

BCCOM Update

NCIN Breast TSSG Clinical Leads Workshop
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Launch of BCCOM Online 2011/2012



- **Online portal** developed as an extension of the **ENCORE** (*English National Cancer Online Registration Environment*) national cancer registration platform
- **Launched** in June 2011
- **Access:** Surgeons log in, access, amend and sign off their data online. To minimise the risk of disclosure, surgeons can access only their assigned patients
- **Functionalities**
 - **Reassign** a patient to another surgeon
 - **Claim** a patient not on their list
 - Messages on **missing/ unknown patients** automatically sent to BCCOM administrator who can investigate and re-assign patients if appropriate
 - Cases listed in order of **priority**: top of the list are cases for which the information provided by the cancer registry seems to either omit important data or contain unexpected data. Participants can choose to only validate these cases, and submit the other cases as 'unchecked'

Participation in BCCOM Online - 2011/2012



Cancer Registry	Surgeons invited to validate BCCOM data	Surgeon with BCCOM Online account	Invited surgeons with BCCOM Online account (%)
Eastern	38	24	63%
North West	48	26	54%
Northern & Yorkshire	46	33	72%
Oxford	19	10	53%
South West	43	39	91%
Thames	69	33	48%
Trent	32	25	78%
Wales	22	15	68%
West Midlands	44	37	84%
TOTAL	361	242	67%

Participation in BCCOM online - 2011/2012



Cancer Registry	Surgeons invited to validate BCCOM data	Surgeons validating BCCOM Online data	
		Number	%
Eastern	38	14	37%
North West	48	12	25%
Northern & Yorkshire	46	16	35%
Oxford	19	3	16%
South West	43	11	26%
Thames	69	10	14%
Trent	32	17	53%
Wales	22	4	18%
West Midlands	44	14	32%
TOTAL	361	101	28%

Cases validated via BCCOM Online - 2011/2012



Cancer Registry	Available online for validation	Total validated	% cases validated
Eastern	3,134	1,062	34%
North West	3,340	684	20%
Northern & Yorkshire	3,627	797	22%
Oxford	1,692	207	12%
South West	4,399	777	18%
Thames	6,488	637	10%
Trent	2,472	1,139	46%
Wales	1,933	416	22%
West Midlands	3,385	818	24%
TOTAL	30,470	6,537	21%

BCCOM Online Summary

- 2011/2012



- **34,743 eligible cases (symptomatic breast cancer patients diagnosed in 2008)**
 - **88% (30,470) of eligible cases could be made available online for validation by a named surgeon**
 - **19% (6,537) of eligible cases were validated online (i.e. 21% of cases available for online validation)**
 - **94% of validated cases were partially or fully checked**
- **361 Consultant Surgeons invited to take part**
 - **67% (242) of invited surgeons accessed BCCOM Online**
 - **28% (101) of invited surgeons accessed and validated their BCCOM data**
- ***18,032 cases were submitted to BCCOM previous round (211 surgeons). However, at least 25% of these cases were submitted as “Unchecked”***

BCCOM Online surgeons' feedback - 2011/2012



- **Survey carried out in March 2012 asking surgeons for feedback on BCCOM Online**
 - **321** surgeons were invited to take part in an online survey, whether or not they submitted data to BCCOM Online.
 - **106** (33%) surgeons completed the survey
 - ❖ **44** (42%) had validated their BCCOM data,
 - ❖ **27** (25%) had created their BCCOM Online account but not validated their data
 - ❖ **35** (33%) had not taken part
 - Lack of time was the reason 43% of those who had created their BCCOM Online account did not validate their data. Other reasons
 - ❖ insufficient resources (22%)
 - ❖ difficulty in accessing the BCCOM website (19%)
 - 43% of non-participants said that support from a data manager would encourage them to take part in future

BCCOM Online surgeons' feedback - 2011/2012



- **Main suggestions from survey participants**
 - More guidance
 - More advanced notice / reminders
 - Provide feature such as uploading MDT data
 - Alternative methods to provide passwords

BCCOM Online surgeons' reports – March 2012



- **Granularity** - treating-surgeon level, whether surgeon has taken part in BCCOM or not
- **Benchmarking** - each surgeon's results compared with England + Wales + Northern Ireland results (validated or not), and with validated England + Wales + Northern Ireland results
- **Content - measures based on:**
 - **CLE:** Breast Clinical Lines of Enquiry Briefing Paper for National Cancer Peer Review 2011-2012
 - **NICE:** National Institute For Health and Clinical Excellence - Quality standard for breast cancer (August 2011)
 - **NHSBSP** audit of screen-detected breast cancers 1 April 2009 to 31 March 2010
 - **BCCOM:** list of outcome measures/ items flagged as parameters to check in priority/ items specific to audit process
- **Access to report** - online, secure site for surgeons to access their individual report

