

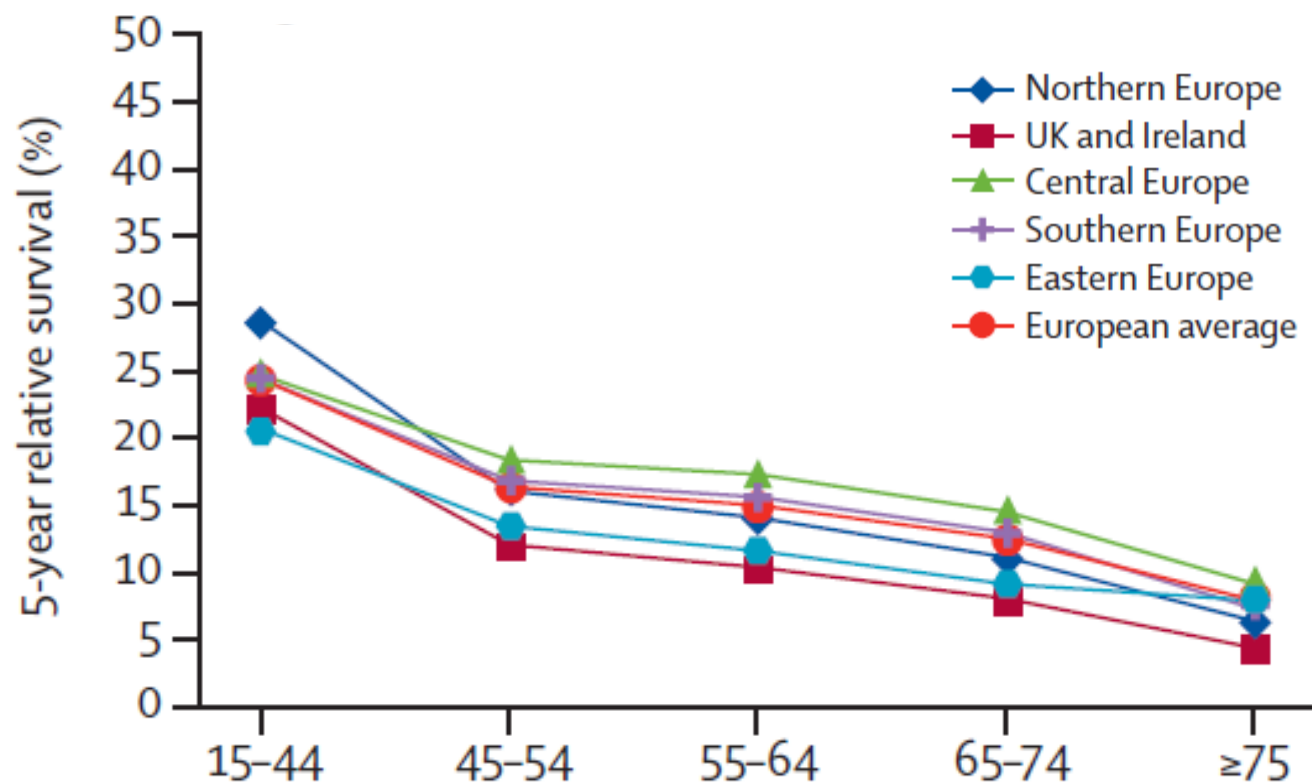
Emergency Diagnosis of Lung Cancer: A European Problem

