

# Cancer Outcomes and Services Dataset

**Urology Clinical Leads Workshop  
June 2012**

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# Overview

- New Datasets
- Update on other cancer datasets
- COSD update
- Registry modernisation

# 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

# 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 Outcomes and Services Dataset

- The new national cancer dataset
- Information Standards Board approval – June 2012
  - Incorporates cancer registration dataset
  - Updated, aligned and standardised
  - Definition of items, codes and values
  - Specifies trust submissions
  - Compiled from Trusts and other sources

# COSD Dataset

| Data Item Name                               | Suggested System/Source |
|----------------------------------------------|-------------------------|
| NHS NUMBER                                   |                         |
| LOCAL PATIENT IDENTIFIER                     |                         |
| NHS NUMBER STATUS INDICATOR CODE             |                         |
| PERSON BIRTH DATE                            |                         |
| ORGANISATION CODE (CODE OF PROVIDER)         |                         |
| PRIMARY DIAGNOSIS (ICD)                      |                         |
| DATE OF DIAGNOSIS (CLINICALLY AGREED)        |                         |
| DATE OF RECURRENCE (CLINICALLY AGREED)       |                         |
| PERSON FAMILY NAME                           |                         |
| PERSON GIVEN NAME                            |                         |
| PATIENT USUAL ADDRESS (AT DIAGNOSIS)         |                         |
| POSTCODE OF USUAL ADDRESS (AT DIAGNOSIS)     |                         |
| PERSON GENDER CODE (CURRENT)                 |                         |
| GENERAL MEDICAL PRACTITIONER (SPECIFIED)     |                         |
| GENERAL MEDICAL PRACTICE CODE (PATIENT)      |                         |
| PERSON FAMILY NAME (AT BIRTH)                |                         |
| ETHNIC CATEGORY                              |                         |
| SOURCE OF REFERRAL FOR OUT-PATIENTS          |                         |
| REFERRAL TO TREATMENT PERIOD START DATE      |                         |
| DATE FIRST SEEN                              |                         |
| CONSULTANT CODE                              |                         |
| CARE PROFESSIONAL MAIN SPECIALTY CODE        |                         |
| ORGANISATION SITE CODE (PROVIDER FIRST SEEN) |                         |
| DATE FIRST SEEN (CANCER SPECIALIST)          |                         |
| ORGANISATION SITE CODE (PROVIDER FIRST SEEN) |                         |
| CANCER OR SYMPTOMATIC FIRST NOTED DATE       |                         |
| CANCER SYMPTOMS FIRST NOTED DATE             |                         |
| SITE CODE (OF IMAGE)                         |                         |
| PROCEDURE DATE (CANCER IMAGING)              |                         |
| PROCEDURE DATE                               |                         |
| PRIMARY PROCEDURE (OPCS)                     |                         |
| PROCEDURE (OPCS)                             |                         |
| DISCHARGE DATE (HOSPITAL PROVIDER SPELL)     |                         |
| DISCHARGE DESTINATION (HOSPITAL PROVIDER)    |                         |
| BRACHYTHERAPY TYPE                           |                         |
| MONITORING INTENT                            |                         |
| INVESTIGATION RESULT DATE                    |                         |
| SERVICE REPORT IDENTIFIER                    |                         |
| SERVICE REPORT STATUS                        |                         |
| CARE PROFESSIONAL CODE (PATHOLOGY TEST)      |                         |
| ORGANISATION SITE CODE (PATHOLOGY TEST)      |                         |
| SAMPLE COLLECTION DATE                       |                         |
| SAMPLE RECEIPT DATE                          |                         |