BCCOM Online surgeons' reports – March 2012



Figure 5: Proportion of invasive breast cancers tested for HER2 status

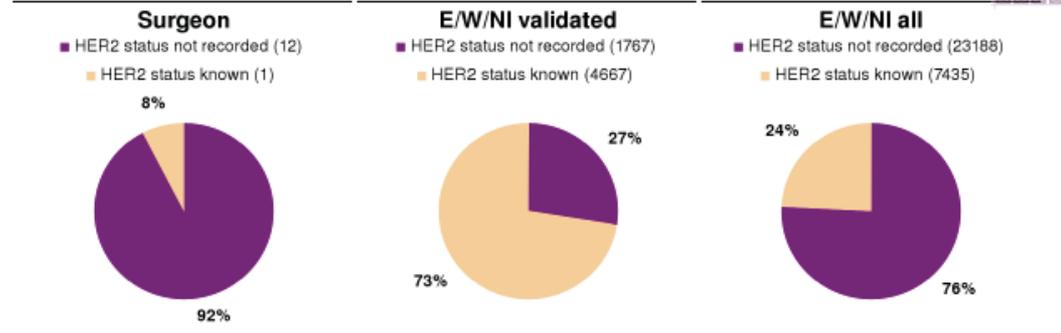
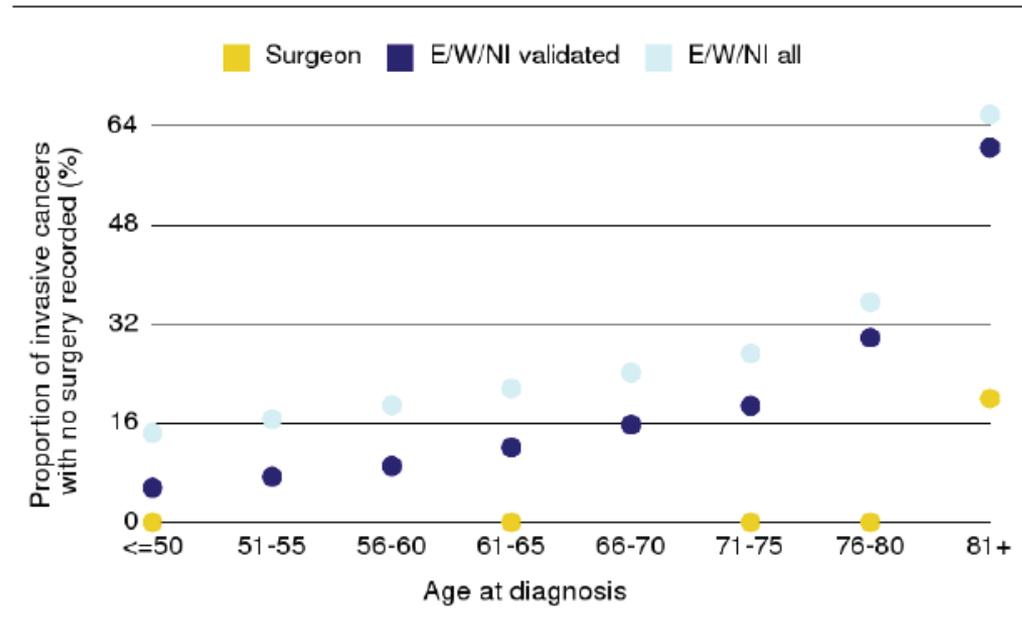


Figure 6: Variation with age in the number of invasive breast cancers with no breast surgery recorded



BCCOM Online surgeons' reports – March 2012



Table 10: Use of sentinel lymph node biopsy (SNLB) in management of invasive symptomatic breast cancers diagnosed in 2008

Sentinel Lymph Node Biopsy?	Surgeon		E/W/NI validated		E/W/NI all	
	N ^o cases	%	N ^o cases	%	N ^o cases	%
Yes SNLB	1	7.7%	2,289	35.6%	8,152	26.6%
No SNLB	1	7.7%	3,098	48.2%	3,189	10.4%
Unknown	11	84.6%	1,047	16.3%	19,282	63.0%
Total	13	100.0%	6,434	100.0%	30,623	100.0%

Table 11: Variation with age in radiotherapy (RT) for invasive symptomatic breast cancers treated with breast conserving surgery

Age at diagnosis	Surgeon			E/W/NI validated			E/W/NI all		
	N ^o with BCS	BCS, known to have RT		N ^o with BCS	BCS, known to have RT		N ^o with BCS	BCS, known to have RT	
		Number	%		Number	%		Number	%
<=50	1	-	0.0%	816	745	91.3%	3,728	2,244	60.2%
51-55	-	-	na	241	219	90.9%	998	594	59.5%
56-60	-	-	na	282	264	93.6%	1,049	681	64.9%
61-65	2	-	0.0%	239	221	92.5%	1,052	671	63.8%
66-70	-	-	na	181	155	85.6%	760	501	65.9%
71-75	-	-	na	188	157	83.5%	911	607	66.6%
76-80	-	-	na	203	158	77.8%	889	527	59.3%
81+	-	-	na	166	91	54.8%	704	304	43.2%
Total	3	-	0.0%	2,316	2,010	86.8%	10,091	6,129	60.7%

BCCOM Online

second round – 2012/13



- **Changes introduced**

- **Dataset England**

- ❖ Step 1 - Source dataset provided by Cancer Registries based on COSD* definitions - i.e. pursue the integration of national breast cancer audit and cancer registration. [*Cancer Outcomes and Services Database]
- ❖ Step 2 - Cancer Registries data supplemented by information recorded on Hospital Episode Statistics and National Cancer Waiting Times Monitoring Dataset
- ❖ Breast units with good quality in-house data invited to upload

- **Dataset Wales** - Provided by Cancer Registry based on CANISC [Cancer Network Information System Cymru]

- **Dataset Scotland** - Discussion ongoing with plan to obtain merge dataset: cancer network breast audit data, hospital discharge records and cancer registry data

- **(Dataset Northern Ireland - unchanged)** - Provided by Cancer Registries with direct input from local surgeons

BCCOM Online second round – 2012/13



- **Changes introduced (*continued*)**
 - **Timeliness:** Audit patients diagnosed in **2010** (i.e. omit 2009)
 - **Online website:** Improvements planned based on feedback received from participants
- **Timetable:** Launch planned May 2012



Thankyou
Thankyou

