

Appendix e-1

All Proposed Neuro-oncology Quality Measure Concepts

Concept Proposed	Outcome	Comment
Readmission within 2 weeks of hospital discharge	Not Developed	Existing measure
Death from cancer within 14 days of chemotherapy administration.	Not Developed	Existing measure
Palliative Care and End of Life Planning	Not Developed	Existing measures
Fertility counseling before chemotherapy	Not Developed	Not feasible to collect
Post-operative seizure incidence or prophylaxis	Not Developed	Lack of evidence
Discharge to rehabilitation services versus skilled nursing facility	Not Developed	Lack of evidence
New, unanticipated neurological deficit after brain tumor resection	Not Developed	Not feasible to collect
Steroid dose addressed at each visit	Not Developed	Lack of evidence
Brain tumor treatment following NCCN guidelines	Not Developed	Not feasible to collect
Chemotherapy and/or radiotherapy initiated within 6 weeks of tumor resection	Not Developed	Lack of evidence
Cases discussed by a multidisciplinary tumor board	Yes	
Patients with MGMT methylation and isocitrate dehydrogenase (IDH) mutation tested	Yes	Yes, modified to focus on WHO recommendations
Documentation of formal teaching for home administration of oral chemotherapy	Yes	Modified to include informed consent
Patients undergoing post-operative gadolinium enhanced MRI within 72 hours of surgical resection	Yes	
Patients who had a tumor resection who were provided DVT prophylaxis within 24 hours of tumor resection	Yes	Approved as an Outcome Measure