**PAS**



**National Feeds –**  
datasets and other  
sources e.g. CWT,  
RTDS, SACT, ONS



**MDT**



**Radiology**



**Pathology**

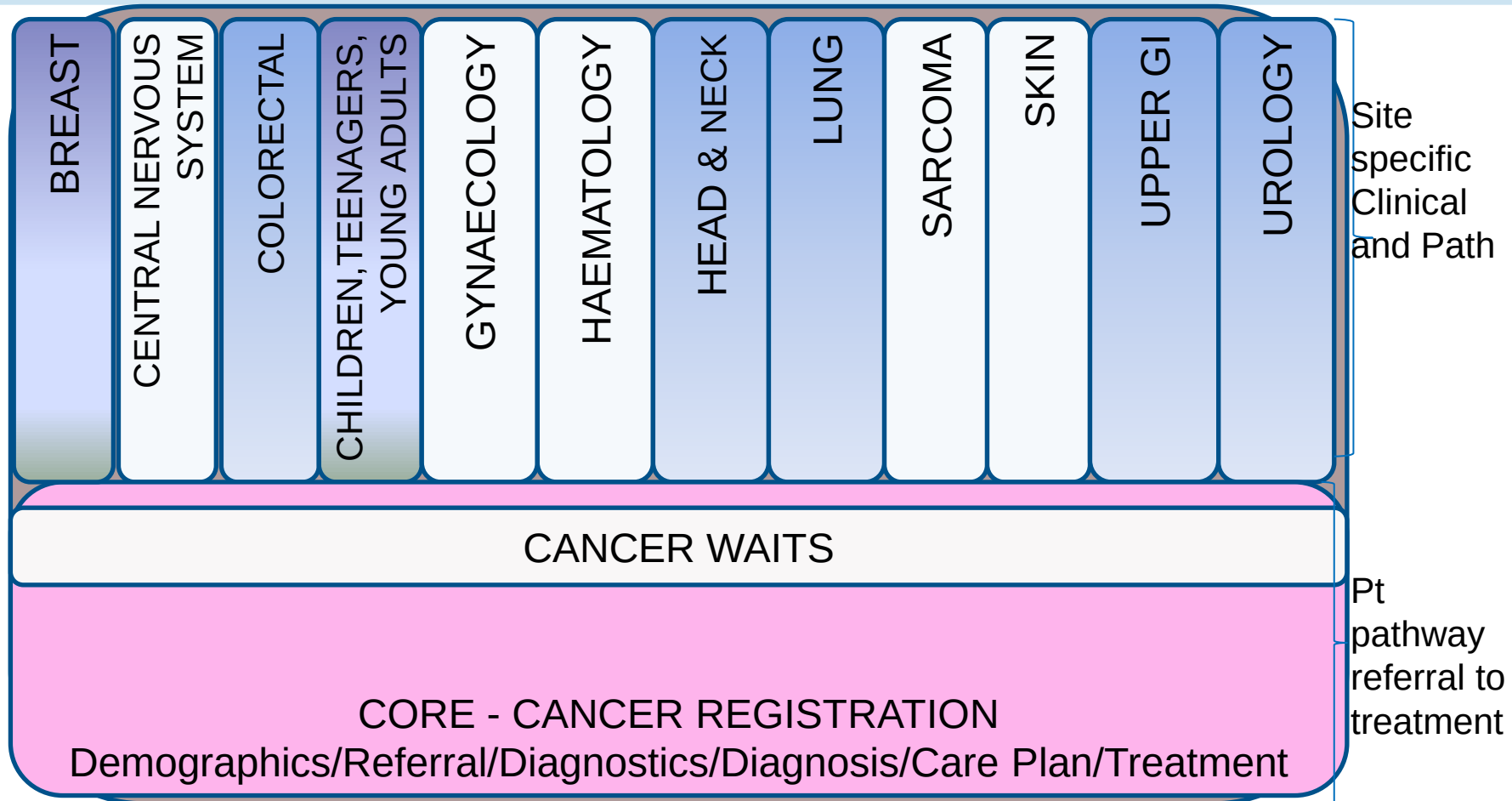
Compilation into a single dataset (assembled by registries)



# What's different about COSD

- More complete pathway
  - Referral details for all cases
  - All treatments
  - Includes palliative and supportive care
- Some additional core data, eg
  - Duration of symptoms
  - Involvement of CNS
- All registerable conditions eg
  - eg in situ bladder, in situ melanoma, benign brain tumours)
- Includes Recurrences
  - Breast cases to start with
- Site specific data
  - Site specific stage
  - Key site specific clinical items – patient management
  - Stage components of RCPATH datasets

# COSD - Structure



# COSD – Trust submissions

- Multiple Trust systems (MDT, PAS, Path, RIS)
  - Separate files for MDT, PAS, Path, RIS
  - Compiled by registries
- Monthly submission
  - 25 working days after diagnosis or treatment
  - Replaces current cancer registry submission
  - Aim for three months to complete – updates as applicable
- Method of transmission
  - agreed with registries
  - aim towards XML
  - Path data extracted from path reports by registries
- Avoid duplication of other dataflows

