Changes in the incidence density of infection due to MRSA and ESBL-producing organisms (per 1000-patient-days) in ICU

- **Pre-ICU onset MRSA infection**
  - Phase 1: 79 (n = 79)
  - Phase 2: 45 (n = 45)
  - Phase 3: 96 (n = 96)

- **ICU onset nonbacteraemic MRSA infection**
  - Phase 1: 53 (n = 53)
  - Phase 2: 35 (n = 35)
  - Phase 3: 18 (n = 18)

- **ICU onset bacteraemic MRSA infection**
  - Phase 1: 29 (n = 29)
  - Phase 2: 14 (n = 14)
  - Phase 3: 5 (n = 5)

- **Pre-ICU onset infection due to ESBL producing organisms**
  - Phase 1: 69 (n = 69)
  - Phase 2: 81 (n = 81)
  - Phase 3: 149 (n = 149)

- **ICU onset nonbacteraemic infection due to ESBL producing organisms**
  - Phase 1: 27 (n = 27)
  - Phase 2: 46 (n = 46)
  - Phase 3: 76 (n = 76)

- **ICU onset bacteraemic infection due to ESBL producing organisms**
  - Phase 1: 18 (n = 18)
  - Phase 2: 18 (n = 18)
  - Phase 3: 21 (n = 21)

**Incidence density per 1000-patient-days**

- * p value = 0.001
- # p value < 0.001
- * p value = 0.039
- # p value = 0.006
- * p value = 0.019
- # p value = 0.026
- * p value = 0.443
- # p value = 0.001
- * p value = 0.019
- # p value = 0.026
- * p value = 0.039
- # p value = 0.006
- * p value = 0.019
- # p value = 0.026
- * p value = 0.040
- # p value = 0.048
- * p value = 0.917
- # p value = 0.946

**With interventions**

- **Controls**

**n = absolute number of case**

- • Comparison between phase 2 and phase 1;  # Comparison between phase 3 and phase 2;