

Supplemental material S3: Biological markers and laboratory tests used to diagnose neonatal sepsis and decide to suspend antibiotic treatment.

A. Start Antibiotics

| Tests | Number of responses | Percent (%) |
|--------------------------|---------------------|--------------|
| CRP/BC | 72 | 26,6 |
| CRP/PRO/BC | 66 | 24,4 |
| CRP/PRO/PCR/BC | 18 | 6,6 |
| CRP/BC/FBC | 15 | 5,5 |
| CRP/CYTO/BC | 11 | 4,1 |
| CRP/PCR/BC | 10 | 3,7 |
| CRP/PRO | 8 | 3,0 |
| CRP/PRO/CYTO/BC | 7 | 2,6 |
| CRP/BC/HERO | 6 | 2,2 |
| CRP/PRO/BC/FBC | 5 | 1,8 |
| CRP/PRO/BC/HERO | 5 | 1,8 |
| BC | 4 | 1,5 |
| CRP/PRO/DNA/BC | 4 | 1,5 |
| CRP/CYTO | 3 | 1,1 |
| CRP/CYTO/PCR/BC | 3 | 1,1 |
| CRP/PRO/CYTO/PCR/BC | 3 | 1,1 |
| CRP | 2 | 0,7 |
| CRP/BC/HERO/FBC | 2 | 0,7 |
| CRP/CYTO/PCR/DNA/BC | 2 | 0,7 |
| CRP/FBC | 2 | 0,7 |
| CRP/PRO/BC/HERO/FBC | 2 | 0,7 |
| CRP/PRO/CYTO/PCR/BC/HERO | 2 | 0,7 |
| CRP/PRO/PCR | 2 | 0,7 |
| CRP/PRO/PCR/BC/FBC | 2 | 0,7 |
| CRP/PRO/PCR/DNA/BC | 2 | 0,7 |
| CEP/PRO/BC | 1 | 0,4 |
| CRP/CYTO/BC/FBC | 1 | 0,4 |
| CRP/CYTO/DNA/BC | 1 | 0,4 |
| CRP/DNA/BC/HERO | 1 | 0,4 |
| CRP/PCR/BC/FBC | 1 | 0,4 |
| CRP/PRO/BC/FBC/CSF/UC | 1 | 0,4 |
| CRP/PRO/CYTO/BC/HERO | 1 | 0,4 |
| CRP/PRO/CYTO/DNA/BC | 1 | 0,4 |
| CRP/PRO/CYTO/DNA/BC/HERO | 1 | 0,4 |
| CRP/PRO/FBC | 1 | 0,4 |
| PCR/BC | 1 | 0,4 |
| PRO/BC | 1 | 0,4 |
| PRO/BC/FBC | 1 | 0,4 |
| Total | 271 | 100,0 |

B. Stop Antibiotics

| Tests | Number of responses | Percent (%) |
|---------------------|---------------------|--------------|
| CRP/BC | 112 | 41,3 |
| CRP/PRO/BC | 36 | 13,3 |
| CRP | 32 | 11,8 |
| BC | 22 | 8,1 |
| CRP/PRO | 17 | 6,3 |
| CRP/PCR/BC | 7 | 2,6 |
| CRP/BC/FBC | 6 | 2,2 |
| CRP/FBC | 3 | 1,1 |
| CRP/PRO/BC/HERO | 3 | 1,1 |
| NONE | 3 | 1,1 |
| PRO/BC | 3 | 1,1 |
| CRP/BC/HERO | 2 | 0,7 |
| CRP/CYTO | 2 | 0,7 |
| CRP/PRO/BC/FBC | 2 | 0,7 |
| CRP/PRO/BC/HERO/FBC | 2 | 0,7 |
| CRP/PRO/CYTO/BC | 2 | 0,7 |
| CRP/PRO/DNA/BC | 2 | 0,7 |
| CRP/PRO/PCR | 2 | 0,7 |
| CRP/PRO/PCR/BC | 2 | 0,7 |
| PCR/DNA/BC | 2 | 0,7 |
| CRP/CYTO/BC | 1 | 0,4 |
| CRP/CYTO/FBC | 1 | 0,4 |
| CRP/CYTO/PCR/BC | 1 | 0,4 |
| CRP/DNA/BC/HERO | 1 | 0,4 |
| CRP/PRO/FBC | 1 | 0,4 |
| CRP/PRO/PCR/DNA/BC | 1 | 0,4 |
| PCR/BC | 1 | 0,4 |
| PRO | 1 | 0,4 |
| PRO/CYTO/HERO | 1 | 0,4 |
| Total | 271 | 100,0 |

BC: blood cultures; CRP: C reactive protein; CYTO: cytokines; DNA: DNA microarray-based methods; FBC: full blood count; HERO: HeRo monitoring; PCR: PCR based methods; PRO: procalcitonin.