When Radiation Therapy is needed, **CIMS NEURO ONCOLOGY** is a pioneer in delivering excellent radiation results and effective outcomes.

The radiation oncologist use two types of radiation treatments in case of brain and spinal tumors.

**External beam radiation**: An out patients treatment typically given over few weeks.

The radiation beam is painless and treatment lasts only a few minutes.

**Internal Radiation Therapy**: works by placing radioactive sources in or just next to the tumor.

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**MEDICAL NEURO ONCOLOGY**

Our teams of medical oncologists apply the most advanced therapies for treatment.

**State-of-the-art Chemotherapy Ward**

Patients may require chemotherapy alone, or at the same time as radiation therapy as part of the treatment. Depending on the kind of cancer cells, the chemotherapeutic drug is given in a form of a pill or an intravenous injectibel.
A comprehensive one-stop clinic to help and treat patients with brain tumors, spinal cord tumors and other neurological complications of cancer care.

Treatment for brain and other central nervous system tumors is complex and treatment planning requires many sub-specialists.

**BRAIN TUMORS**

We offer highest caliber treatment attention to patients suffering from such cancers with the most advanced therapies and exceptional skills of our doctors.

**Metastatic Tumors**
A tumor caused by cancer elsewhere in the body spreading to the brain

**Paediatric Tumors**
especially concerned with benign & malignant brain

**Pituitary Tumors**
An abnormal growth in the pituitary gland

**Gliomas Tumors**
Slow growing brain tumors, they arise from the support cells within the brain

**Glioblastoma Tumors**
An aggressive tumor that starts within the brain and can spread quickly throughout the brain

**Lymphomas Tumors**
A cancer affecting the immune system

**Skull Base Tumors**
Not a particular type of brain tumor but those that grow in a particular location: the bones of the skull that form the bottom of the head and the body ridge behind the nose and eyes

**Spinal Tumors**
Could be detected in the spinal column or in the spinal cord and nerve roots.

**Meningiomas**
A benign tumor that develops slowly in the meninges (the thin layers of tissue covering the brain and spinal cord).

**SURGICAL NEURO ONCOLOGY**

All kinds of brain tumors are treated in one of the most sophisticated Operation Theatre of Gujarat

**Craniotomy**
Under this surgical treatment, the skull bone is opened with advanced instruments and with the assistance of a microscope, the tumor is excised from the brain.

**Laminotomy**
The spine is opened and tumor excised. Also spine reconstruction is done with screws and plates, whenever necessary.

- Gujarat’s first certified Green OTs
- Gujarat’s first digitized ICUs and OTs for optimal patient care

**RADIATION NEURO ONCOLOGY**

- First Versa HD Linear Accelerator by Elekta in Asia
- Agility - High focus 160 leaf MLC,
- Elekta Synergy Platform

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**We have a multi-disciplinary team of**
- Neurosurgeons
- Radiation Oncologists
- Medical Oncologists
- Surgical Oncologists
- Neurologists
- Neuro Radiologists
- Pathologists
- Psychologists
- Physiotherapists
- Specialised Neuro Nursing Staff
- Nutritionists
- And Other Support Staff