Table

SSAImpact on NST Manual Screening Hours

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Baseline | | | | Conservativea | | | | Aggressivea | | | |
|  | **NST** | | **NST** | | **No SSA Alert** | | **SSA** | | **No SSA Alert** | | **SSA Alert** | |
|  | *Low Risk* | | *High Risk* | | *Low Risk* | | *High Risk* | | *Low Risk* | | *High Risk* | |
| **Manual  Screening Hours** | **3 Minutes Required to Complete the NST** | | | | | | | | | | | |
| True Neg | False  Neg | True Pos | False Pos | True Neg | False Neg | True Pos | False Pos | True Neg | False Neg | True Pos | False Pos |
| Initial Screens | 2,502 | 50 | 266 | 614 | 1,865 | 50 | 266 | 1,251 | 0 | 0 | 0 | 0 |
| Subsequent Screens | 19,274 | 566 | 5,513 | 9,858 | 0 | 0 | 2,666 | 7,794 | 0 | 0 | 2,724 | 8,082 |
| Screening Hours | 21,776 | 616 | 5,779 | 10,472 | 1,865 | 50 | 2,932 | 9,045 | 0 | 0 | 2,724 | 8,082 |
| **Reduced Manual Screening Hours** | - | - | - | - | 19,911 | 566 | 2,847 | 1,427 | 21,776 | 616 | 3,055 | 2,390 |
| **Manual  Screening Hours** | **5 Minutes Required to Complete the NST** | | | | | | | | | | | |
| True Neg | False  Neg | True Pos | False Pos | True Neg | False Neg | True Pos | False Pos | True Neg | False Neg | True Pos | False Pos |
| Initial Screens | 4,170 | 84 | 443 | 1,024 | 3,108 | 83 | 444 | 2,085 | 0 | 0 | 0 | 0 |
| Subsequent Screens | 32,124 | 943 | 9,189 | 16,430 | 0 | 0 | 4443 | 12,991 | 0 | 0 | 4,540 | 13,470 |
| Screening Hours | 36,294 | 1,027 | 9,632 | 17,454 | 3,108 | 83 | 4,887 | 15,076 | 0 | 0 | 4,540 | 13,470 |
| **Reduced Manual Screening Hours** | - | - | - | - | 33,186 | 944 | 4,745 | 2,378 | 36,294 | 1,027 | 5,092 | 3,987 |

SSA, Sepsis Sniffer Algorithm. NST, Nurse Screening Tool. Neg, Negative. Pos, Positive.

aSubsequent screens performed only with a high risk SSA alert.