Dr Tom Newsom-Davis

Consultant Medical Oncologist

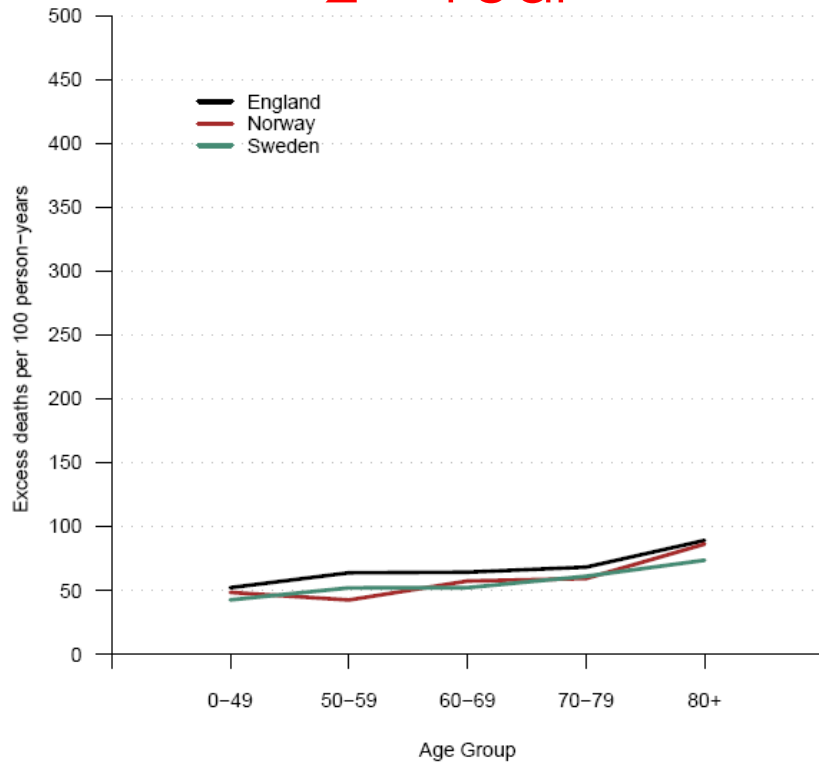
Chelsea & Westminster Hospital, London

EUROCARE-5: Lung Cancer

