## Essential Health Benefits Needed By Brain Tumor Patients
(Prepared by National Brain Tumor Society, December 2012)

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>ESSENTIAL HEALTH CARE SERVICE NEEDED</th>
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| Ambulatory Patient Services | Diagnosis – Computerized Tomography (CT Scan), Magnetic Resonance Imaging (MRI), Positron Emission Tomography (PET) Scan (as appropriate, Note: can be important for delineating pseudoprogression of tumors), Neuroimaging Treatment – Radiation, Chemotherapy, BCNU Polymer Wafers  
  Outpatient medical and psychosocial assessments  
  Continued MRI (Malignant Tumors – MRI as frequently as needed for care)  
  Palliative Care                                                                                                                                                                                                 |
| Emergency Services        | Ambulance/EMT services  
  Diagnosis – CT Scan, MRI                                                                                                                                                                                                                  |
| Hospitalization           | Biopsy  
  Surgery - Resection of Tumor  
  Radiation  
  Pain management  
  Anti-edema treatment (dexamethasone)  
  Anti-seizure treatment  
  Anti-nausea treatment  
  Anti-fatigue stimulants  
  Cognition/Attention therapy  
  Palliative care  
  In-hospital cognitive and physical assessment                                                                                                                                                                                                 |
| Prescription Drugs        | Chemotherapy – Temodar® (Temozolomide) (Note: Predominantly comes in oral form, thus patients must be able to afford under pharmacy benefit part of insurance), Avastin® (specific situations)  
  Anti-seizure medicines  
  Pain medication  
  Anti-edema medication  
  Blood clot prevention medicine                                                                                                                                                                                                                  |
| Rehabilitative and Habilitative Services and Devices | Neurocognitive assessment by experienced social worker, psychologist that has worked with brain tumor patients  
Speech therapy  
Occupational therapy  
Physical therapy |
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<tbody>
<tr>
<td>Maternity and Newborn Care</td>
<td>Care coordination – Surgeons, oncologists, OB-GYN doctors, and nurses need to work together to determine a course of treatment considering the life of the mother and child</td>
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| Mental Health | Related to what is needed in rehabilitation and habilitation, psychosocial services are often needed, including:  
Neurocognitive testing (essential for determining course of care)  
Psychopharmacology services  
Psychiatric services  
Psychological services  
Social work services |
| Laboratory Services | Blood evaluation  
Pathology services  
Genotyping of tumors  
Companion diagnostics (as available)  
Imaging (as needed) |
| Preventative and Wellness Services: Chronic Disease Management | Brain tumor patients have a chronic disease for which management is essential.  
Care coordination  
Occasional follow up hospitalizations  
Continued MRI scans  
On-going pain management  
Home health care services  
Epilepsy management  
Nutrition counseling  
Respite care services |
| Pediatric Services | Children have all the same needs for the essential health care benefits stated above. However, because of the adverse side effects that treatment including radiation and chemotherapy have on childhood development, extensive continuing rehabilitative, habilitative, psycho-social and physical therapy services are often needed.  
Neuro-cognitive testing can be essential for determining the course of care to help a child rehabilitate and habilitate socially, emotionally, physically, educationally. |