

Sarcoma service profiles – a short overview

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Senior Analyst & Profiles Technical Lead

Discuss...

- Profiles... why?
- Sarcoma profiles

Rationale

Unique features of sarcoma

Process

Structure

NCIN Core Objectives

Promoting efficient and effective data collection throughout the cancer journey















































































Providing a common national repository for cancer datasets

Producing expert analyses, to monitor patterns of cancer care

Exploiting information to drive improvements in cancer care and clinical outcomes

Enabling use of cancer information to support audit and research programmes

A PERIODIC TABLE OF VISUALIZATION METHODS

<div><div></div><div>C</div><div>continuum</div></div>	<div><div><div><div></div><div>Data Visualization</div><div>Visual representations of quantitative data in schematic form (either with or without axes)</div></div><div><div></div><div>Information Visualization</div><div>The use of interactive visual representations of data to amplify cognition. This means that the data is transformed into an image, it is mapped to screen space. The image can be changed by users as they proceed working with it</div></div><div><div></div><div>Concept Visualization</div><div>Methods to elaborate (mostly) qualitative concepts, ideas, plans, and analyses.</div></div></div><div><div><div><div></div><div>Strategy Visualization</div><div>The systematic use of complementary visual representations in the analysis, development, formulation, communication, and implementation of strategies in organizations.</div></div><div><div></div><div>Metaphor Visualization</div><div>Visual Metaphors position information graphically to organize and structure information. They also convey an insight about the represented information through the key characteristics of the metaphor that is employed</div></div><div><div></div><div>Compound Visualization</div><div>The complementary use of different graphic representation formats in one single schema or frame</div></div></div></div></div>																<div><div></div><div>G</div><div>graphic facilitation</div></div>
<div><div></div><div>Tb</div><div>table</div></div>	<div><div></div><div>Ca</div><div>cartesian coordinates</div></div>	<div><div><div><div></div><div>Me</div><div>meeting trace</div></div><div><div></div><div>Mm</div><div>metro map</div></div><div><div></div><div>Tm</div><div>temple</div></div><div><div></div><div>St</div><div>story template</div></div><div><div></div><div>Tr</div><div>tree</div></div><div><div></div><div>Ct</div><div>cartoon</div></div></div></div>															
<div><div></div><div>Pi</div><div>pie chart</div></div>	<div><div></div><div>L</div><div>line chart</div></div>	<div><div><div><div></div><div>Co</div><div>communication diagram</div></div><div><div></div><div>Fp</div><div>flight plan</div></div><div><div></div><div>Cs</div><div>concept sceleton</div></div><div><div></div><div>Br</div><div>bridge</div></div><div><div></div><div>Fu</div><div>funnel</div></div><div><div></div><div>Ri</div><div>rich picture</div></div></div></div>															
<div><div></div><div>B</div><div>bar chart</div></div>	<div><div></div><div>Ac</div><div>area chart</div></div>	<div><div></div><div>R</div><div>radar chart cobweb</div></div>	<div><div></div><div>Pa</div><div>parallel coordinates</div></div>	<div><div></div><div>Hy</div><div>hyperbolic tree</div></div>	<div><div></div><div>Cy</div><div>cycle diagram</div></div>	<div><div></div><div>T</div><div>timeline</div></div>	<div><div></div><div>Ve</div><div>venn diagram</div></div>	<div><div></div><div>Mi</div><div>mindmap</div></div>	<div><div></div><div>Sq</div><div>square of oppositions</div></div>	<div><div></div><div>Cc</div><div>concentric circles</div></div>	<div><div></div><div>Ar</div><div>argument slide</div></div>	<div><div></div><div>Sw</div><div>swim lane diagram</div></div>	<div><div></div><div>Gc</div><div>gant chart</div></div>	<div><div></div><div>Pm</div><div>perspectives diagram</div></div>	<div><div></div><div>D</div><div>dilemma diagram</div></div>	<div><div></div><div>Pr</div><div>parameter ruler</div></div>	<div><div></div><div>Kn</div><div>knowledge map</div></div>
<div><div></div><div>Hi</div><div>histogram</div></div>	<div><div></div><div>Sc</div><div>scatterplot</div></div>	<div><div></div><div>Sa</div><div>sankey diagram</div></div>	<div><div></div><div>In</div><div>information lense</div></div>	<div><div></div><div>E</div><div>entity relationship diagram</div></div>	<div><div></div><div>Pt</div><div>petri net</div></div>	<div><div></div><div>Fl</div><div>flow chart</div></div>	<div><div></div><div>Cl</div><div>clustering</div></div>	<div><div></div><div>Lc</div><div>layer chart</div></div>	<div><div></div><div>Py</div><div>minto pyramid technique</div></div>	<div><div></div><div>Ce</div><div>cause-effect chains</div></div>	<div><div></div><div>Tl</div><div>toulmin map</div></div>	<div><div></div><div>Dt</div><div>decision tree</div></div>	<div><div></div><div>Cp</div><div>cpm critical path method</div></div>	<div><div></div><div>Cf</div><div>concept fan</div></div>	<div><div></div><div>Co</div><div>concept map</div></div>	<div><div></div><div>Ic</div><div>iceberg</div></div>	<div><div></div><div>Lm</div><div>learning map</div></div>
<div><div></div><div>Tk</div><div>tukey box plot</div></div>	<div><div></div><div>Sp</div><div>spectrogram</div></div>	<div><div></div><div>Da</div><div>data map</div></div>	<div><div></div><div>Tp</div><div>treemap</div></div>	<div><div></div><div>Cn</div><div>cone tree</div></div>	<div><div></div><div>Sy</div><div>system dyn./ simulation</div></div>	<div><div></div><div>Df</div><div>data flow diagram</div></div>	<div><div></div><div>Se</div><div>semantic network</div></div>	<div><div></div><div>So</div><div>soft system modeling</div></div>	<div><div></div><div>Sn</div><div>synergy map</div></div>	<div><div></div><div>Fo</div><div>force field diagram</div></div>	<div><div></div><div>Ib</div><div>ibis argumentation map</div></div>	<div><div></div><div>Pr</div><div>process event chains</div></div>	<div><div></div><div>Pe</div><div>pert chart</div></div>	<div><div></div><div>Ev</div><div>evocative knowledge map</div></div>	<div><div></div><div>V</div><div>Yee diagram</div></div>	<div><div></div><div>Hh</div><div>heaven 'n' hell chart</div></div>	<div><div></div><div>I</div><div>infomural</div></div>

