

# Cancer Outcomes and Services Dataset

Upper GI Clinical Leads Workshop  
25<sup>th</sup> November 2010

Trish Stokes, NCIN

# NCIN Objectives

- **Promoting efficient and effective data collection throughout the cancer journey**
- Providing a common national repository for cancer datasets
- Producing expert analyses, based on robust methodologies, to monitor patterns of cancer care
- **Exploiting information to drive improvements in standards of cancer care and clinical outcomes**
- Enabling use of cancer information to support audit and research programmes

# Essentials for success

- **Clinical engagement**
- **Credible data**
  - High level of data completeness
  - Case mix adjustment
  - Timely
- **Reporting**
  - Easy access to clear, ‘bespoke’ reports
  - ‘Real time’ – on line; Annual reports
  - Targeting reports: Clinicians; Trusts; SHAs ; PCTs etc
- **Dissemination in Peer-reviewed settings**
  - Publication, Conferences, Workshops, etc
- **Incorporating performance and outcome data into:**
  - Commissioning
  - Cancer Peer Review & Service Improvement

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# 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*
- **Cancer Outcomes and Services Dataset – Sept 2012**
- *(Pathology/Radiology – Professional/Clinical Standards)*

# NCIN Cancer Registration Data Views



## Patient Pathway

**Datasets/Sources**

	Referral	Diag	Rx	Rec/Mets	Rx	Pall. Care	Death
CWT	█		█	█	█	█	
MDT	█	█	█				
RTDS			█	█	█		
HES		█	█	█	█		
NCASP		█	█	█	█		█
Ca. Reg	█					█	█
TOTAL	█	█	█	█	█	█	█

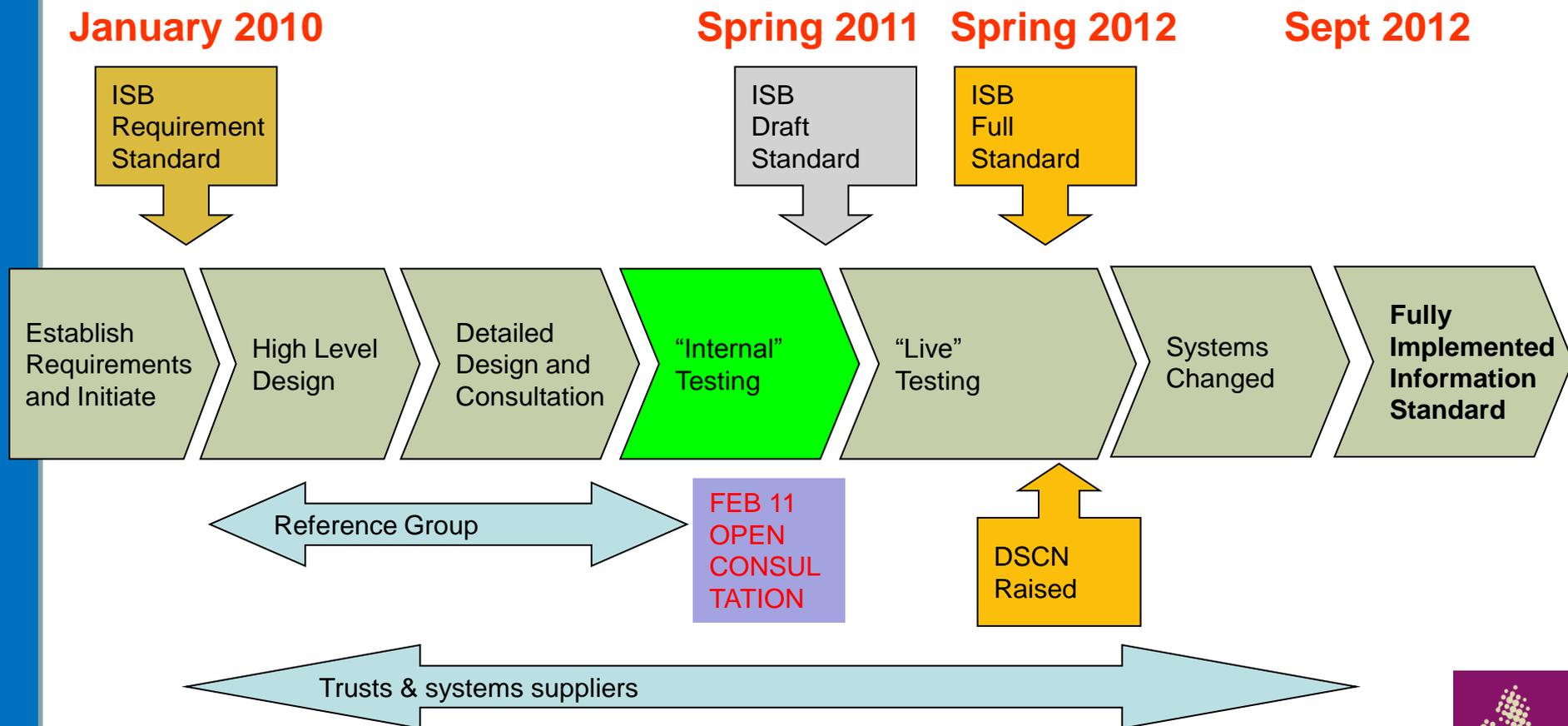
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# Progress this year

