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Cancer Outcomes and Services Dataset

Urology Clinical Leads Workshop
June 2012

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NCRI National Cancer Research Institute

Overview

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

New Datasets - Chemotherapy

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- 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

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- 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

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- 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 Outcomes and Services Dataset

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- 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

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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	
CANCER OR SYMPTOMATIC BREAST REFERRAL	
CANCER SYMPTOMS FIRST NOTED DATE	
SITE CODE (OF IMAGING)	
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	

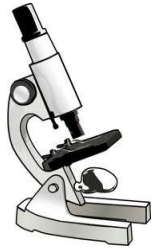
Compilation into a single dataset (assembled by Registries)

PAS

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

MDT

Radiology



Pathology

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

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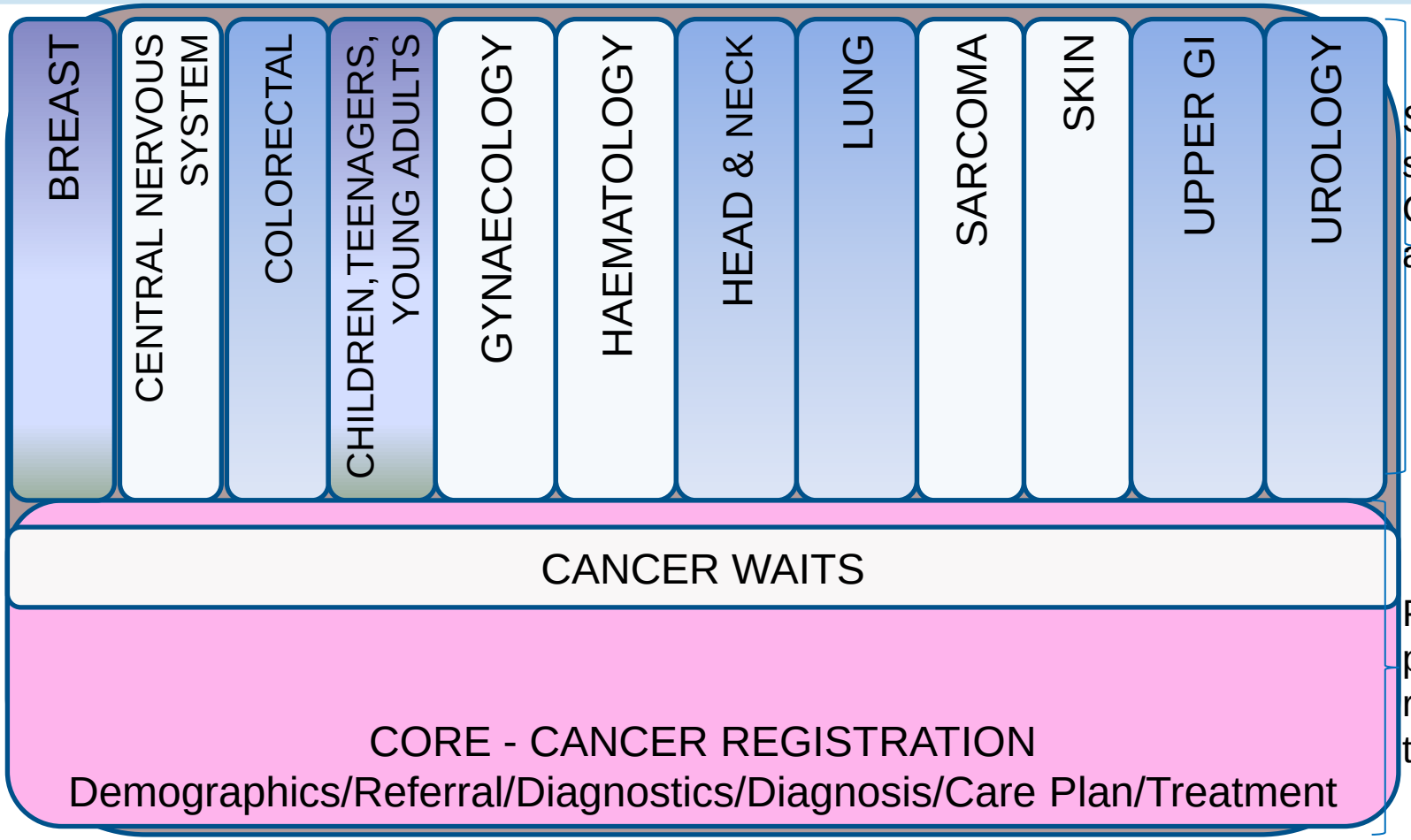

COSD – Trust submissions

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- 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

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- 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

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- 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

National Feeds

Radiotherapy Data

Cancer Waiting Times

Chemotherapy Dataset

ONS - Cancer and non-cancer deaths

Cancer screening programmes - Bowel, Cervix and Breast

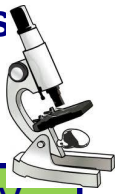
National PET-CT imaging

National cancer audits - Lung, Head and Neck, Breast and Bowel

Hospital Episode Statistics (HES)

Local Feeds

MDT data Somerset, Infoflex etc



Pathology full-text reports

Local imaging systems

Patient administration systems

Encore

Local clinical data systems

National Pilots

CRUK Stratified Medicine (Sept 2011)

Breast Recurrence Audit Pilot

Future Feedback?