Cy

Process Visualization

Hy

Structure Visualization




**Overview
Detail**































Detail AND Overview

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Divergent thinking

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Convergent thinking

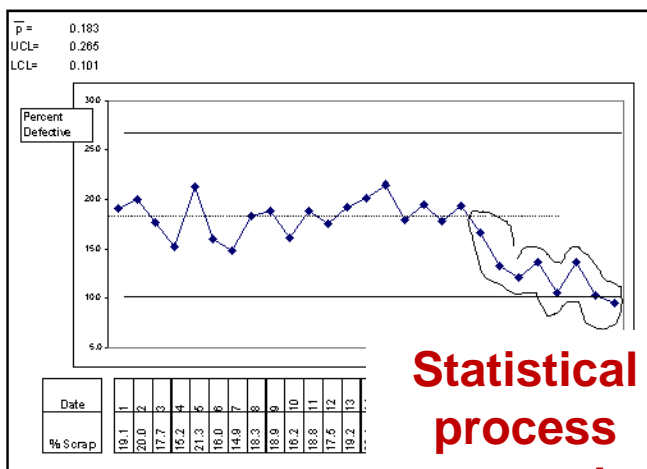
 Su supply demand curve	 Pc performance charting	 St strategy map	 Oc organisation chart	 Ho house of quality	 Fd feedback diagram	 Ft failure tree	 Mq magic quadrant	 Ld life-cycle diagram	 Po porter's five forces	 S s-cycle	 Sm stakeholder map	 Is ishikawa diagram	 Tc technology roadmap
 Ed edgeworth box	 Pf portfolio diagram	 Sg strategic game board	 Mz mintzberg's organigraph	 Z zwick's morphological box	 Ad affinity diagram	 De decision discovery diagram	 Bm bcg matrix	 Stc strategy canvas	 Vc value chain	 Hy hype-cycle	 Sr stakeholder rating map	 Ta taps	 Sd spray diagram

Note: Depending on your location and connection speed it can take some time to load a pop-up picture.