- Core dataset reviewed
- Additional core items identified
- Site specific datasets agreed by Clinical Reference Groups
- Software Suppliers Day
- First draft COSD dataset
- Definitional testing
- Identify key RC Path items

# Process overview



# Operational Testing volunteers wanted

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

# Definitional testing reports

## National Datasets Service

### Cancer Outcomes and Services Dataset (COSD) - UPPER GI - O-G

Data Discovery Analysis - Site Data Report



The  
Information  
Centre

for health and social care

Site Name: XXXXX

Trust

Date of Report 09/11/2010

### COSD - UPPER GI - O-G - Type of Match (Capability)

Number of COSD Upper GI - O-G Dataset Data Items

27

Systemic Capability <sup>1</sup>		%
System Capability	18	67%

<sup>1</sup> Including Met and Partially Met

Type of Match Category <sup>1</sup>	No. Data Items	%
Met	18	67%
Partially Met	0	0%
Uncertain	0	0%
Not Met	9	33%
Unanalysed	0	0%
<b>TOTAL NO. DATA ITEMS</b>	<b>27</b>	<b>100%</b>

#### Systems Used

CMIS - Cancer Management  
Information System  
Endoweb  
iSoft

Note: Data recorded in paper format only is not considered to be 'Met'

#### <sup>1</sup> Definitions of Type of Match Categories

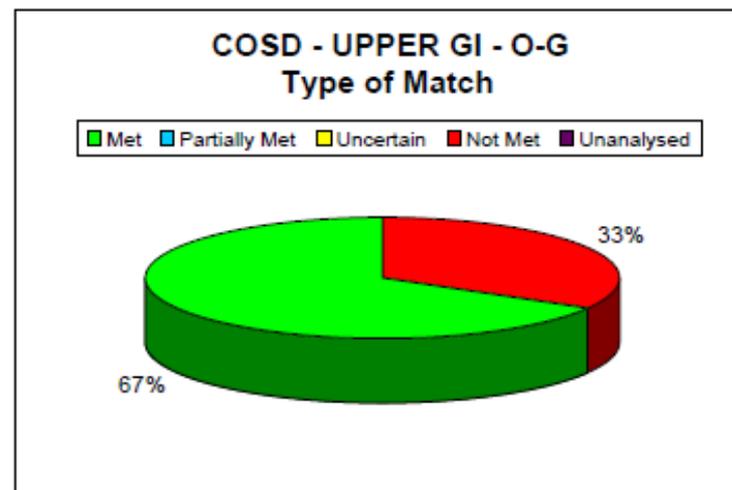
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# COSD Dataset

Dataset Section	# Items
<b>Core</b>	<b>133</b>
<b>Additions to Core</b>	<b>10</b>
Brain	15
Breast	17
Colorectal	28
CTYA*	61
Gynae	5
Haematology*	69
Head & Neck	30
Lung	11
Sarcoma*	10
Skin*	52
<b>Upper GI*</b>	<b>163</b>
Urology	13
<b>TOTAL</b>	<b>617</b>

[COSD](#)

\* Include some disease specific and some repeating data items within the subsets

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# Site specific datasets

LIVER CHOLANGIOCARCINOMA (34)

LIVER HCC (34)

LIVER METS (34)

PANCREATIC (33)

OG (28)

