|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table 5: Clinical Process Measures Over Time in Screen Positive Patients with Unsuspected Sepsisa** | | | | | | | | | |
|  | **Percent of Patients at 3-Hrsb** | | | **Percent of Patients at 6-Hrsb** | | | **Percent of Patients at 48-Hrsb** | | |
| **Process Measure** | **Silent** | **Alert** | **P-value** | **Silent** | **Alert** | **P-value** | **Silent** | **Alert** | **P-value** |
| CBC or BMP | 45.3 | 48.9 | 0.06 | 71.2 | 72.1 | 0.64 | 95.4 | 94.0 | 0.14 |
| IV Fluid Bolus | 18.4 | 22.4 | 0.01 | 24.9 | 30.8 | <0.01 | 51.6 | 55.2 | 0.07 |
| Any Antibiotic | 12.8 | 13.5 | 0.64 | 18.7 | 20.3 | 0.32 | 47.9 | 45.9 | 0.33 |
| Sepsis Antibiotic(s)c | 11.1 | 11.7 | 0.70 | 15.6 | 17.2 | 0.27 | 34.4 | 34.3 | 1.00 |
| Blood Cultures | 11.8 | 12.4 | 0.66 | 16.3 | 17.6 | 0.4 | 32.3 | 34.7 | 0.21 |
| Lactate | 5.0 | 6.5 | 0.12 | 6.7 | 9.3 | 0.02 | 14.1 | 17.6 | 0.02 |
| Telemetry or ECG | 13.3 | 16.0 | 0.06 | 19.1 | 21.6 | 0.12 | 51.0 | 50.6 | 0.89 |
| Chest Radiograph | 8.9 | 9.1 | 0.93 | 13.3 | 11.9 | 0.31 | 35.7 | 32.9 | 0.15 |
| CT Imagingd | 4.6 | 4.1 | 0.56 | 7.3 | 6.2 | 0.32 | 16.4 | 17.0 | 0.72 |
| RBC Transfusion | 3.2 | 3.7 | 0.57 | 5.1 | 6.2 | 0.24 | 19.4 | 21.5 | 0.21 |
| Arterial Blood Gas | 2.3 | 2.5 | 0.80 | 3.3 | 4.0 | 0.43 | 8.4 | 9.8 | 0.24 |
| Vasopressor | 1.6 | 2.1 | 0.38 | 2.6 | 3.5 | 0.26 | 7.8 | 8.5 | 0.53 |
| AV Nodal Blockade | 2.8 | 3.6 | 0.30 | 4.0 | 5.7 | 0.06 | 13.7 | 14.4 | 0.65 |
| Diuretic | 3.8 | 4.0 | 0.88 | 6.9 | 6.1 | 0.44 | 23.4 | 20.5 | 0.08 |
| Naloxone | 0.1 | 0.1 | 0.62 | 0.3 | 0.1 | 0.43 | 0.9 | 0.7 | 0.78 |
| AV = atrioventricular, BMP = basic metabolic panel, CBC = complete blood count, CT = computed tomography, ECG = electrocardiogram, Hrs = hours, IV = intravenous, RBC = red blood cell.  aUnsuspected Sepsis: less than two out of three of the following ordered within 12 hours preceding alert: (1) blood culture, (2) lactate, (3) broad spectrum antibiotic.  bTime intervals after alert trigger.  cList available in Supplemental Table 8.  dIncludes CT chest, head, or abdomen.  Silent period unsuspected sepsis n=1,144 (74% of total screen positive population), Alert period unsuspected sepsis n=1,561 (73% of total screen positive population. | | | | | | | | | |