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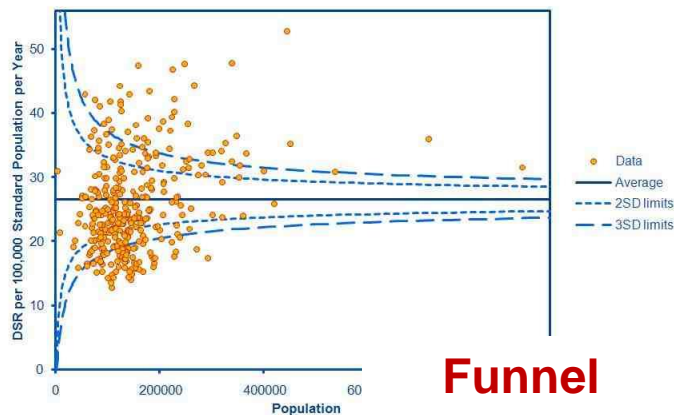
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For example...



**Statistical
process
control**

Lung Cancer Mortality in Under 75s, 2004-06

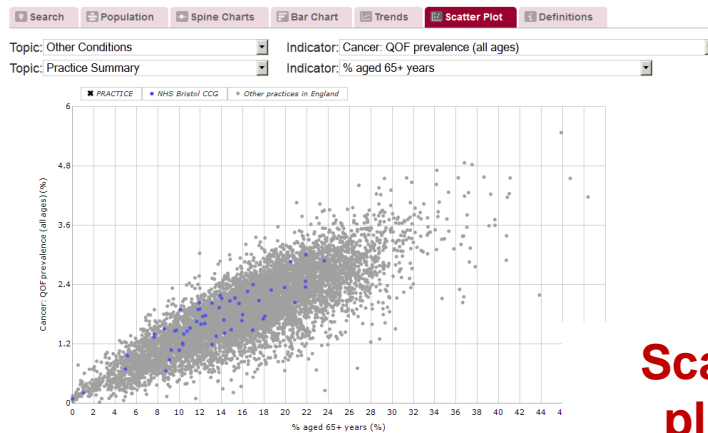


**Funnel
plots**

Source: Compendium of Clinical and Health Indicators, I
Note: Population is adjusted due to Standardisation Calc

PCT Name	updated	Year	East of England	Bedfordshire	Cambridgeshire	East & North Hertfordshire	Great Yarmouth & Lynn	Mid Essex	North Essex	North East Essex	North Essex	South East Essex	South Essex	West Essex	West Essex	West Hertfordshire
Improving lives, saving lives (Pledge II)	Percentage of eligible children in Reception with height and weight measurements	Y	2007/08	87.9	93.6	87.1	95.0	96.1	91.1	76.7	90.9	89.5	84.2	90.0	90.3	88.8
	Percentage of obese children in Reception	Y	2007/08	9.3	8.7	8.9	8.7	10.4	10.6	8.7	9.1	9.0	12.6	8.3	10.8	8.2
	Percentage of eligible children in Year 6 with height and weight measurements	Y	2007/08	84.0	88.9	83.2	86.8	89.7	92.5	83.4	88.5	80.3	67.0	83.2	87.4	85.7
	Percentage of obese children in Year 6	Y	2007/08	16.7	15.1	17.0	16.3	16.6	20.9	15.7	18.0	15.5	19.1	16.9	17.5	17.6
Child Health	Percentage of women smoking at delivery*	Y	2007/08	14.3	19.8	11.6	14.6	DNR	17.6	10.5	13.1	20.4	16.1	14.0	11.3	13.8
	Percentage of maternities with known smoking status	Y	2007/08	98.2	95.8	100.0	100.0	DNR	96.0	95.1	95.5	99.7	100.0	98.8	98.6	99.1
	Percentage of mothers known to initiate breastfeeding*	Y	2007/08	73.0	65.3	79.0	73.8	68.1	DNR	73.8	73.9	67.5	70.3	69.8	73.9	75.8
	Percentage of maternities with known breastfeeding status	Y	2007/08	98.1	95.2	100.0	99.0	97.6	DNR	95.2	99.9	100.0	97.8	98.1	99.4	99.3
Sexual Health	Number of tests for Chlamydia per 100,000 aged 15-24	Y	2008/09 Q2	130.4	180.1	122.4	140.0									
	Teenage conception rates per 1,000 females aged 15-17		2004-06	32.8	32.5	24.9	27.8									
Immunisation	Percentage of children who have had the first dose of MMR by their second birthday	Y	2007/08	84	95.7	94.0	98.4									

Tartan rugs


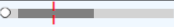

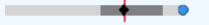









**Scatter
plots**

Profiles...