# Data template

## Cancer Outcomes and Services Dataset - CTYA

Version: 0.2

Data Item Name	Description	Format	National Code	National code definition
<b>PROCEDURES</b>				
<b>CONSULTANT CODE - ENDOSCOPIC / RADIOLOGIC THERAPY</b>	The GMC code of the consultant responsible for providing the care to the patient.	an8		<a href="#">CONSULTANT CODE</a>
<b>ENDOSCOPIC PROCEDURE DATE/RADIOLOGICAL PROCEDURE DATE</b>	The date that the first therapeutic endoscopic procedure was performed	an10 ccyy-mm-dd		
<b>TYPE OF ENDOSCOPIC PROCEDURE</b>	The main endoscopic procedures carried out. More than one procedure can be entered.	an1	1	Stent insertion
			2	Laser
			4	Photodynamic therapy
			7	Dilation
			8	other
<b>PHOTODYNAMIC THERAPY</b>	Was photodynamic therapy performed	an2	Y	Yes
			N	No
			99	Unknown
				Insert extra rows here
<b>ANAESTHESIA USED</b>	The type of anaesthetic used during the procedure	an1	1	Sedation
			2	Local anaesthetic spray
			3	General anaesthetic
			4	Sedation and local anaesthetic spray combined
				Insert extra rows here

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# Draft Data items

- **BODY MASS INDEX**
- **FEV1 PERCENTAGE**

## **CARE PLAN**

- **DATE**
- **TREATMENT TYPE**

## **ENDOSCOPIC PROCEDURE**

- **CONSULTANT CODE**
  - **DATE**
  - **TYPE**
  - **PHOTODYNAMIC THERAPY PERFORMED**
  - **ANAESTHESIA USED**
  - **INTENT FOR BILIARY STENT**
  - **SUCCESS OF DEPLOYMENT**
  - **COMPLICATIONS**
- 
- **STAGING LAPAROSCOPY + IOUS**
  - **SURGICAL ACCESS (LAPAROSCOPIC OR OPEN)**
  - **VASCULAR RESECTION AND TYPE**
  - **SURGICAL COMPLICATIONS/ RETURN TO THEATRE**

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# Draft Data Items (2)

## **POST OP LIVER SEGMENTS INVOLVED WITH CANCER**

- **SEGMENT 1**
- **SEGMENT 2**
- **SEGMENT 3**
- **SEGMENT 4**
- **SEGMENT 5**
- **SEGMENT 6**
- **SEGMENT 7**
- **SEGMENT 8**
- **ASA SCORE**
  
- **SURGICAL PALLIATION (HEPATICOJEJUNOSTOMY)**
- **RADIOLOGICAL, PALLIATION (TYPE OF STENT)**
  
- **PRE EXISTING LIVER DISEASE**
- **HEPATITIS STATUS**
- **CHILDS-PUGH SCORE**
- **CLIP SCORE**
- **METASTATIC SITE (AT DIAGNOSIS)**

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# Definitional testing reports

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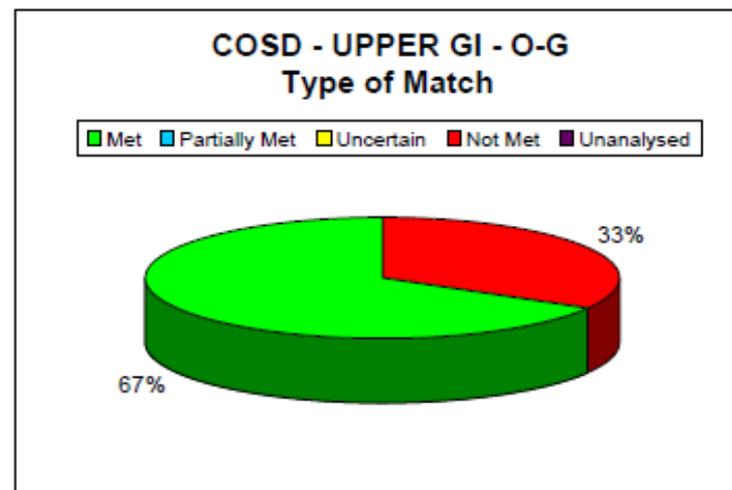
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# Useful links



NHS Information Centre (dataset)

[www.ic.nhs.uk/services/datasets/document-downloads/cancer](http://www.ic.nhs.uk/services/datasets/document-downloads/cancer)

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

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)