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NI Neuro-oncology MDT

- The weekly Neuro-oncology multidisciplinary team meeting provides the forum for discussion and implementation of a management plan for all patients diagnosed with a brain / spine tumour in Northern Ireland.

NI Neuro-Oncology MDT – annual incidence

Number of Meetings	45
Number of Discussions (yearly)	847
Number of Discussions (weekly average)	19
Number of Patients Discussed	473
Number of New Patients	263
Number of Review Patients	206

New Diagnosis April 2012 to March 2013

Histologically confirmed	168
Radiologically confirmed	99
Total	263

i.e. 15 new cases per 100,000 per yr.

NEURO-ONCOLOGY CANCER MULTI-DISCIPLINARY TEAM

ANNUAL REPORT 2012/13

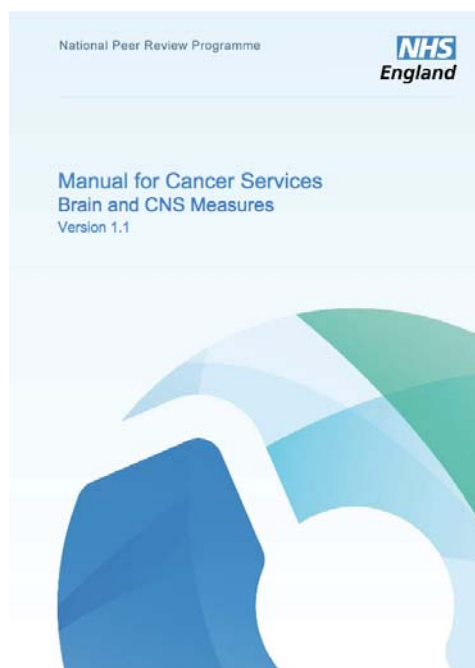
PRESENTED TO THE MDT on 15/11/13

Tumours of the Brain and Spine

- Most common are Gliomas (managed through the MDT). ~ 150 new cases per year
- Brain metastases (managed jointly between neuro-oncology MDT and primary oncology group). ~50 cases per year
- Other common primary brain tumours e.g. meningiomas, which when requiring treatment are discussed at MDT. ~40 cases per year
- Specialist MDT for pituitary tumours and skull base tumours (in conjunction with endocrinologists and ENT surgeons respectively)

Patient Management

- Surgery for histological diagnosis and tumour debulking or cytoreduction.
- Radiotherapy for malignant tumours (usually as a follow-up to surgery).
- Chemotherapy for malignant gliomas and brain metastases.
- Stereotactic radiosurgery for range of small-to-medium benign and malignant tumours.



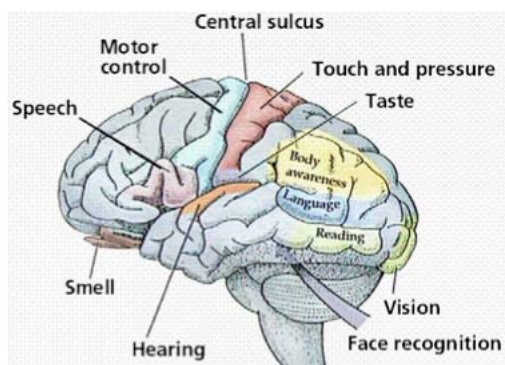
Manual for Cancer Services outlines the measures for neuro-oncology MDT service provision.

Although much of the emphasis previously was on waiting times and oncological-based treatments, the current version has placed significant emphasis on neuro-rehabilitation.

Indeed for other cancers, many patients are able to return to their previous functional level and activity prior to their diagnosis.

What benefit is treatment curtailing patients' quality of life.

The complexities of the human brain and difficulties it poses for treatment.



The European Commission has announced, the *Human Brain Project*, a \$1.5-billion Supercomputer to simulate the Human Brain. Image © [wikipedia](#) *The over a period of ten years Human Brain Project, will seek to understand and map the brain structure and function, and aim to translate it into a supercomputer simulation.*

Rehabilitation in Neuro-oncology

- Speech & Language
- Physiotherapy for improved mobility
- Occupational Therapy – “getting patients home”
- Seizure management
- Recognition of emotional needs & psychological effects as patient or carer