**Supplementary File 9: Additional studies identified in updated literature search (1 July 2019)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Authors** | **Number of Patients** | **AUC** | **Sensitivity** | **Specificity** | **OR** | **Setting** |
| **qSOFA** | **SIRS** | **qSOFA** | **SIRS** | **qSOFA** | **SIRS** | **qSOFA** | **SIRS** |
| **Previous literature search****(1 March 2019)** | 1,716,017(from 121 studies) | 0.702 | 0.60 | 56 | 79 | 75 | 32 | 3.2 | 1.2 |  |
| **Updated literature search****(1 July 2019)** |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Papadimitriou-Olivgeris M  | 404 | 0.83 | 0.51 | 87.7 | 89.4 | 78.3 | 12.1 | 11.4 |  | Ward |
| Lane DJ | 10,049 | 0.76 | 0.71 | 8-80 | 11-83 |  |  |  |  | ED [abs]\* |
| Kim KS | 928 | 0.60 | 0.55 | 61.9 | 82.7 | 58.1 | 26.5 |  |  | ED |
| Yu H | 1,318 | 0.67 | 0.56 |  |  |  |  |  |  | ED + ward |
| Abdullah SMOB | 434 |  |  |  |  |  |  | 4.83 |  | ED |
| Chae BR | 301 | 0.66 |  |  |  |  |  |  |  | ED |
| Liu Z | 1,865 | 0.547 |  |  |  |  |  |  |  | ICU |
| Kelly B | 11,415 | 0.732 |  |  |  |  |  | 1.46 |  | ICU |
| Khwannimit B | 1,589 | 0.847 |  |  |  |  |  |  |  | ICU |
| Prabhakar SM | 343 | 0.68 |  |  |  |  |  |  |  | ED |
| Garbero RDF | 184 |  |  | 56.84 |  | 74.16 |  |  |  | ED |
| Cleek CR | 145 | 0.63 |  |  |  |  |  |  |  | ED [abs]\* |
| Tian H | 1,716 | 0.846 |  | 50.2 |  | 78.1 |  | 14.34 |  | Any |
| Maskoen TT | 73 | 0.707 |  | 88.6 |  | 44.7 |  |  |  | ICU |
|  |  |  |  |  |  |  |  |  |  |  |

\* [abs] denotes papers in abstract format. AUROC denotes area-under-the-curve of receiver-operator-characteristics curve.

Note: One study by Anand et al (Chest 2019 April 9 - doi: 10.1016/j.chest.2019.03.032) is not included in the above table because the majority (>75%) of the patients in this study did not have suspected infection/sepsis.