

# Unexplained National Differences in the Management of DCIS: the Sloane Project Experience

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www.sloaneproject.org.uk





# The Sloane Project – Background and Aims

#### Background

- Uncertainties about natural history, invasive potential and optimal treatment
- Clinical trials have produced conflicting results

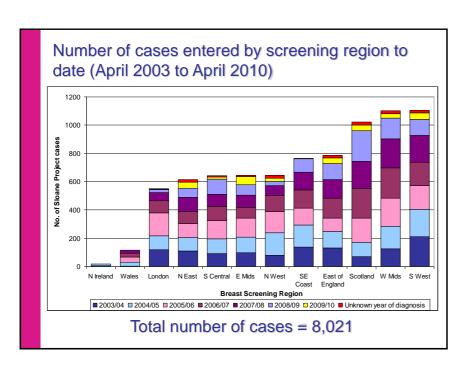
#### Aims

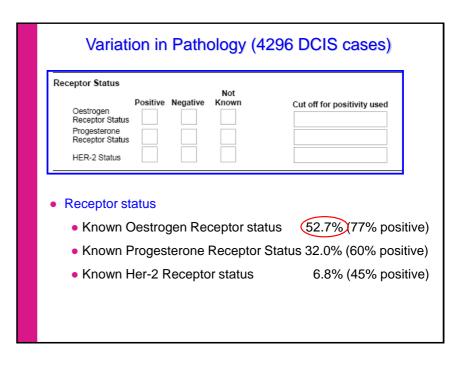
- To improve knowledge about the diagnosis, treatment and clinical outcomes of screen detected carcinoma in situ and atypical hyperplasias
- To enable patients and health care professionals to make more informed choices regarding treatment in the future

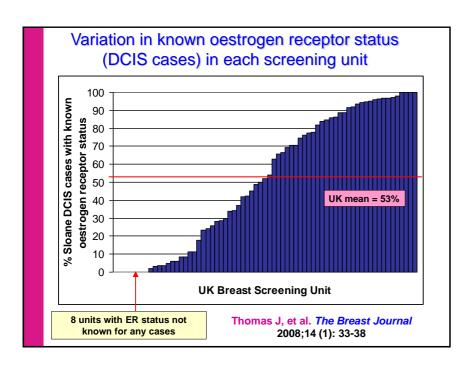
Named after the late Professor John Sloane