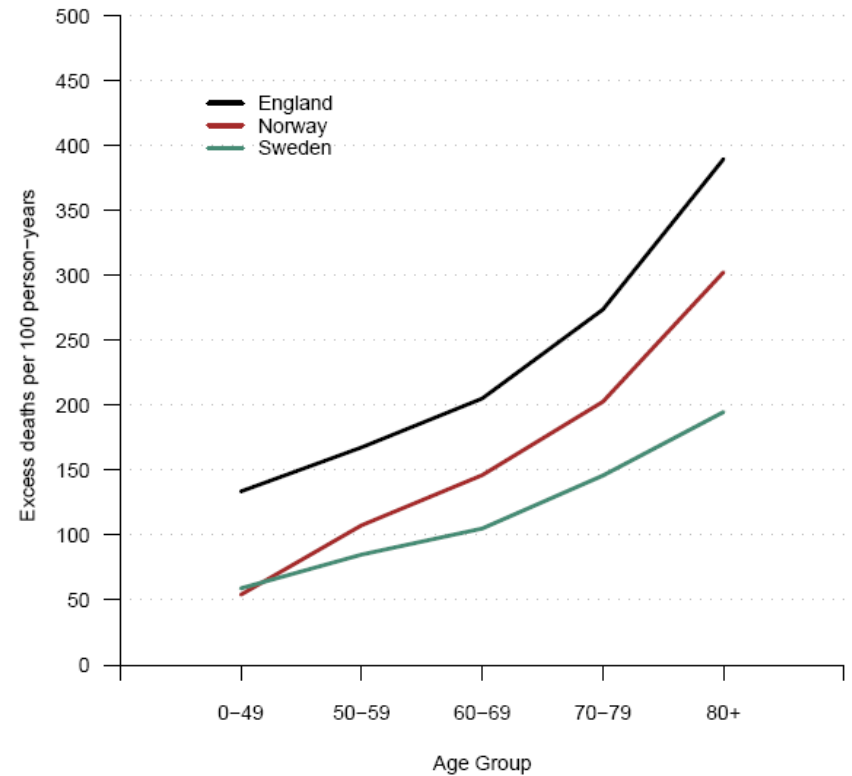


Excess Lung Cancer Deaths

2nd Year

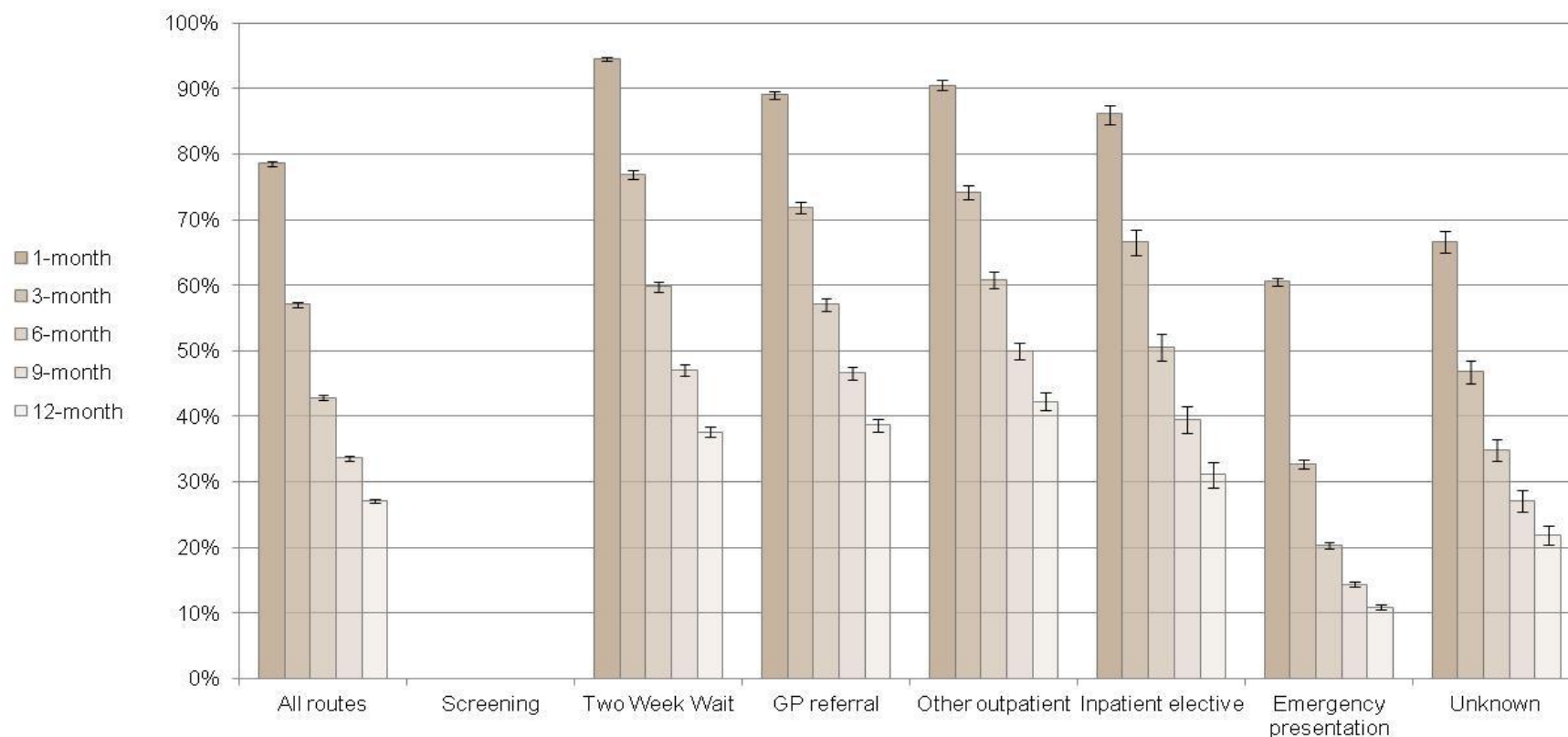


1st Year

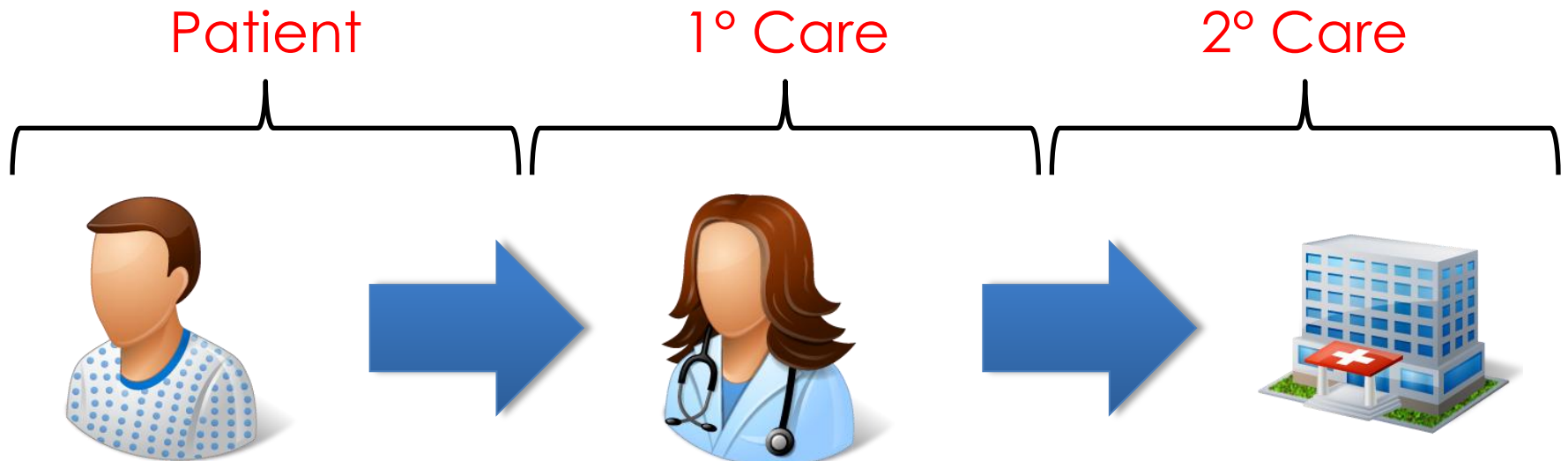