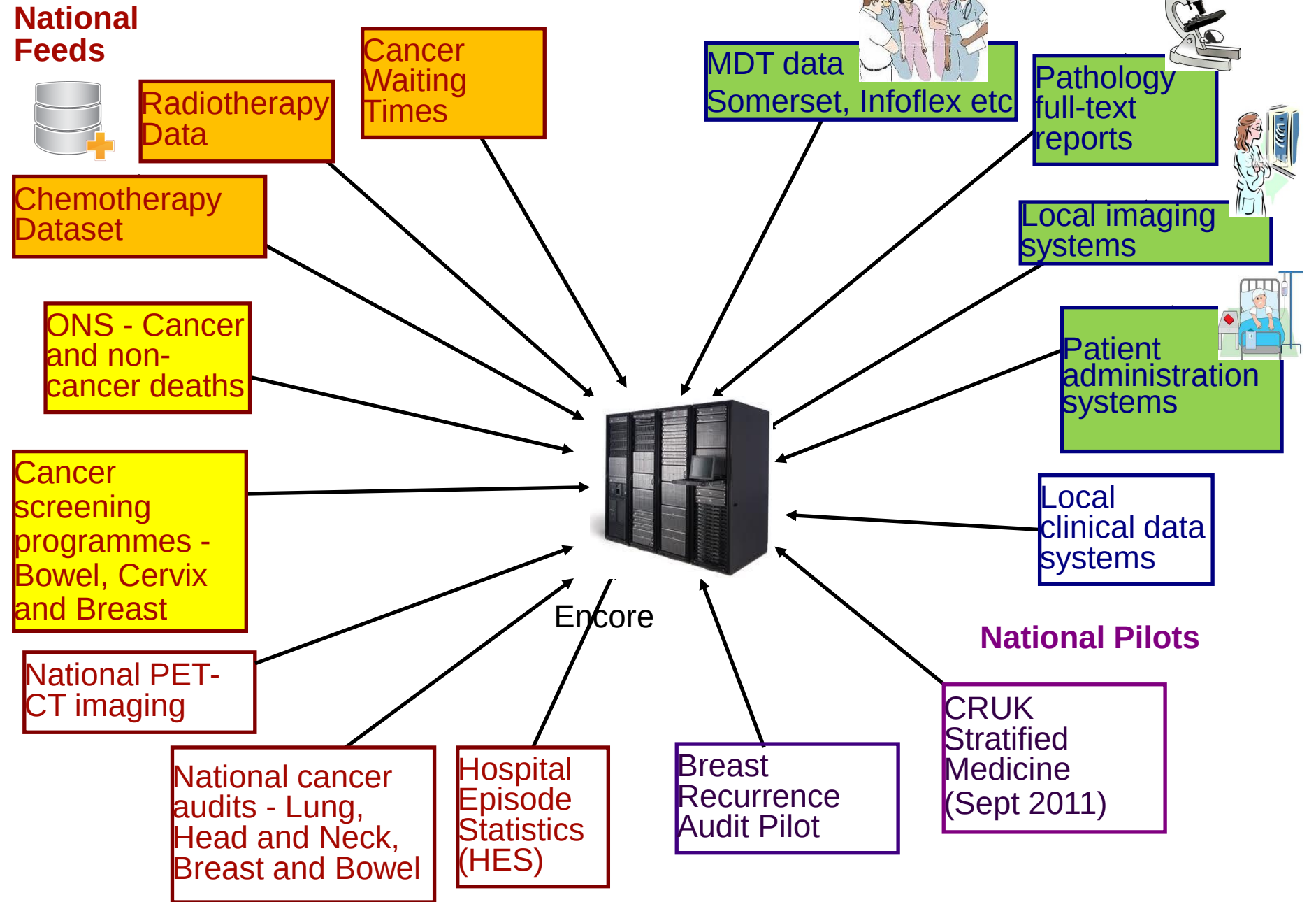
# Issues for Urology

- Clinical sign off/Ownership
  - Review and revise processes
- Resources
  - Point of care recording
- Inter Trust pathways
  - Network wide implementation, Data collection agreements
- Alignment with audit
  - Identify any differences
  - Move towards single submission source

