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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SDC 3.** **Sensitivity Analysis - Independent Predictors of WLST In Geriatric Trauma Patients** | | | | | | | | | | | | | | | |
|  | **Level I** | | **Level II** | | **Level III** | | | **Frail** | | | | | **Non-Frail** | | |
| **Variable** | **aOR** | **95% CI** | **aOR** | **95% CI** | **aOR** | **95% CI** | | | **aOR** | **95% CI** | | **aOR** | | **95% CI** | |
| **Age (every 5-year increase)** | 1.35 | 1.32-1.38 | 1.38 | 1.34-1.43 | 1.29 | | 1.26-1.34 | 1.24 | | | 1.20-1.28 | | 1.37 | | 1.35-1.39 |
| **Male Gender** | 1.08 | 1.02-1.15 | 1.19 | 1.09-1.28 | 1.19 | | 1.10-1.29 | 1.23 | | | 1.12-1.34 | | 1.10 | | 1.06-1.16 |
| **White Race** | 1.43 | 1.33-1.54 | 1.40 | 1.26-1.57 | 1.43 | | 1.27-1.62 | 1.47 | | | 1.30-1.65 | | 1.40 | | 1.31-1.49 |
| **ADLC** | 2.60 | 2.38-2.83 | 2.31 | 2.07-2.58 | 2.83 | | 2.52-3.17 | 2.41 | | | 2.18-2.68 | | 2.62 | | 2.44-2.80 |
| **Severe TBI** | 1.75 | 1.57-1.95 | 1.99 | 1.69-2.35 | 1.74 | | 1.49-2.04 | 1.52 | | | 1.27-1.83 | | 1.86 | | 1.71-2.03 |
| **Frailty** | 1.42 | 1.32-1.54 | 1.47 | 1.31-1.64 | 1.36 | | 1.21-1.52 | - | | | - | | - | | - |
| **Ventilator Requirement** | 12.83 | 11.94-13.80 | 12.66 | 11.49-13.96 | 12.99 | | 11.73-14.40 | 10.03 | | | 9.07-11.11 | | 13.67 | | 12.88-14.49 |
| **Government Insurance** | 1.27 | 1.06-1.51 | 1.67 | 1.26-2.22 | 1.36 | | 1.05-1.77 | 1.06 | | | 0.95-1.19 | | 1.40 | | 1.22-1.60 |
| **ACS TC Verification Level** |  |  |  |  |  | |  |  | | |  | |  | |  |
| Level I | - | - | - | - | - | | - | 1.55 | | | 1.39-1.72 | | 1.49 | | 1.41-1.58 |
| Level II | - | - | - | - | - | | - | 1.54 | | | 1.37-1.75 | | 1.39 | | 1.30-1.48 |
| Level III or Lower | - | - | - | - | - | | - | Ref | | |  | | Ref | |  |

WLST=withdrawal of life supporting treatment; aOR=adjusted odds ratio; CI=confidence interval; ADLC=advance directive limiting care; TBI=traumatic brain injury; ACS = American College of Surgeons; TC = trauma center