Lung Cancer Survival by Route

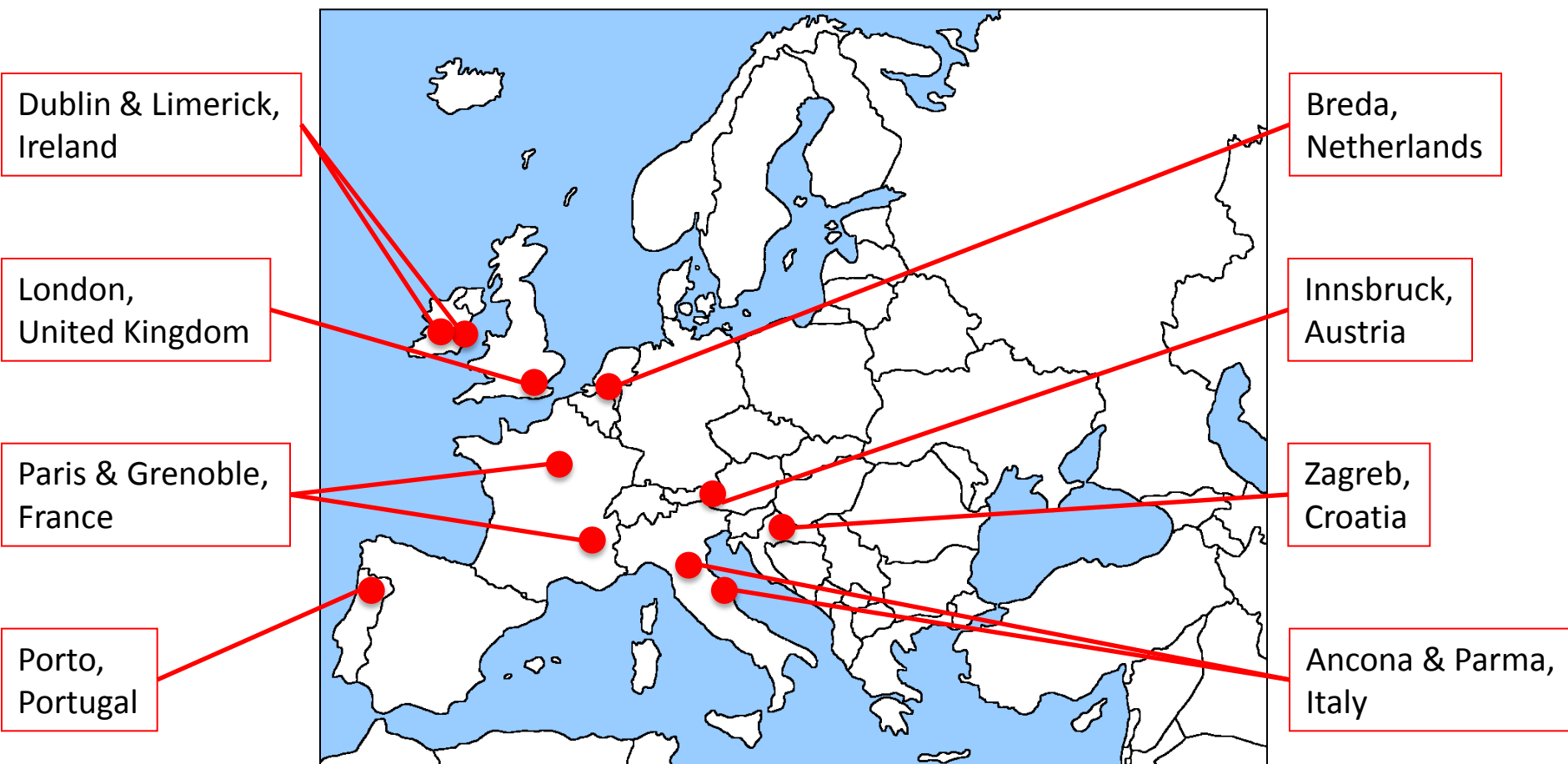
Relative survival estimates by presentation route and survival time, Lung, 2006-2008, aged 65-84