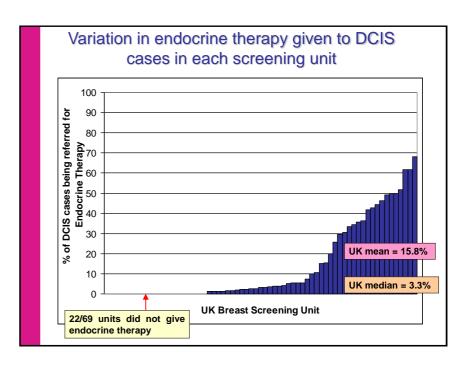








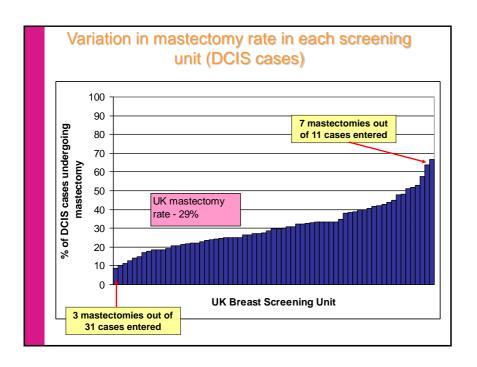


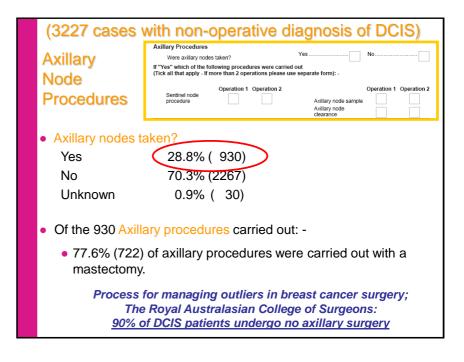


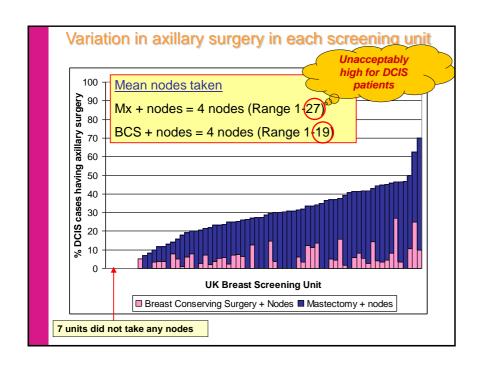
## **ER Status and Endocrine Therapy**

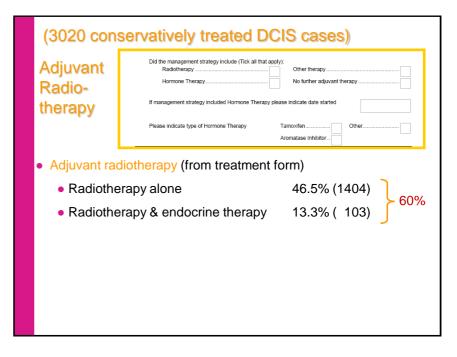
- Receptor status of DCIS cases was reviewed along with the cut off criteria for negative/positive status-determination for those cases
- Findings suggested that a wide range of cut-off values are being applied in laboratories across the UK. Reporting practice was also inconsistent within laboratories
- There is a need to standardise reporting of receptor status and give clear guidance on scoring methodologies and cut-off points
- There is wide variation between screening units in the endocrine therapy given to DCIS cases BUT
- NICE Clinical Guideline 80 on the Diagnosis and treatment of early and locally advanced breast cancer (February 2009) states that Tamoxifen should not be prescribed to patients with non-invasive breast cancer

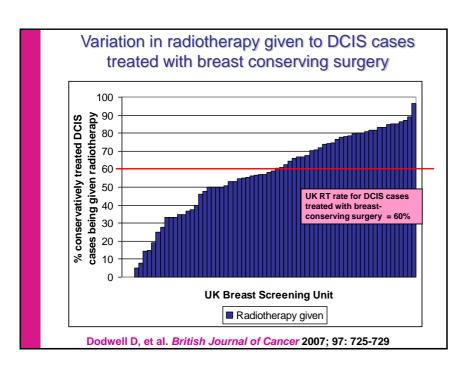
Variation in Surgical Treatment	Surgical Procedure(s) Total number of operations perfortion 2 please use separate form Was there a pre-operative diagnot Operation 1 Date (ddmmhlyr)	for operation 3 onwards)	Yes No Operation 2 Date (dd/mm/y)
(4296 DCIS	Grade of surgeon performing operation		Grade of surgeon performing operation
cases)	portorning operation		performing operation
odoco,			
<ul> <li>Non-operative diagnosis of DCIS</li> </ul>			
Yes 8	4.2% (3617)		
No	14.2%	610)	
Unknown/unrecorded 1.6% (69)			
Number of operations			
1 op 71	.5% (3070)		
2 or more ops 28	3.4% (1222)		h
No surgery C	0.1% ( 4)	,	The Sloane Project Understanding non-invasive breast disease
			6











# Variation in radiotherapy (RT) given to DCIS cases treated with breast conserving surgery (BCS)

- There is a marked variation in the use of RT by breast screening units within the UK
- Overall, patients with DCIS treated with BCS were significantly more likely to have RT planned (and given) if they had large (≥15 mm), intermediate or high-grade tumours or if central comedo-type necrosis was present
- Unexpectedly, margin width did not appear to have a significant effect on the decision-making process

### Recurrences and deaths(as of April 2010)

- 78 (3%) local recurrences, contralateral disease or metastases have been identified from the follow up data collected to date
- 146 deaths (1.85%) have been identified to date of which 15 are known to be due to breast cancer
- Initial results show that women with diagnosed with DCIS in the Sloane Project are more likely to die of a cause other than their DCIS primary
- Regional QA Reference Centres will be actively following up data all Sloane cases diagnosed in 2003/04 and 2004/05 (minimum 5 years follow-up)
- The information obtained will be matched to information from other sources such as HES and cancer registry data to see if passive follow-up data can be relied upon in the future

#### **Further Information**

- Further information and electronic copies of data forms and publication including the Sloane Project Annual Reports and Newsletters are available on the website
- NICE guidelines on early and locally advanced breast cancer: diagnosis and treatment (February 2009) recommend all patients with screen-detected DCIS are entered into the Sloane Project. http://www.nice.org.uk/CG80



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