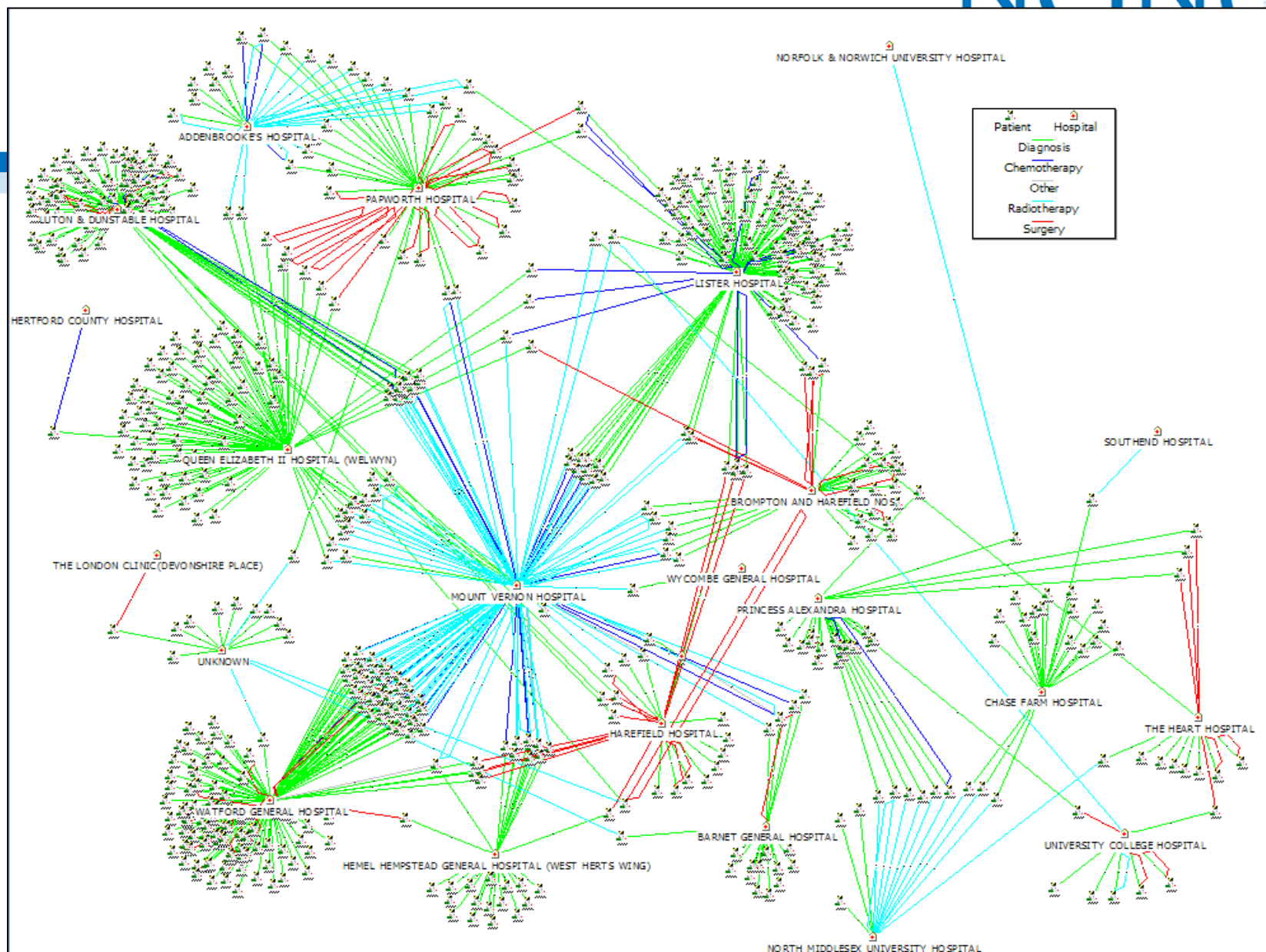
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# Issues for Central Nervous System

- Clinical sign off/Ownership
  - Review and revise processes
- Resources
  - Point of care recording
- Imaging data
  - Diagnostic Imaging Dataset/Image Exchange Portal
- Complex pathway
  - Network wide implementation, Data collection agreements
- “Pilot” project
  - ???

# Are you ready for COSD?

- **This has been coming since January 2008!**
- Benefits
  - Timely, comparable, comprehensive data
- 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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