Causes of Emergency Presentation



European Thoracic Oncology Members



Rates of Emergency Diagnosis

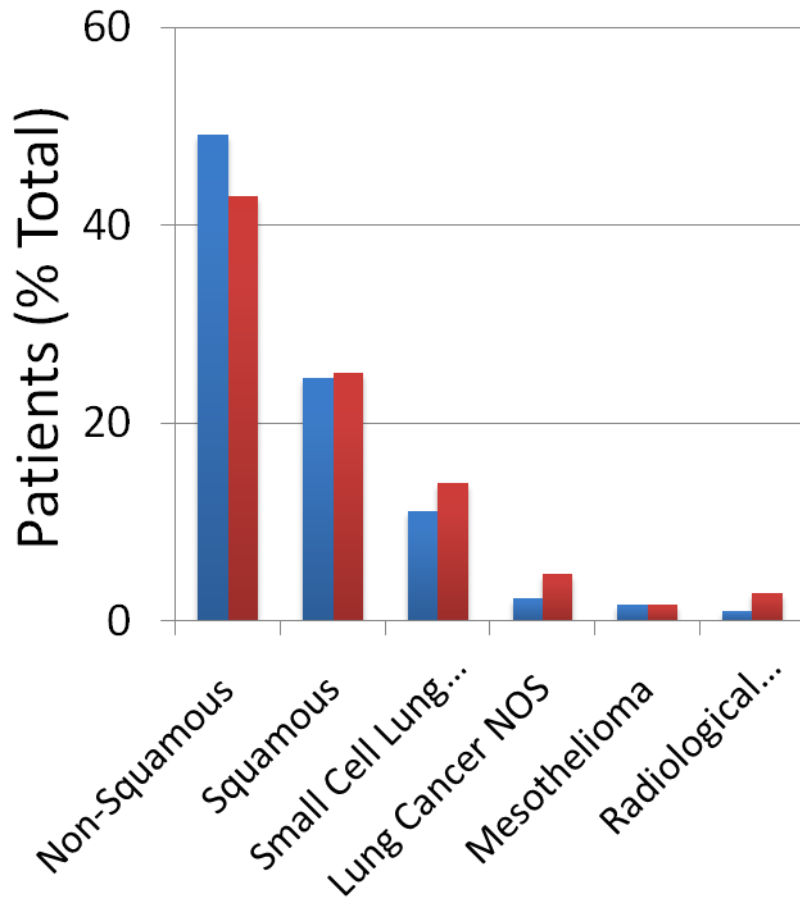
Country	Total Patients		Emergency Presentation	
	<i>n</i>	%	<i>n</i>	%
Austria	73	3.2%	17	23.3%
Croatia	686	29.6%	102	14.9%
France	546	23.6%	141	25.8%
Ireland	180	7.8%	85	47.2%
Italy	360	15.6%	84	23.3%
Netherlands	258	11.1%	34	13.2%
Portugal	126	5.4%	45	35.7%
United Kingdom	86	3.7%	26	30.2%
Total	2315	100%	534	23.1%