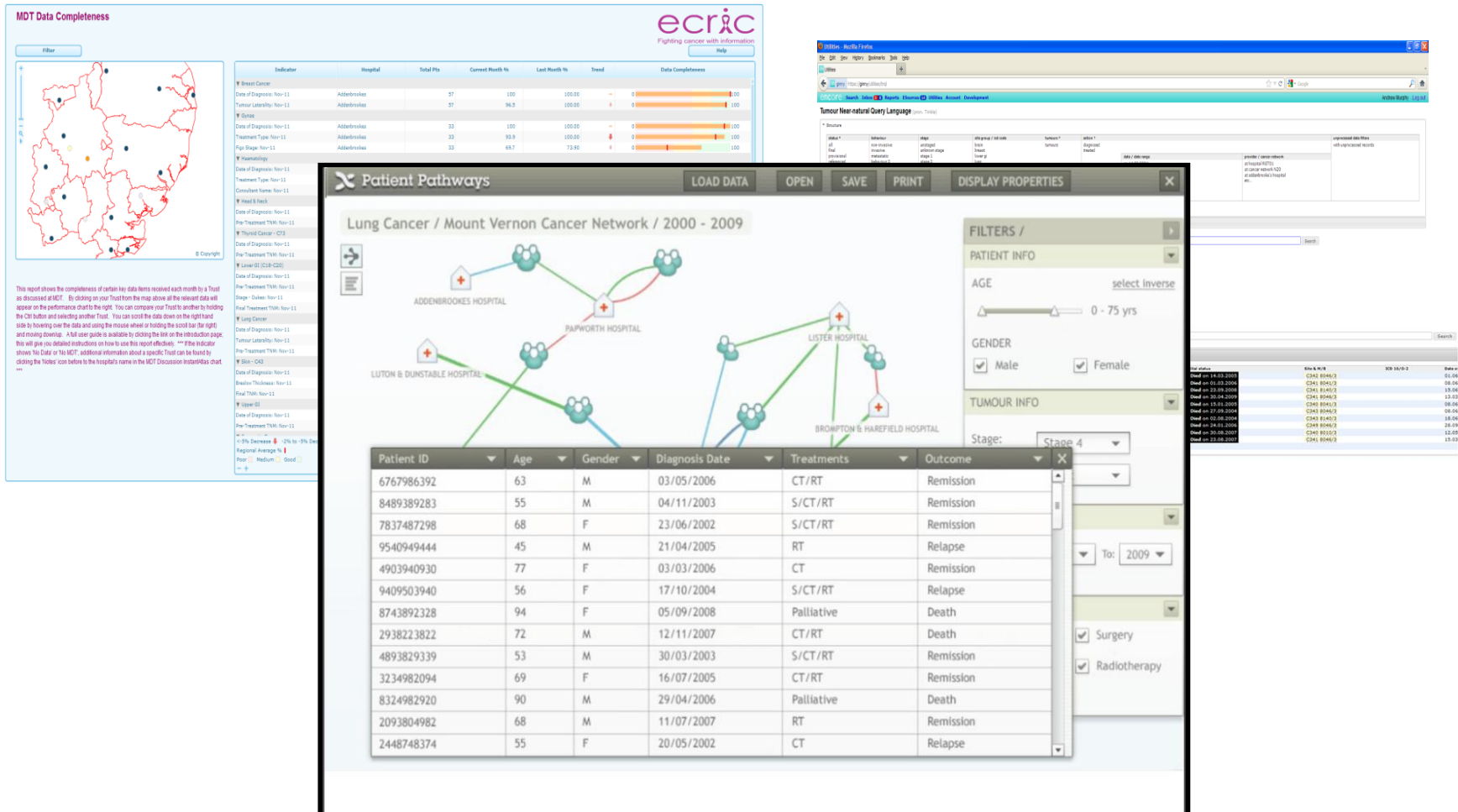
# COSD – Trust feedback

- Monthly feedback
  - Standard reports for Trusts and Networks
  - Initially very basic
  - Developing clinically relevant/interactive reports
- Feedback to commissioners
  - Escalation process
  - Simple criteria – eg was data submitted on time?

# Data sources - patient-level data



# Future Feedback?





# NCIN website



**Understanding Cancer**  
Professionally Accredited by the Institute of Healthcare Management  
Oncology Training for NHS and Public Health non-clinical staff  
**Launch date: 2 April 2012**

**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](http://www.ncin.org.uk). You will be learning space website ready for the launch on the 2nd April 2012

**Cancer Outcomes and Services Dataset (COSD)**

**User Guide**

**Version 1.5**

**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), currently in development.

**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 as two of the key drivers to achieve the goal that cancer services in the country should be amongst the best in the world. The subsequent 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 items 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, PACS (patient administration systems) and pathology COSD will confirm the definitions and values for these items. Cancer types and, apart from key items, being submitted through standard data routes such as cancer sites and, apart from key items, will not need to be resubmitted. 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 NHS 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 (CCRGs). Subsequently there have been some further modifications to the data items and the revised dataset is now available on the [COSD page](http://www.ncin.org.uk) of the NCIN website. Further User guidance documents, including templates to assist state of readiness to the data items and the revised dataset, 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 NHS Data Model and Dictionary service (DMDS) (see below).

