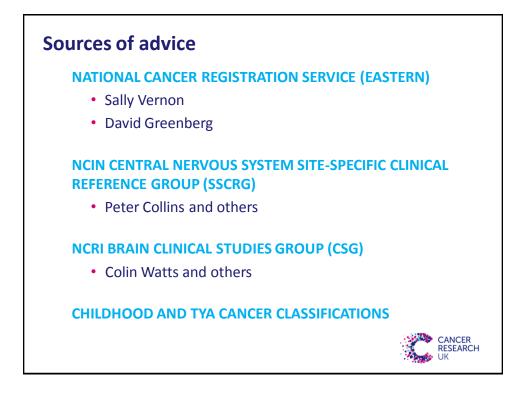


From the CRUK Facebook page...

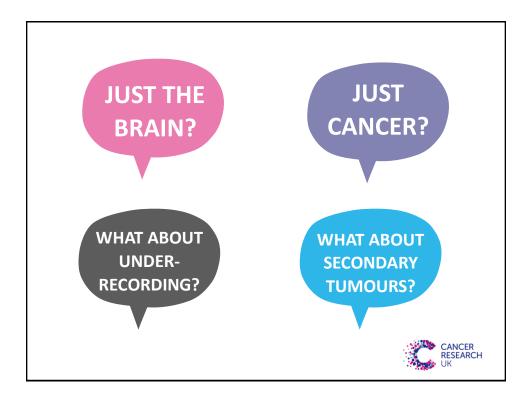
Where do you get your statistics? Brain tumour research charities estimate 16,000 people are diagnosed in the UK every year, and that is thought to be an underestimate.

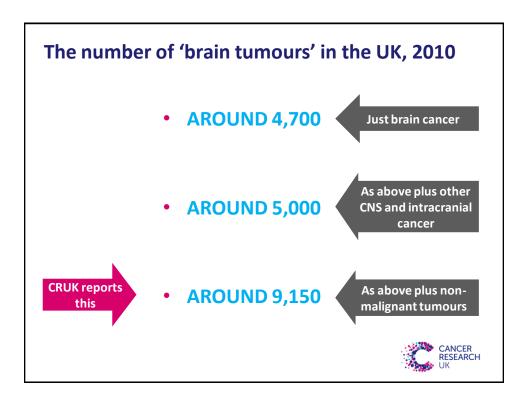
My wife is dying from a brain tumour but CRUK only included her in their figures 2 years after diagnosis as this was when it progressed from a grade 2 tumour to a grade 3, despite us being told by her consultant it was terminal on day 1. CRUK also do not include under-16s in their figures or secondary tumours.