Patient Demographics

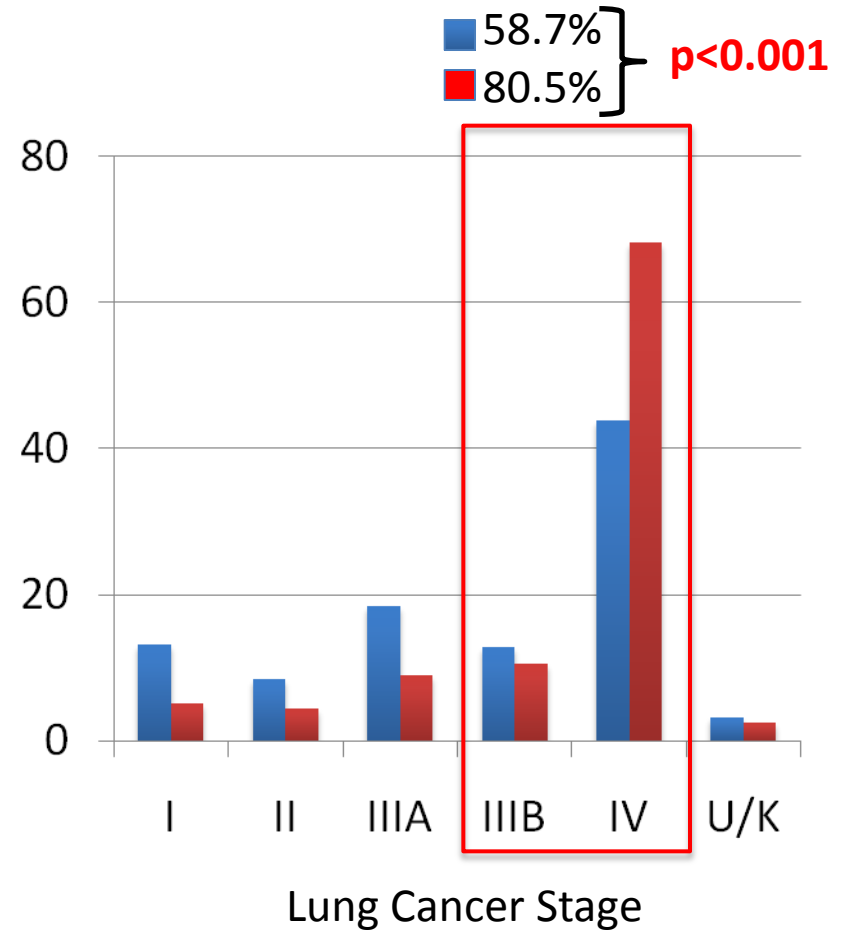
		Emergency Presentation?		p-value
		Yes	No	
Age	Mean (SD)	68.1 (11.9)	66.2 (10.2)	<0.001
Sex	Male: n (%)	372 (69.7%)	1214 (68.2%)	0.56
	Female: n (%)	162 (30.3%)	566 (31.8%)	
Performance Status*	0 or 1: n (%)	299 (59.2%)	1347 (81.0%)	<0.001
	2+: n(%)	206 (40.8%)	317 (19.1%)	