**NCIN FOR...**

- Analysts
- Commissioners and Policy Makers
- Health Professionals

**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

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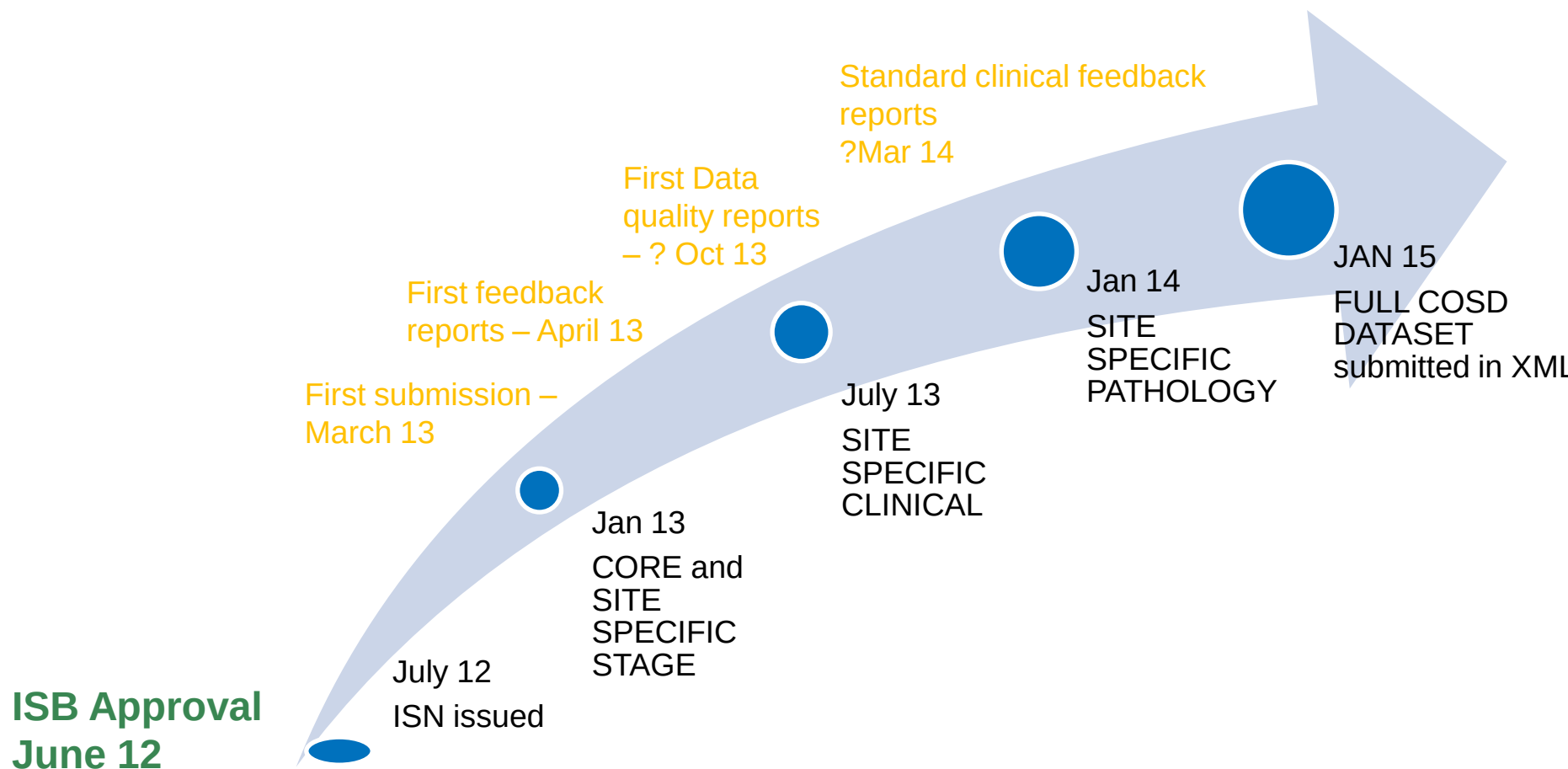
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# Support

- 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)

# Implementation Timetable



# Thank you

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