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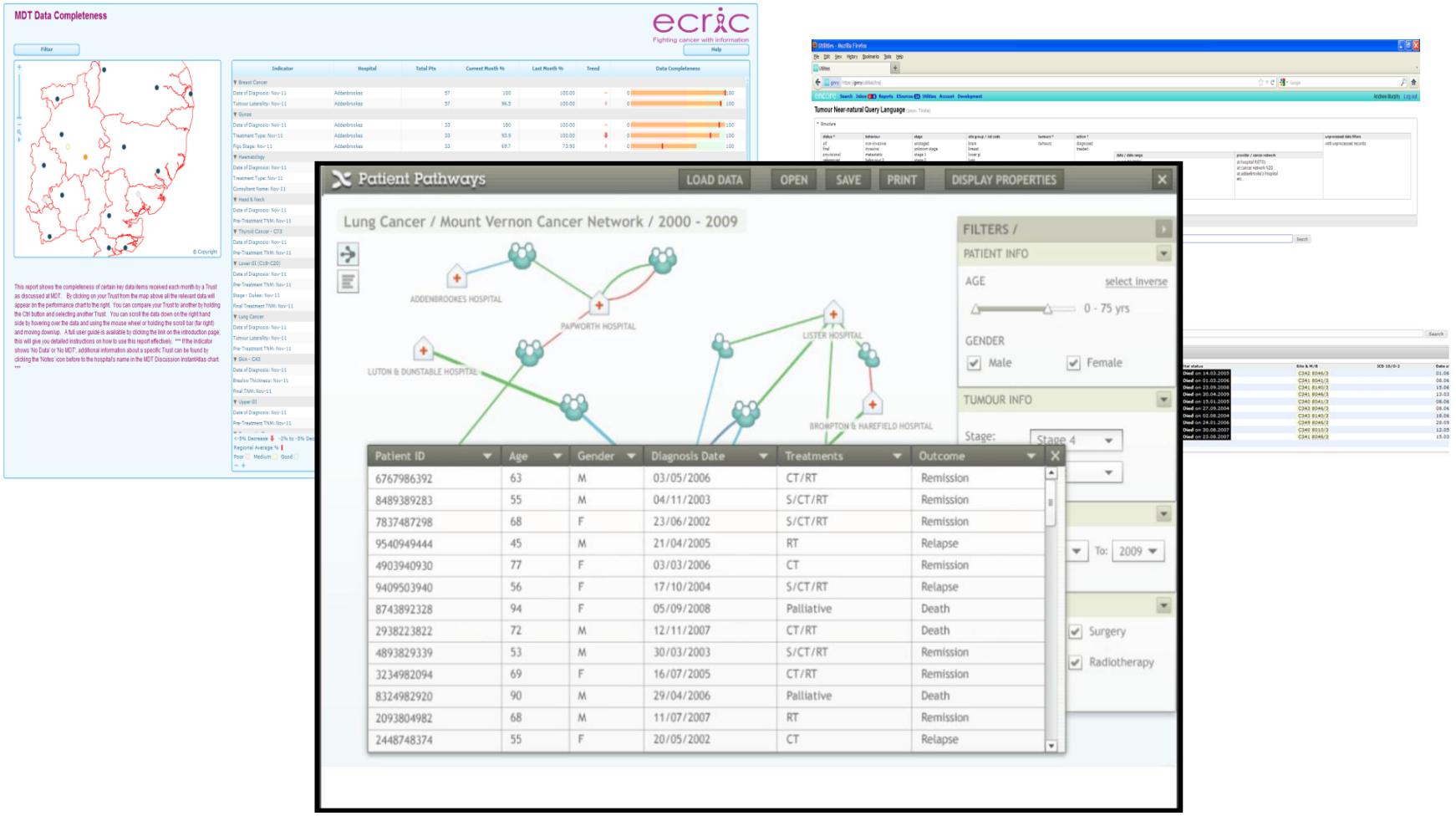

