**Appendix**

**Supplementary Table.** 2018-2019 Antimicrobial Therapy Guidelines for Enterobacterales Based Upon Xpert Carba-R Result

|  |  |  |
| --- | --- | --- |
| Gene (Carbapenemase) Detected | Ambler Class | Antimicrobial Recommendation |
| *bla*KPC (KPC) | Class A | Ceftazidime-avibactam (preferred)ORPolymyxin B +high dose extended infusion meropenem  |
| *bla*IMP (IMP) | Class B | Polymyxin B + second agent based on susceptibility |
| *bla*NDM (NDM) | Class B | Polymyxin B + second agent based on susceptibilityOR Aztreonam + ceftazidime-avibactam  |
| *bla*VIM (VIM) | Class B | Polymyxin B + second agent based on susceptibility   |
| *bla*OXA-48 (OXA-48) | Class D | Polymyxin B + second agent based on susceptibilityORCeftazidime-avibactam + second agent based on susceptibility  |