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TABLES

Table 1

Surrogate clinical outcome measures for breast cancer proposed by the BCCOM Project team

Proposed surrogate clinical outcome measures
1. Number and proportion of breast cancers for which complete information is received
2. Number of symptomatic and screen-detected breast cancers treated in a hospital per annum
3. Number and proportion of breast cancers for which there is a pre-operative diagnosis
4. Number and proportion of breast cancers given medical treatment only
5. Number and proportion of breast cancers treated surgically
6. Mastectomy rate by size of breast : <15; >=15 and <=20; >20 and <=35; >35 and <=50; >50mm invasive diameter
7. Number and proportion of invasive breast cancers for which nodal status is known
8. Number and proportion of histologically node negative invasive breast cancers for which more than seven nodes were harvested
9. Number and proportion of invasive breast cancers treated by breast conserving surgery and receiving radiotherapy
10. Number and proportion of node positive patients with invasive breast cancers, aged 60 or under, receiving chemotherapy
11. Number and proportion of patients with ER positive invasive breast cancers, receiving hormone therapy

Table 2
Participation by Regions and Celtic Countries in Years 1, 2 and 3 of the BCCOM Project

Region or Celtic country	Diagnosis year				% Eligible cases year 3
	2002	2003	2004	2002-2004	
	BCCOM Year 1	BCCOM Year 2	BCCOM Year 3	TOTAL	
Eastern	1,691	997	1,507	4,195	65
North West	1,091	524	1,397	3,012	41
Northern and Yorkshire	2,419	2,029	1,910	6,358	52
Northern Ireland	640	367	432	1,439	45
Oxford	1,341	1,442	899	3,682	62
Scotland	934	181	1,836	2,951	49
South West	3,253	1,001	2,234	6,488	54
Thames	1,750	2,709	1,530	5,989	29
Trent	408	1,588	1,453	3,449	52
Wales	351	952	1,201	2,504	94
West Midlands	2,529	2,330	2,340	7,199	77
TOTAL	16,407	14,120	16,739	47,266	52

Table 3
Participation by surgeons in Year 3 of the BCCOM Project (cases diagnosed in 2004)

Region Celtic Country	Eligible (*) Surgeons			Eligible Surgeons who submitted data			Take up BCCOM Year 3	
	Number of surgeons	Number of cases	Average cases/surgeon	Number of surgeons	Number of cases	Average cases/surgeon	% eligible surgeons	% eligible cases
Eastern	42	2,314	55	15	1,507	100	35.7%	65.1%
North West	66	3,442	52	20	1,397	70	30.3%	40.6%
Northern & Yorkshire	55	3,692	67	25	1,910	76	45.5%	51.7%
Northern Ireland	16	962	60	6	432	72	37.5%	44.9%
Oxford	18	1,447	80	12	899	75	66.7%	62.1%
Scotland	46	3,767	82	30	1,836	61	65.2%	48.7%
South West	56	4,121	74	27	2,234	83	48.2%	54.2%
Thames	77	5,283	69	18	1,530	85	23.4%	29.0%
Trent	35	2,782	79	15	1,453	97	42.9%	52.2%
Wales	28	1,276	46	18	1,201	67	64.3%	94.1%
West Midlands	49	3,027	62	35	2,340	67	71.4%	77.3%
TOTAL	488	32,113	66	221	16,739	76	45.3%	52.1%

(*): surgeons were eligible if they treated 6 or more symptomatic breast cancer cases in 2004

Table 4
Characteristics of the invasive breast cancers included in Year 3 of the BCCOM Project
(cases diagnosed in 2004)

Invasive breast cancers diagnosed in 2004		All invasive (15,540)			Surgically treated only (11,725)		
		No. of cases	%	% (when known)	No. of cases	%	% (when known)
Nodal status	Positive	4941	31.8%	48%	4754	40.5%	47%
	Negative	5332	34.3%	52%	5287	45.1%	53%
	Unknown	5267	33.9%	na	1684	14.4%	na
Grade	I	1862	12.0%	14%	1501	12.8%	14%
	II	6371	41.0%	48%	5073	43.3%	46%
	III	5152	33.2%	38%	4449	37.9%	40%
	Unknown	2155	13.9%	na	702	6.0%	na
Invasive size	<15mm	2544	16.4%	22%	2360	20.1%	22%
	15-<20mm	2340	15.1%	20%	2220	18.9%	20%
	20-<50mm	5862	37.7%	50%	5472	46.7%	50%
	50+mm	968	6.2%	8%	849	7.2%	8%
	Unknown	3826	24.6%	na	824	7.0%	na
NPI	EPG + GPG + MPG1	4896	31.5%	51%	4816	41.1%	51%
	MPG2 + PPG	4673	30.1%	49%	4567	39.0%	49%
	Unknown	5971	38.4%	na	2342	20.0%	na
Surgery	Breast conserving surgery	5583	35.9%	41%	5583	47.6%	na
	Mastectomy	6142	39.5%	45%	6142	52.4%	na
	No surgery	2034	13.1%	15%	na	na	na
	Unknown	1781	11.5%	na	na	na	na