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Abstract Group: 11.1. Lung Cancer

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Title: Patient outcome and factors influencing lack of histology in patients with clinical diagnosis of lung cancer

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Body: Introduction The Department of Health recommends 75% of patients diagnosed with lung cancer should have histology confirmed(1). We review patients in our area with clinical diagnosis to determine factors influencing lack of tissue diagnosis. Methods Data review of patients diagnosed with lung cancer 1/1-31/12/2010. Somerset cancer registry was data analysed for factors leading to lack of tissue diagnosis, treatment offered and patient survival time. Results 122 patients were diagnosed with lung cancer in 2010. 38(31%) had no histological diagnosis. 17(45%) were male. 26(68%) were aged over 75. 35(92%) were investigated out of area(OOA), 1 refused and 1 was unfit

		PS		
		0-2(n=13)	3-4(n=23)	U
Investigations	Refused	3	2	0
	Died	0	1	0
	Failed	5	4	0
	Not amenable	3	0	0
	OOA	0	1	0
	Active monitoring	0	1	0
Treatment	Unfit	2	14	2
	Surgery	1	0	0
	Radical XRT	4	0	0
	Palliative oncology	2	0	0
	Best supportive care	6	22	2
Survival	Active monitoring	0	1	0
	<1/12	3	9	2
	1-3/12	3	10	0
	3-6/12	1	3	0

	>6/12	2	1	0
	Still alive	4	0	0

Of the 18 unfit for investigation, 10(56%) survived <1/12, 8(44%) survived 1-3/12. 4 of 5 patients who had curative intent at time of audit. Conclusion The DoH target for histological diagnosis wasn't met in our area but there were justifiable reasons in the majority. Viewing patients holistically must take precedence. Poor PS predicts poor outcome and hence reasons for not aggressive investigation. Reference 1. National Lung Cancer Audit Report for the audit period 2010. 2011 www.ic.nhs.uk/webfiles/Services/NCASP/audits%20and%20reports/NHS_IC_Lung_Cancer_AUDIT_2011_2012.pdf