				Percentage or rate			Trust rate or percentage compared to England					
Section	#	Indicator	No. of patients/cases or value	Trust	Lower 95% Confidence Limit	Upper 95% Confidence Limit	England	Lowest	Range	Highest	Source	Period
Size	G1	Number of new cases managed per year	46	n/a	n/a	n/a	1,222	13		166	CWT	2011
	G2	Number of newly diagnosed patients per year	32	n/a	n/a	n/a	1,455	27		174	NCDR	2010
Demographics	G3	Patients (from #G2) aged 70+	14	44 %	28 %	61 %	28 %	9 %		47 %	NCDR	2010
	G4	Patients (from #G2) with recorded ethnicity	32	100 %	89 %	100 %	96 %	87 %		100 %	NCDR	2010
	G5	Patients (from #G2) with recorded ethnicity which is not White-British	2	6 %	2 %	20 %	15 %	0 %		49 %	NCDR	2010
	G6	Patients (from #G2) who are Income Deprived (1)	n/a	11 %	n/a	n/a	15 %	9 %		22 %	NCDR	2010
	G7	Male patients (from #G2)	12	38 %	23 %	55 %	52 %	38 %		67 %	NCDR	2010
Specialist Team	G8	Peer review: Does the specialist team have full membership? (2)	PR	No	n/a	n/a	n/a	n/a	n/a	n/a	NCPR	2011/2012
	G9	Peer review: Proportion of peer review indicators met	PR	58 %	n/a	n/a	71 %	44 %		94 %	NCPR	2011/2012
	G10	Peer review: are there immediate risks? (3)	PR	No	n/a	n/a	n/a	n/a	n/a	n/a	NCPR	2011/2012
	G11	Peer review: are there serious concerns? (3)	PR	Yes	n/a	n/a	n/a	n/a	n/a	n/a	NCPR	2011/2012
	G12	CPES: Patients surveyed and % reporting being given name of a CNS (4)	21	85 %	n/a	n/a	79 %	63 %		89 %	CPES	2011/2012
Throughput	G13	Number of urgent GP referrals for suspected cancer	188	n/a	n/a	n/a	2,327	1		516	CWT	2011/2012
	G14	Estimated proportion of tumours with emergency presentations [experimental]	n/a	2 %	0 %	9 %	7 %	1 %		17 %	HES	2011/2012
Waiting Times	G15	Urgent GP referrals for suspected cancer seen within 2 weeks	70	96 %	89 %	99 %	97 %	88 %		100 %	CWT	2013/14 Q2
	G16	Treatment within 62 days of urgent GP referral for suspected cancer	6	80 %	43 %	91 %	79 %	58 %		100 %	CWT	2013/14 Q2
	G17	Urgent GP referrals for suspected cancer diagnosed with cancer [experimental]	18	10 %	6 %	15 %	7 %	0 %		100 %	CWT	2011
	G18	Cases treated that are urgent GP referrals for suspected cancer [experimental]	12	30 %	18 %	45 %	20 %	7 %		42 %	CWT	2011/2012
	G19	First treatment began within 31 days of decision to treat	9	100 %	70 %	100 %	97 %	87 %		100 %	CWT	2013/14 Q2
Practice Outcomes and Secondary	Sar1	Patients attending trust within the time frame and % first or only	32	76 %	61 %	87 %	64 %	37 %		87 %	NCDR/HES	2010
	Sar2	Percentage receiving surgical treatment	32	76 %	61 %	87 %	74 %	22 %		93 %	NCDR/HES	2010
	Sar3	Percentage with stage recorded at cancer registry (data at registry level)	0	n/a	n/a	n/a	0.7 %	0.0 %		1.8 %	NCDR/HES	2010
Patient Experience	Sar4	Percentage surgical episodes followed by emergency admission within 30 days	2	5 %	1 %	18 %	13 %	3 %		21 %	NCDR/HES	2010
	G20	Patients surveyed & % reporting always being treated with respect & dignity (5)	21	n/a	n/a	n/a	81 %	56 %		93 %	CPES	2011/2012
	G21	Number of viable survey questions and % of those questions scoring red (6)	38	42 %	n/a	n/a	n/a	1 %	n/a	64 %	CPES	2011/2012
	G22	Number of viable survey questions and % of those questions scoring green (6)	38	18 %	n/a	n/a	n/a	0 %	n/a	48 %	CPES	2011/2012

