|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **NICU** | NICU Nasal | NICU Umbilical | NICU Nasal | NICU Umbilical | NICU Nasal | NICU Umbilical | NICU Nasal | NICU Umbilical | NICU Nasal | NICU Umbilical | NICU Nasal | NICU Umbilical |
| **Mupirocin MIC (µg)** | **Baseline** | **Baseline** | **Day 7** | **Day 7** | **Day 14** | **Day 14** | **Day 28** | **Day 28** | **Day 42** | **Day 42** | **Day 56** | **Day 56** |
| ***0.064*** | 10(MRSA, 4MSSA, 6) | 3(MSSA) |  |  |  |  |  |  |  | 1(MSSA) |  |  |
| ***0.094*** | 8(MRSA, 5MSSA, 3)  | 7(MRSA, 1MSSA, 6) |  |  |  |  |  |  |  |  | 1(MSSA) |  |
| ***0.125*** | 3(MSSA) | 3(MSSA) |  | 1(MSSA) |  |  |  |  |  |  |  |  |
| ***0.19*** |  | 1(MRSA) |  |  |  |  |  |  |  |  |  |  |
| ***1024*** | 1(MRSA) |  |  |  |  |  |  |  |  |  |  |  |
|  |
| **PICU** | PICU Nasal | PICU Umbilical | PICU Nasal | PICU Umbilical | PICU Nasal | PICU Umbilical | PICU Nasal | PICU Umbilical | PICU Nasal | PICU Umbilical | PICU Nasal | PICU Umbilical |
| **Mupirocin MIC (µg)** | **Baseline** | **Baseline** | **Day 7** | **Day 7** | **Day 14** | **Day 14** | **Day 28** | **Day 28** | **Day 42** | **Day 42** | **Day 56** | **Day 56** |
| ***0.064*** | 15(MRSA, 5MSSA, 10) | 5(MRSA, 1MSSA, 5) | 1(MRSA) |  |  |  |  |  | 1(MSSA) |  |  |  |
| ***0.094*** | 13(MRSA, 4MSSA, 9) | 1(MSSA) |  |  |  |  |  |  |  |  |  |  |
| ***0.125*** | 3(MRSA, 1MSSA, 2) |  |  |  | 1(MSSA) |  |  |  |  |  |  |  |
| ***0.19*** | 2(MSSA) |  |  |  |  |  |  |  |  |  |  |  |

ABBREVIATIONS: NICU, neonatal intensive care unit; PICU, pediatric intensive care unit; MIC; minimum inhibitory concentration; MRSA, methicillin-resistant *Staphylococcus aureus*; MSSA, methicillin-susceptible *Staphylococcus aureus*