*Data available in 2169 patients

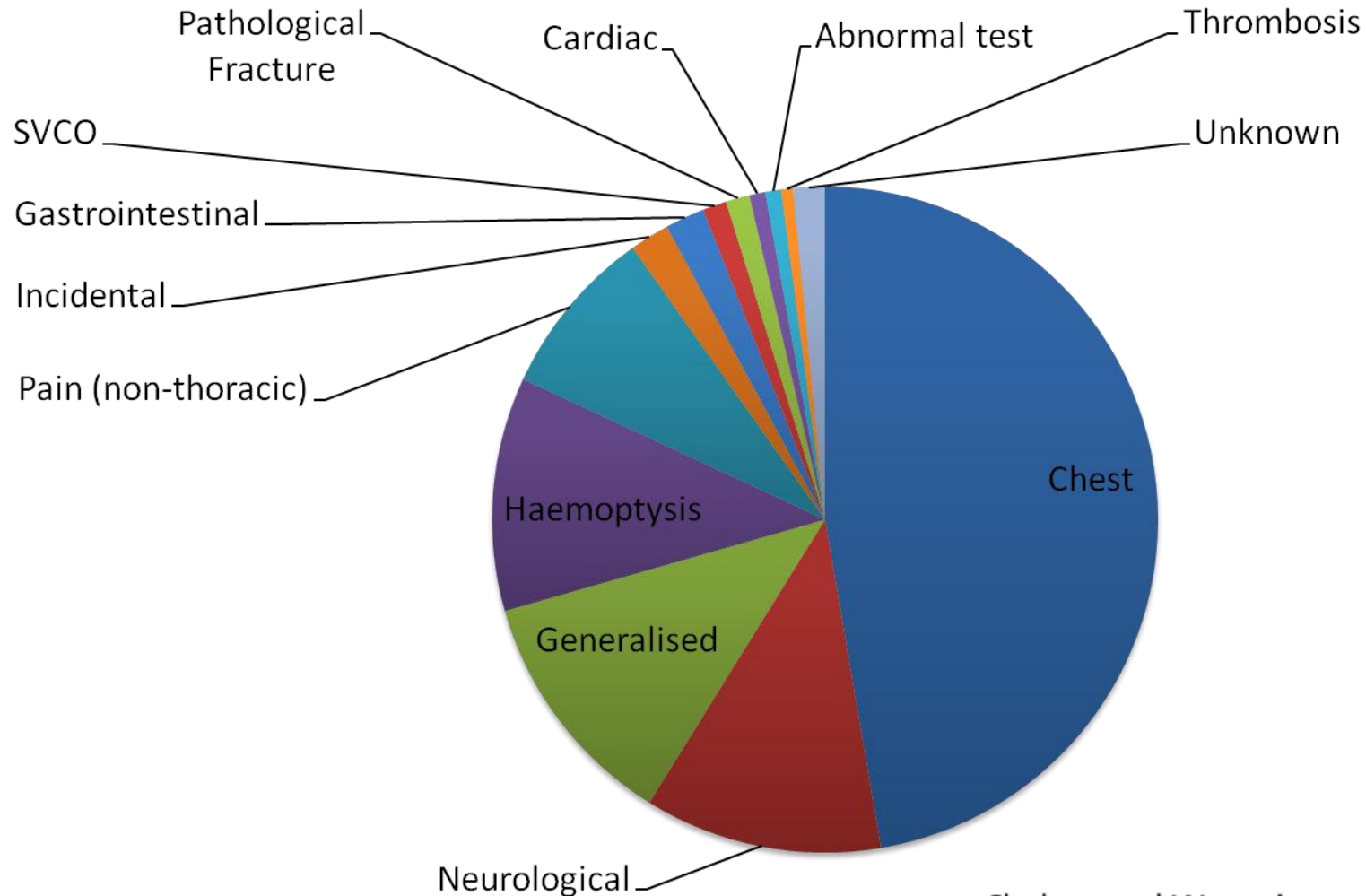
Histology & Stage



■ Non-EP
■ EP



Principal Presenting Symptom



(n=520 with complete data)

Treatment

		Emergency Presentation?		p-value
		Yes	No	
Anti-Cancer Treatment	Yes	382 (82.0%)	1575 (93.9%)	<0.001
	No	84 (18.0%)	103 (6.1%)	

(n=2144 with complete data)

Management Intent	Curative	55 (13.0%)	457 (39.2%)	<0.001
	Palliative	368 (87.0%)	710 (60.8%)	

(n=1590 with complete data)

Conclusions

- Consistent patient characteristics
- Expected symptoms and risk-factors
- Advanced disease & palliative treatment more likely
- EP is an issue across Europe
- Significant variation between countries
- EP rates perhaps reflect access to primary care and quality of 1°/2° interaction

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