Profiles... why?

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				Trust	Lower 95% Confidence Limit	Upper 95% Confidence Limit	England	Lowest	Range			Highest
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	G6	Patier										2010
	G7	Male										2010
Specialist Team	G8	Peer i										2011/2012
	G9	Peer i										2011/2012
	G10	Peer i										2011/2012
	G11	Peer i										2011/2012
	G12	CPES										2011/2012
Throughput	G13	Numb										2011/2012
	G14	Estim										2011/2012
Waiting times	G15	Urgen										2013/14 Q2
	G16	Treatr										2013/14 Q2
	G17	Urgen										2011
	G18	Cases										2011/2012
	G19	First treatment began within 31 days of decision to treat	9	100 %	70 %	100 %	97 %	87 %		100 %	CWT	2013/14 Q2
Practice	Sar1	Patients attending trust within the time frame and % first or only	32	76 %	61 %	87 %	64 %	37 %		87 %	NCDR/HES	2010
	Sar2	Percentage receiving surgical treatment	32	76 %	61 %	87 %	74 %	22 %		93 %	NCDR/HES	2010
	Sar3	Percentage with stage recorded at cancer registry (data at registry level)	0	n/a	n/a	n/a	0.7 %	0.0 %		1.8 %	NCDR/HES	2010
Subsides and recovery	Sar4	Percentage surgical episodes followed by emergency admission within 30 days	2	5 %	1 %	18 %	13 %	3 %		21 %	NCDR/HES	2010
Patient Experience	G20	Patients surveyed & % reporting always being treated with respect & dignity (5)	21	n/a	n/a	n/a	81 %	56 %		93 %	CPES	2011/2012
	G21	Number of viable survey questions and % of those questions scoring red (6)	38	42 %	n/a	n/a	n/a	1 %	n/a	64 %	CPES	2011/2012
	G22	Number of viable survey questions and % of those questions scoring green (6)	38	18 %	n/a	n/a	n/a	0 %	n/a	48 %	CPES	2011/2012

- Assess and benchmark a wide range of information at organisation level
- Allows a ‘at a glance’ assessment of an organisation
- “The 30-40 most useful bits of information about my service”

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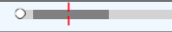



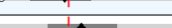
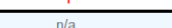










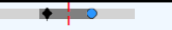




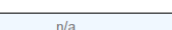

Unique features of Sarcoma

- Complex definition – topological *and* morphological coding
- Coding (especially C48) is murky
- Small number of specialist centres... which don't care for all sarcoma patients

Sarcoma profiles – process

- Aim: Benchmark and assess trust/MDT for commissioning & clinical review
- Published Sept 2013 (developed from similar Breast/Colorectal profiles published Dec 2011, Feb 2013). [Pre-dates COSD]
- Data – cancer registry, CWT, CPES, HES, Peer Review
- Indicators split between generic and specialist.
- Specialist indicators largely drawn from HES/registry & incorporate Clinical Lines of Enquiry
- A NCIN / WMKIT co-production
- Hosted in the Cancer Commissioning Toolkit