Patient ID	Age	Gender	Diagnosis Date	Treatments	Outcome
6767986392	63	M	03/05/2006	CT/RT	Remission
8489389283	55	M	04/11/2003	S/CT/RT	Remission
7837487298	68	F	23/06/2002	S/CT/RT	Remission
9540949444	45	M	21/04/2005	RT	Relapse
4903940930	77	F	03/03/2006	CT	Remission
9409503940	56	F	17/10/2004	S/CT/RT	Relapse
8743892328	94	F	05/09/2008	Palliative	Death
2938223822	72	M	12/11/2007	CT/RT	Death
4893829339	53	M	30/03/2003	S/CT/RT	Remission
3234982094	69	F	16/07/2005	CT/RT	Remission
8324982920	90	M	29/04/2006	Palliative	Death
2093804982	68	M	11/07/2007	RT	Remission
2448748374	55	F	20/05/2002	CT	Relapse

NCIN website

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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

Implementation Timetable

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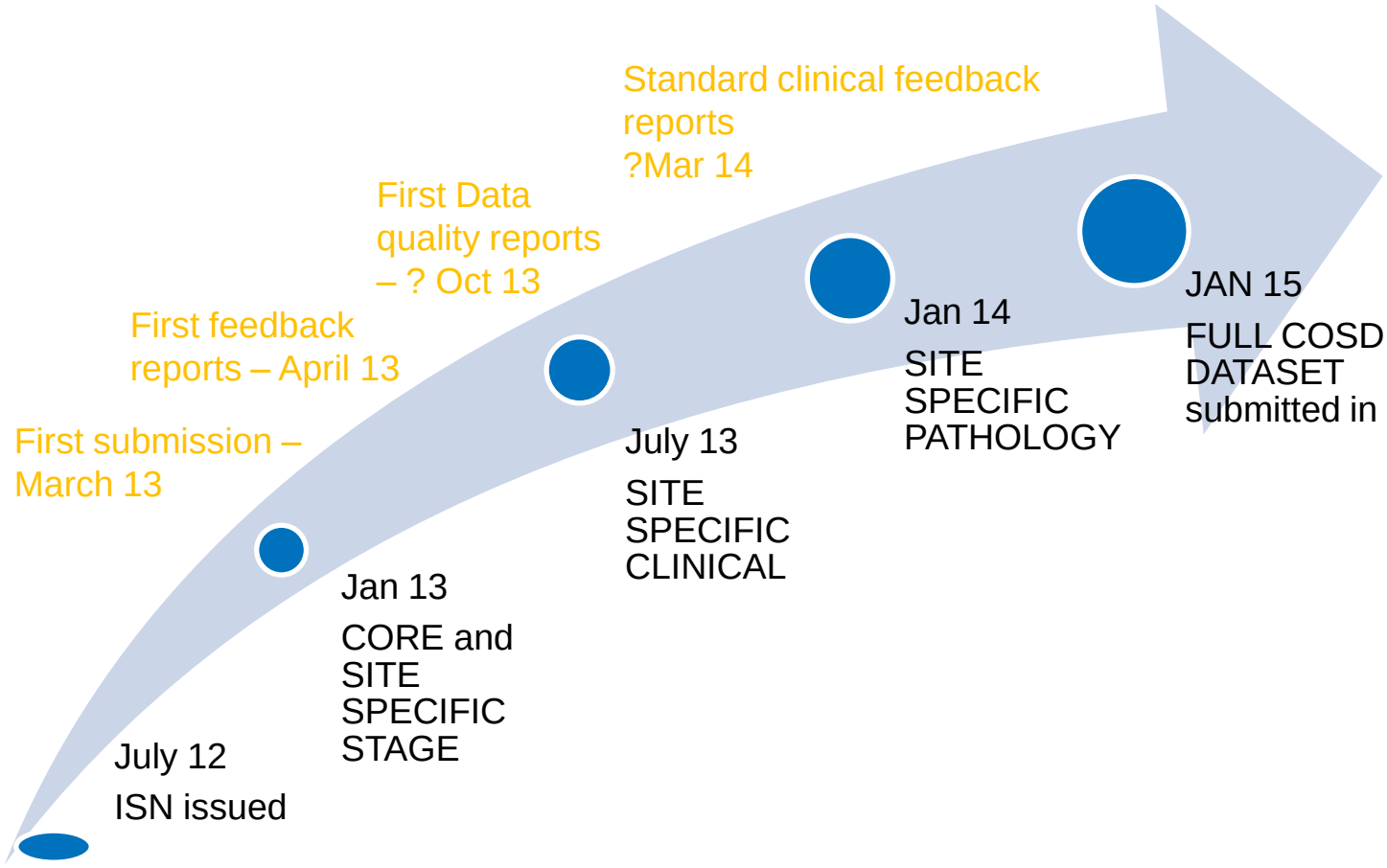

ISB Approval June 12

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Thank you

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