|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Vision change, no CVT discovered on work up | | | | | | | |
| Jugular Vein Thrombosis | | | | | | | |
| Tolosa Hunt/Sarcoid/Lymphoma in Cavernous Sinus | | | | | | | |
| Congenitally Absent Venous Sinus | | | | | | | |
| Superior Ophthalmic Vein Thrombosis | | | | | | | |
| Meningioma | | | | | | | |
| Aneurysm in Cavernous Sinus | | | | | | | |
| **Supplementary Table 2-PPV and Sensitivity by ICD Code (PPV, sensitivity)** | | | | | | | |
| **CVT code in any position** | **Total cases\*** | **5 Codes Combined†** | **G08.X** | **I63.6** | **I67.6** | **O22.5** | **O87.3** |
| All Discharges identified by ICD codes | N/A | 120 | 79 | 7 | 34 | 0 | 1 |
| Discharges with current or history of CVT | 289 | 113 (94.2%, 39.1%) | 74 (93.7%, 25.6%) | 7 (100%, 2.4%) | 32 (94.1%, 11.1%) | 0 | 1 (100%, 0.35%) |
| Discharges with new CVT Diagnosis | 239 | 101 (84.2%, 42.3%) | 63 (79.8%, 26.4%) | 7 (100%, 2.9%) | 31 (91.2%, 13.0%) | 0 | 1 (100%, 0.42%) |
| New Symptomatic Non-Structural CVT | 75 | 63 (52.5%, 84.0%) | 38 (48.1%, 50.7%) | 6 (85.7%, 8.0%) | 19 (55.9%, 25.3%) | 0 | 1 (100%, 1.3%) |
|  | | | | | | | |
| **CVT code in first 3 positions** | **Total cases\*** | **5 Codes Combined †** | **G08.X** | **I63.6** | **I67.6** | **O22.5** | **O87.3** |
| All Discharges identified by ICD codes | N/A | 87 | 58 | 7 | 22 | 0 | 1 |
| Discharges with current or history of CVT | 289 | 83 (95.4%, 28.7%) | 55 (94.8%, 19.0%) | 7 (100%, 2.4%) | 21 (95.5%, 7.3%) | 0 | 1 (100%, 0.35%) |
| Discharge with New CVT Diagnosis | 239 | 72 (82.8%, 30.1%) | 45 (77.6%, 18.8%) | 7 (100%, 2.9%) | 20 (90.9%, 8.4%) | 0 | 1 (100%, 0.42%) |
| New Symptomatic Non-Structural CVT | 75 | 58 (66.7%, 77.3%) | 33 (56.9%, 44.0%) | 6 (85.7%, 8.0%) | 19 (86.4%, 25.3%) | 0 | 1 (100%, 1.3%) |
|  | | | | | | | |
| **CVT code in 1st position** | **Total cases\*** | **5 Codes Combined** | **G08.X** | **I63.6** | **I67.6** | **O22.5** | **O87.3** |
| All Discharges identified by ICD codes | N/A | 67 | 42 | 6 | 18 | 0 | 1 |
| Discharges with current or history of CVT | 289 | 65 (97.0%, 22.5%) | 41 (97.6%, 14.2%) | 6 (100%, 2.1%) | 17 (94.4%, 5.9%) | 0 | 1 (100%, 0.35%) |
| Discharge with New CVT Diagnosis | 239 | 58 (86.6%, 24.3%) | 34 (80.95%, 14.23%) | 6 (100%, 2.5%) | 17 (94.4%, 7.1%) | 0 | 1 (100%, 0.42%) |
| New Symptomatic Non-Structural CVT | 75 | 52 (77.6%, 69.3%) | 29 (69.1%, 38.7%) | 5 (83.3%, 6.7%) | 17 (94.4%, 22.7%) | 0 | 1 (100%, 1.3%) |
| \*Total cases reflect cases identified using either ICD codes or through radiology reports and then subsequently confirmed on electronic chart review. †One subject with 2 ICD codes I636 and I676 | | | | | | | |

**Supplementary Table 1-Final diagnosis of patients inaccurately coded as having CVT by ICD 10**