Profile structure

				Percentage or rate				Trust rate or percentage compared to England				
Section	#	Indicator	No. of patients/cases or value	Trust	Lower 95% Confidence Limit	Upper 95% Confidence Limit	England	Lowest	Range	Highest	Source	Period
Size	G1	Number of new cases managed per year	46	n/a	n/a	n/a	1,222	13		166	CWT	2011
	G2	Number of newly diagnosed patients per year	32	n/a	n/a	n/a	1,455	27		174	NCDR	2010
Demographics	G3	Patients (from #G2) aged 70+	14	44 %	28 %	61 %	28 %	9 %		47 %	NCDR	2010
	G4	Patients (from #G2) with recorded ethnicity	32	100 %	89 %	100 %	96 %	87 %		100 %	NCDR	2010
	G5	Patients (from #G2) with recorded ethnicity which is not White-British	2	6 %	2 %	20 %	15 %	0 %		49 %	NCDR	2010
	G6	Patients (from #G2) who are Income Deprived (1)	n/a	11 %	n/a	n/a	15 %	9 %		22 %	NCDR	2010
	G7	Male patients (from #G2)	12	38 %	23 %	55 %	52 %	38 %		67 %	NCDR	2010
Specialist Team	G8	Peer review: Does the specialist team have full membership? (2)	PR	No	n/a	n/a	n/a	n/a		n/a	NCPR	2011/2012
	G9	Peer review: Does the specialist team have full membership? (2)	PR					44 %				
	G10	Peer review: Does the specialist team have full membership? (2)	PR					n/a				
	G11	Peer review: Does the specialist team have full membership? (2)	PR					n/a				
	G12	CPES: I	21					63 %				
Throughput	G13	Number of patients seen per week	188					1				
	G14	Estimated number of patients seen per week [experimental]	n/a					1 %		17 %	HES	2011/2012
Waiting Times	G15	Urgent GP referrals for suspected cancer seen within 2 weeks	70	96 %	89 %	99 %	97 %	88 %		100 %	CWT	2013/14 Q2
	G16	Treatment within 62 days of urgent GP referral for suspected cancer	6	80 %	43 %	91 %	79 %	58 %		100 %	CWT	2013/14 Q2
	G17	Urgent GP referrals for suspected cancer diagnosed with cancer [experimental]	18	10 %	6 %	15 %	7 %	0 %		100 %	CWT	2011
	G18	Cases treated that are urgent GP referrals for suspected cancer [experimental]	12	30 %	18 %	45 %	20 %	7 %		42 %	CWT	2011/2012
	G19	First treatment began within 31 days of decision to treat	9	100 %	70 %	100 %	97 %	87 %		100 %	CWT	2013/14 Q2
Practices	Sar1	Patients attending trust within the time frame and % first or only	32	76 %	61 %	87 %	64 %	37 %		87 %	NCDR/HES	2010
	Sar2	Percentage receiving surgical treatment	32	76 %	61 %	87 %	74 %	22 %		93 %	NCDR/HES	2010
	Sar3	Percentage with stage recorded at cancer registry (data at registry level)	0	n/a	n/a	n/a	0.7 %	0.0 %		1.8 %	NCDR/HES	2010
Diagnosis and Recovery	Sar4	Percentage surgical episodes followed by emergency admission within 30 days	2	5 %	1 %	18 %	13 %	3 %		21 %	NCDR/HES	2010
Patient Experience	G20	Patients surveyed & % reporting always being treated with respect & dignity (5)	21	n/a	n/a	n/a	81 %	56 %		93 %	CPES	2011/2012
	G21	Number of viable survey questions and % of those questions scoring red (6)	38	42 %	n/a	n/a	n/a	1 %		64 %	CPES	2011/2012
	G22	Number of viable survey questions and % of those questions scoring green (6)	38	18 %	n/a	n/a	n/a	0 %		48 %	CPES	2011/2012