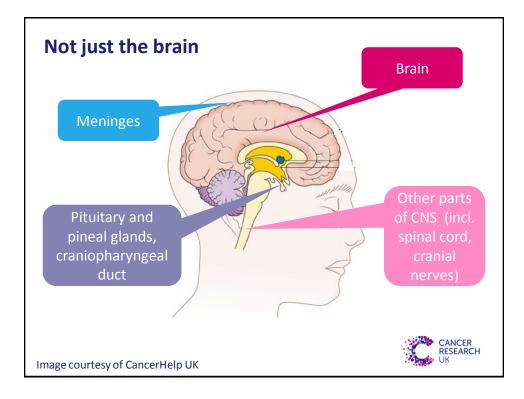
> CANCER RESEARCH

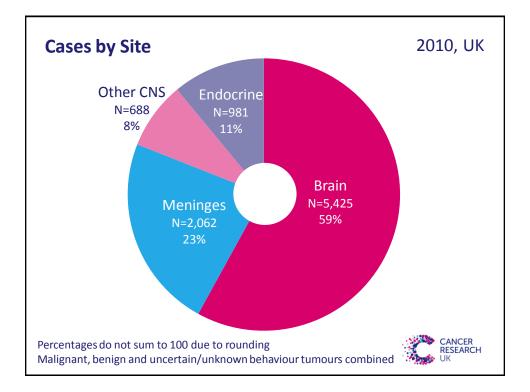




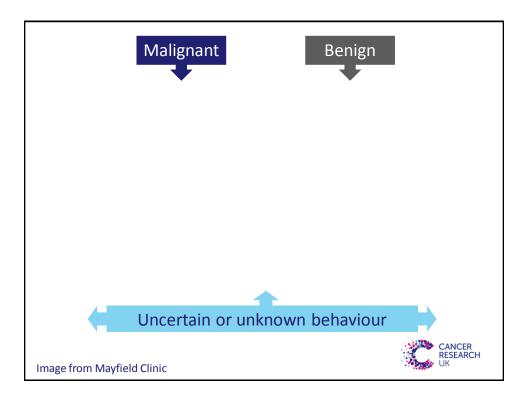


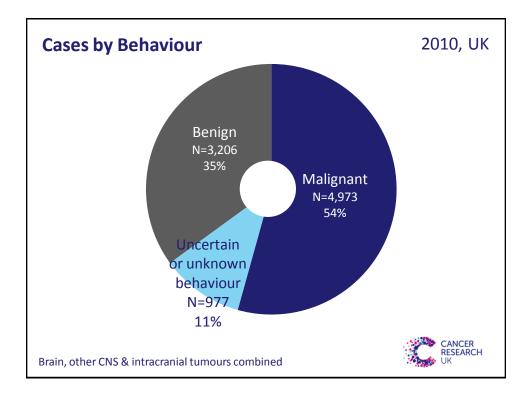


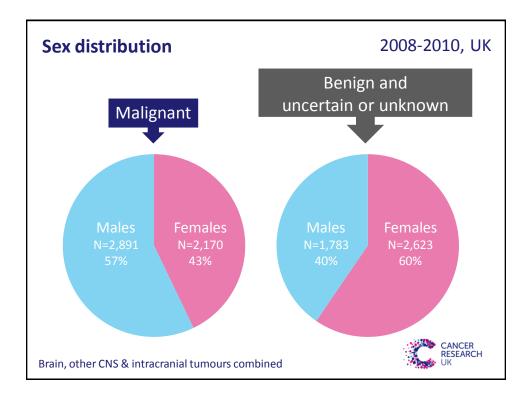


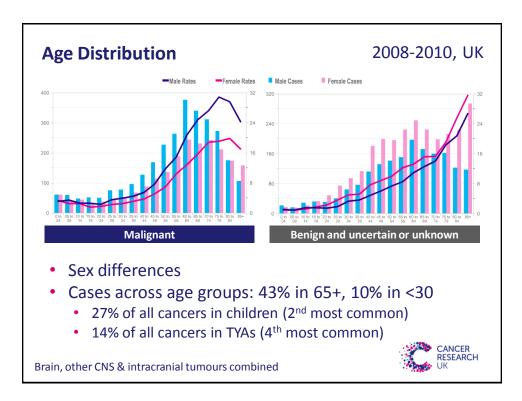


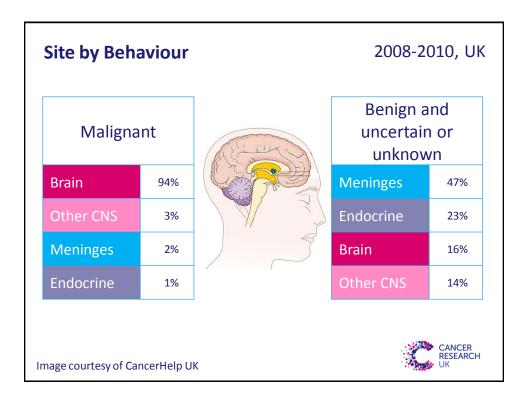


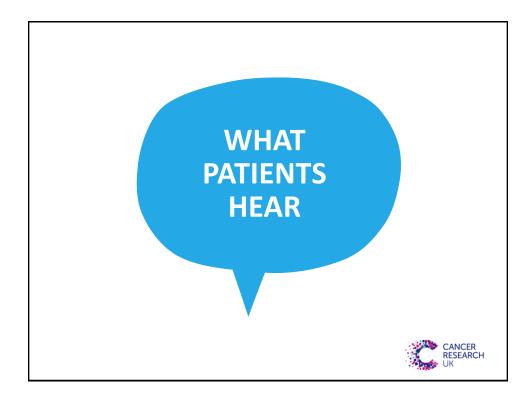




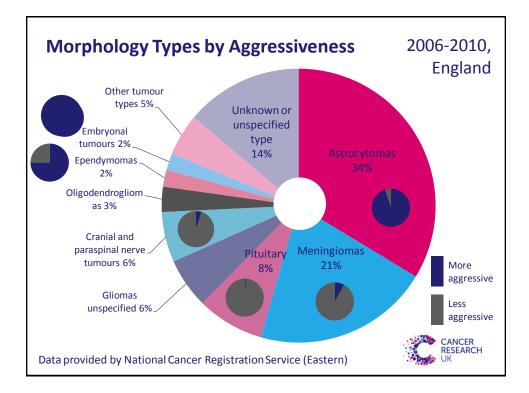


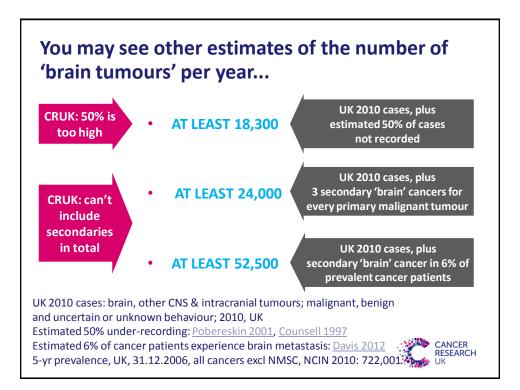






GF	RADE	HOW AGGRESSIVE
	Grade I	Almost all benign & uncertain/unknown Few malignant
	Grade II	Most malignant Few benign & uncertain/unknown
	Grade III-IV	Almost all malignant Few benign & uncertain/unknown
	n ICD-10 groups and	d tumour grade provided by CANCER RESEARCH UK







Evidence for under-recording?

