Oncology Clinical Pathways Oligodendroglioma

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Oligodendroglioma – Presumptive Conditions

VA automatically presumes that certain disabilities were caused by military service. This is because of the unique circumstances of a specific Veteran's military service. If a presumed condition is diagnosed in a Veteran within a certain group, they can be awarded disability compensation.

Atomic Veterans Exposed to Ionizing Radiation

• Cancer of the Brain

Gulf War and Post 9/11 Veterans

If the patient served on or after Sept. 11, 2001, in Afghanistan, Djibouti, Egypt, Jordan, Lebanon, Syria, Uzbekistan, or Yemen or if you served in the *Southwest Asia theater of operations, or Somalia, on or after Aug. 2, 1990, specific conditions include:

Brain Cancer

* The Southwest Asia theater of operations refers to Iraq, Kuwait, Saudi Arabia, the neutral zone between Iraq and Saudi Arabia, Bahrain, Qatar, the United Arab Emirates, Oman, the Gulf of Aden, the Gulf of Oman, the Persian Gulf, the Arabian Sea, the Red Sea, and the airspace above these locations.

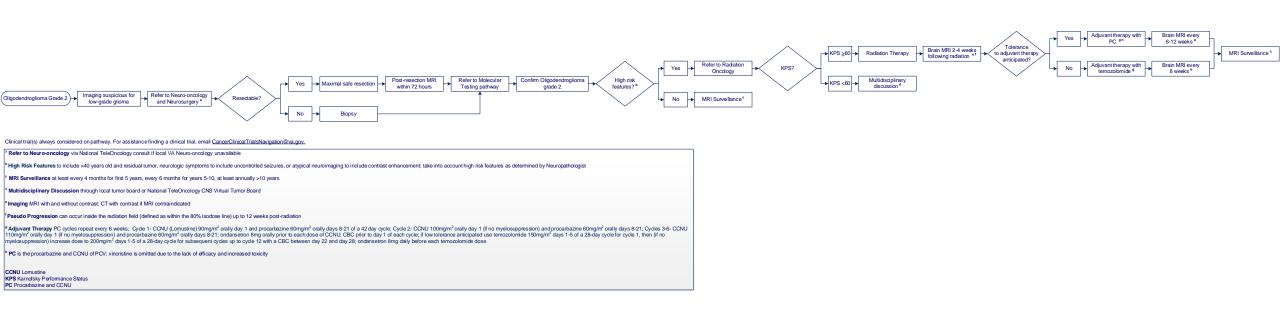
For more information, please visit U.S. Department of Veterans Affairs - Presumptive Disability Benefits (va.gov)