**Indicator
descriptions
(27)**

**Numbers,
rates, and
comparators**

**Spine chart &
range of data**

**Sources &
Dates**

Profile structure

			Percentage or rate			Trust rate or percentage compared to England						
Section	#	Indicator	No. of patients/cases	Trust	Lower 95% Confidence	Upper 95% Confidence	England	Lowest	Range	Highest	Source	Period
Size	G1	Number of new cases managed per year								166	CWT	2011
	G2	Number of newly diagnosed patients per year								174	NCDR	2010
Demographics	G3	Patients (from #G2) aged 70+	14	44 %	28 %	61 %	28 %	9 %		47 %	NCDR	2010
	G4	Patients (from #G2) with recorded ethnicity	23	100 %	90 %	100 %	92 %	97 %		100 %	NCDR	2010
	G5	Patients (from #G2) with recorded ethnicity which is not White-British								49 %	NCDR	2010
	G6	Patients (from #G2) who are Income Deprived (1)								22 %	NCDR	2010
	G7	Male patients (from #G2)	12	38 %	23 %	55 %	52 %	38 %		67 %	NCDR	2010
Specialist Team	G8	Peer review: Does the specialist team have full membership? (2)	PK	NO	n/a	n/a	n/a	n/a		n/a	NCDR	2011/2012
	G9	Peer review										2011/2012
	G10	Peer review										2011/2012
	G11	Peer review										2011/2012
	G12	CPES: Patients surveyed and % reporting being given name of a CNS (4)	21	85 %	n/a	n/a	79 %	63 %		89 %	CPES	2011/2012
Throughput	G13	Number of urgent GP referrals for suspected cancer								516	CWT	2011/2012
	G14	Estimated proportion of tumours with emergency presentation								17 %	HES	2011/2012
Waiting Times	G15	Urgent GP referrals for suspected cancer seen within 2 weeks	10	90 %	69 %	99 %	91 %	66 %		100 %	CWT	2013/14 Q2
	G16	Treatment within 62 days of urgent GP referral for suspected cancer	6	80 %	43 %	91 %	79 %	58 %		100 %	CWT	2013/14 Q2
	G17	Urgent GP referral										2011
	G18	Cases treated										2011/2012
	G19	First treatment began within 31 days of decision to treat	9	100 %	70 %	100 %	97 %	87 %		100 %	CWT	2013/14 Q2
Clinical Practice	Sar1	Patients attending trust within the time frame and % first or only	32					37 %		87 %	NCDR/HES	2010
	Sar2	Percentage receiving surgical treatment	32					22 %		93 %	NCDR/HES	2010
	Sar3	Percentage with stage recorded at cancer registry (data at registry level)	32					n/a		1.8 %	NCDR/HES	2010
Outcomes and Recovery	Sar4	Percentage surgical episodes followed by emergency admission within 30 days								21 %	NCDR/HES	2010
Patient Experience	G20	Patients surveyed & % reporting always being treated with respect & dignity (5)								95 %	CPES	2011/2012
	G21	Number of viable survey questions and % of those questions scoring red (6)	36	12 %	0 %	24 %	0 %	1 %	n/a	64 %	CPES	2011/2012
	G22	Number of viable survey questions and % of those questions scoring green (6)	36	88 %	76 %	100 %	100 %	1 %	n/a	48 %	CPES	2011/2012

Profiles – Size and Patient Demographics

Section	#	Indicator
Size	G1	Number of new cases managed per year
	G2	Number of newly diagnosed patients per year
Demographics	G3	Patients (from #G2) aged 70+
	G4	Patients (from #G2) with recorded ethnicity
	G5	Patients (from #G2) with recorded ethnicity which is not White-British
	G6	Patients (from #G2) who are Income Deprived (1)
	G7	Male patients (from #G2)

Profiles – Specialist Team and Throughput

Specialist Team	G8	Peer review: Does the specialist team have full membership? (2)
	G9	Peer review: Proportion of peer review indicators met
	G10	Peer review: are there immediate risks? (3)
	G11	Peer review: are there serious concerns? (3)
	G12	CPES: Patients surveyed and % reporting being given name of a CNS (4)
Throughput	G13	Number of urgent GP referrals for suspected cancer
	G14	Estimated proportion of tumours with emergency presentations [experimental]

Profiles – Specialist / CLE

Outcomes Practice and Recovery	Sar1	Patients attending trust within the time frame and % first or only
	Sar2	Percentage receiving surgical treatment
	Sar3	Percentage with stage recorded at cancer registry (data at registry level)
Outcomes Practice and Recovery	Sar4	Percentage surgical episodes followed by emergency admission within 30 days

Profiles – Further CPES

Patient Experience	G20	Patients surveyed & % reporting always being treated with respect & dignity (5)
	G21	Number of viable survey questions and % of those questions scoring red (6)
	G22	Number of viable survey questions and % of those questions scoring green (6)

Sarcoma profiles overview

- Contain many relevant process, clinical, and outcome indicators
- Opportunity to combine new and existing data sources into new clinical indicators
- Profile format is strong at assessing and benchmarking organisations (but not the whole story)



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