TWO STUDIES FOUND 50% OF CASES WERE UNRECORDED BY CANCER REGISTRIES (SO MISSED FROM OFFICIAL STATISTICS)

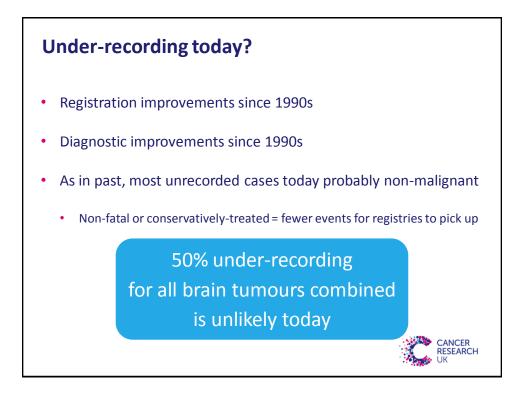
- 1990s data, relatively few cases
- Shortfall mainly in benign tumours
 - But registries weren't aiming to collect these at that time
 - Comprehensive UK registration only from ~2000 onwards

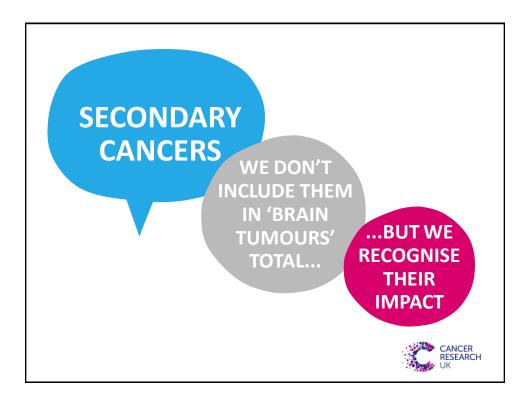
	Ascertainment rate (%)		
	Malignant	Benign	Overall
Counsell (Lothian 1989-90)	78	22-29	54
Pobereskin (Devon & Cornwall 1992-96)	72	42	52

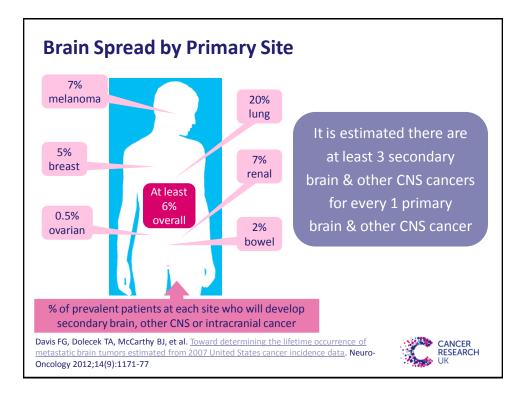
Tayside 1992 (Brewster): 97% ascertainment for malignant tumours

Pobereskin L. 2001. <u>The Completeness Of Brain Tumour Registration In Devon And Cornwall</u>. Counsell C et al. 1997. <u>Limitations of using a cancer registry to identify incident primary intracranial tumours</u>. Brewster DH et al. 1997. <u>Completeness of case ascertainment in a Scottish regional cancer registry for the</u> <u>vear 1992</u>.









Conclusions

- NEED TO INCLUDE MORE THAN JUST BRAIN IN THESE STATS
 - We report brain, other CNS, and intracranial tumours
- NEED TO INCLUDE MORE THAN JUST CANCERS IN THESE STATS
 - We report malignant, benign & uncertain/unknown behaviour
- UNDER-RECORDING UNLIKELY TO STAND AT 50% TODAY
 - Work needed to quantify problem and identify solutions
- CANNOT INCLUDE SECONDARY CANCERS IN THESE STATS
 - Would mean double-counting, we don't do it for any other site
 - But patients face similar issues whether primary or secondary tumours substantial part of workload for clinical teams

CANCER RESEARCH

For more information

• EMAIL:

- katrina.brown@cancer.org.uk
- VISIT CANCER RESEARCH UK CANCER STATISTICS WEBSITE:
 - cruk.org/cancerstats

• VISIT CANCER RESEARCH UK SCIENCE BLOG

- Brain tumours blog out later this month
- cruk.org/blog