<u>Oligodendroglioma – Grade 2</u>

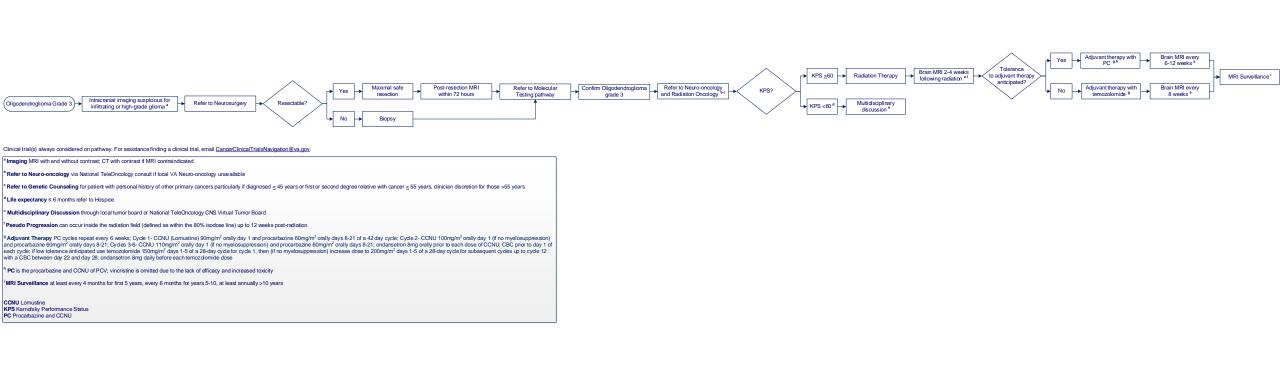








<u>Oligodendroglioma – Grade 3</u>

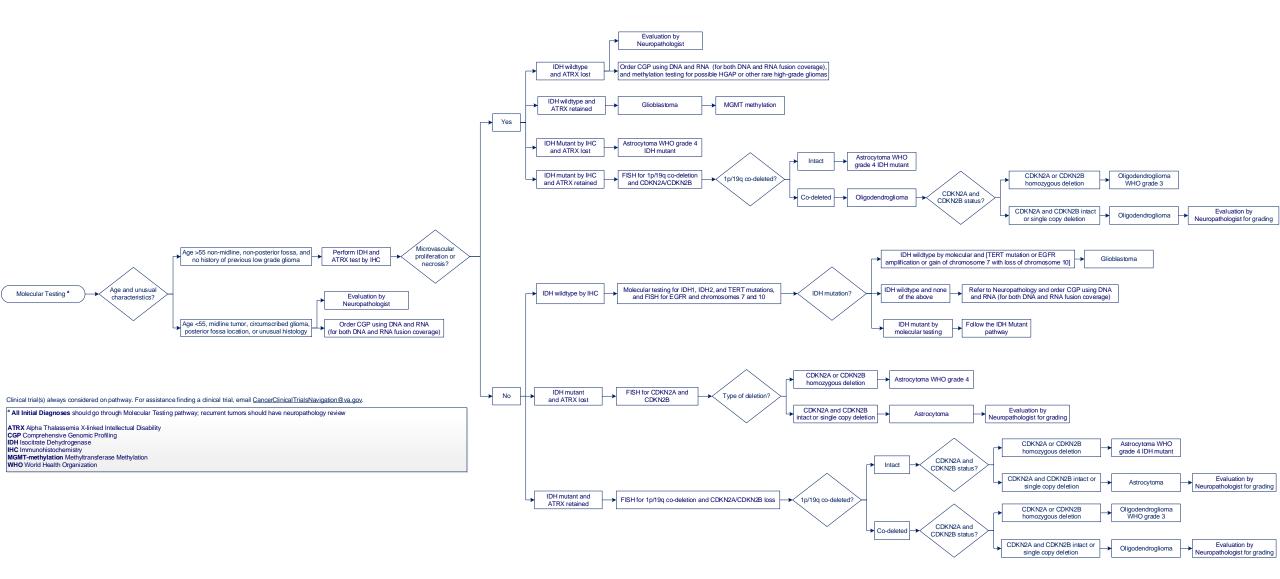








Oligodendroglioma – Molecular Testing









<u>Oligodendroglioma – Molecular Testing Table</u>

| Eligibility | Test Category | Test Type | Recommended Vendors | NPOP Coverage | Specimen Type | | |
|--|---------------------|---|---------------------------------------|------------------|---------------|--|--|
| Age > 55, Non-midline, Non-posterior fossa, AND No history of previous low grade glioma | IHC | IDH1 R132 mutation ATRX | Local VA or locally contracted vendor | No | Tumor Tissue | | |
| IDH-mutated | FISH | 1p/19q FISH for codeletion CDKN2A/B homozygous loss | Local VA or locally contracted vendor | No | Tumor Tissue | | |
| IDH-wild type | Molecular | TERT promoter mutation testing | Local VA or locally contracted vendor | No | Tumor Tissue | | |
| | **FISH | EGFR for amplification Chromosomes 7 and 10 for gain 7/loss 10 | Local VA or locally contracted vendor | No | Tumor Tissue | | |
| | **Microarray | Chromosomal microarray (aka Oncoscan FFPE) | Local VA or locally contracted vendor | No | Tumor Tissue | | |
| | Methylation Testing | MGMT promoter methylation testing | Local VA or locally contracted vendor | No | Tumor Tissue | | |
| Age < 55, Midline tumor, Circumscribed glioma, Posterior fossa location, Unusual histology, IDH-wildtype WITH loss of ATRX, OR IDH-wildtype WITHOUT glioblastoma-defining molecular alterations | Somatic NGS | DNA and RNA-based comprehensive genomic profiling (CGP) | Tempus | Yes | Tumor Tissue | | |
| * Testing should not be ordered indiscriminately on every case as it will inappropriately exhaust tissue. Instead, follow the pathological workup recommended on the Molecular Testing page for appropriate test utilization | | | | | | | |
| ** Choose FISH OR microarray. In most cases FISH can be done instead of microarray. If performing microarray, then FISH is not indicated. | | | | | | | |





