

HOSPITAL INFECTION CONTROL AND PREVENTION UNIT, JIPMER

HEALTHCARE ASSOCIATED INFECTION (HAI) SURVEILLANCE REPORT, JIPMER, OCTOBER 2022- ICU



| Block | ICU | VAE Rate | | CLABSI Rate | | CAUTI Rate | | SSI Rate | Others | |
|------------------------------|-------------------------------------|-------------|-------------------------|--------------|--------------------------|-------------|--------------------|-------------|--------|------|
| | | JIPMER | NHSN 75 percentile | JIPMER | NHSN 75 percentile | JIPMER | NHSN 75 percentile | JIPMER | JIPMER | |
| EMS | TC ICU | 26.32 | 6.0 | 27.59 | 2.4 | 0.00 | 5.6 | 3.33 | - | |
| | BURNS | 0.00 | 6.7 | 0.00 | 5.2 | 0.00 | 8.1 | 0.00 | 13.1 | |
| MAIN | MICU | 15.87 | 1.6 | 6.10 | 1.9 | 2.21 | 3.9 | 0.00 | - | |
| | CCU (ICU 21) | 0.00 | 1.3 | 10.81 | 1.9 | 0.00 | 3.5 | 0.00 | - | |
| | SICU | 42.86 | 3.1 | 21.28 | 1.8 | 0.00 | 2.5 | 10.53 | - | |
| | 28 ICU | 0.00 | - | 74.07 | - | 0.00 | - | 0.00 | - | |
| SSB & RCC | CTVS ICU | 0.00 | 2.5 | 0.00 | 1.2 | 0.00 | 2.5 | 2.86 | - | |
| | NEURO MEDICINE ICU | 0.00 | 2.5 | 0.00 | 1.6 | 0.00 | 5 | 0.00 | - | |
| | NEURO SURGERY ICU | 0.00 | 2.9 | 17.70 | 1.9 | 0.00 | 6.2 | 4.17 | - | |
| | PAEDIATRIC SURGERY ICU | 0.00 | 0.9 | 22.73 | 2.1 | 0.00 | 3.8 | 10.71 | - | |
| | PL SURG ICU & SURGICAL ONCOLOGY ICU | 0.00 | 2.8 | 20.83 | 1.2 | 0.00 | 2.5 | 2.33 | - | |
| | RCC ICU | 0.00 | 1.3 | 50.00 | 1.5 | 0.00 | 2.3 | 0.00 | - | |
| | BMT | 0.00 | 2.8 | 0.00 | 1.2 | 0.00 | 2.5 | 0.00 | - | |
| | SGE ICU | 0.00 | 2.8 | 73.17 | 1.2 | 0.00 | 2.5 | 5.56 | - | |
| | UROLOGY ICU | 0.00 | 2.8 | 0.00 | 1.2 | 0.00 | 2.5 | 0.00 | - | |
| | LTP | 0.00 | 2.8 | 0.00 | 1.2 | 0.00 | 2.5 | 0.00 | - | |
| | KTP | 0.00 | 2.8 | 0.00 | 1.2 | 0.00 | 2.5 | 0.00 | - | |
| WCH | NICU | 0.00 | <750gm-2.4 >750gm-00 | 0.00 | <750gm-4.9 >750gm-3.3 | 0.00 | 0.00 | 0.00 | | |
| | PICU | 9.71 | 0.9 | 10.10 | 1.5 | 0.00 | 3.1 | 0.00 | | |
| | OBG ICU | 0.00 | 3.1 | 0.00 | 1.8 | 0.00 | 2.5 | 0.00 | 20.00 | 0.00 |
| JIPMER(ICU, average) | | 9.60 | | 12.08 | | 0.42 | | 3.99 | | |

Burns wound infection rate

LSCS infection rate

Episiotomy infection rate

HOSPITAL INFECTION CONTROL AND PREVENTION UNIT, JIPMER

| ICU | VAE Rate | | | CLABSI Rate | | | CAUTI Rate | | | SSI Rate | | | Burns | | | Episiotomy Rate | | | LSCS Rate | | |
|---------------------------------------|------------------|------------------------------|----------|---------------------|--------------------------------|-------------|---------------------|----------------------------|------------|------------|-----------------------|----------|--|----------------------|---------------------------|-----------------|----------------|-----------------|-----------|----------|-----------|
| | No. of VAE cases | Total No. of Ventilator days | VAE rate | No. of CLABSI cases | Total no. of Central line days | CLABSI rate | No. of CA-UTI cases | Total no. of catheter days | CAUTI Rate | No. of SSI | No. of Surgeries done | SSI Rate | No. of wound infections in burn patients | No. of patients days | Open Wound Infection Rate | EPIS SSI | Episiotomy ADM | Episiotomy Rate | LSCS SSI | LSCS ADM | LSCS Rate |
| TC ICU | 3 | 114 | 26.32 | 4 | 145 | 27.59 | 0 | 170 | 0.00 | 1 | 30 | 3.33 | - | - | - | - | - | - | - | - | - |
| BURNS | 0 | 3 | 0.00 | 0 | 45 | 0.00 | 0 | 59 | 0.00 | 0 | 0 | 0.00 | 3 | 229 | 13.10 | - | - | - | - | - | - |
| 28 ICU | 0 | 51 | 0.00 | 2 | 27 | 74.07 | 0 | 84 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - | - | - | - |
| MICU | 5 | 315 | 15.87 | 2 | 328 | 6.10 | 1 | 453 | 2.21 | 0 | 0 | 0.00 | - | - | - | - | - | - | - | - | - |
| SICU | 3 | 70 | 42.86 | 4 | 188 | 21.28 | 0 | 228 | 0.00 | 4 | 38 | 10.53 | - | - | - | - | - | - | - | - | - |
| WARD 21 (CCU21) | 0 | 197 | 0.00 | 2 | 185 | 10.81 | 0 | 281 | 0.00 | 0 | 25 | 0.00 | - | - | - | - | - | - | - | - | - |
| BMT | 0 | 0 | 0.00 | 0 | 66 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - | - | - | - |
| RCC ICU | 0 | 3 | 0.00 | 2 | 40 | 50.00 | 0 | 103 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - | - | - | - |
| CTVS ICU | 0 | 95 | 0.00 | 0 | 153 | 0.00 | 0 | 168 | 0.00 | 1 | 35 | 2.86 | - | - | - | - | - | - | - | - | - |
| NEURO MEDICINE ICU | 0 | 27 | 0.00 | 0 | 45 | 0.00 | 0 | 94 | 0.00 | 0 | 1 | 0.00 | - | - | - | - | - | - | - | - | - |
| NEURO SURGERY ICU | 0 | 40 | 0.00 | 2 | 113 | 17.70 | 0 | 166 | 0.00 | 1 | 24 | 4.17 | - | - | - | - | - | - | - | - | - |
| PAEDIATRIC SURGERY ICU | 0 | 5 | 0.00 | 1 | 44 | 22.73 | 0 | 43 | 0.00 | 3 | 28 | 10.71 | - | - | - | - | - | - | - | - | - |
| PLASTIC SURGERY ICU & Sx.ONCOLOGY ICU | 0 | 19 | 0.00 | 1 | 48 | 20.83 | 0 | 104 | 0.00 | 1 | 43 | 2.33 | - | - | - | - | - | - | - | - | - |
| SGE ICU | 0 | 7 | 0.00 | 3 | 41 | 73.17 | 0 | 53 | 0.00 | 1 | 18 | 5.56 | - | - | - | - | - | - | - | - | - |
| UROLOGY ICU | 0 | 1 | 0.00 | 0 | 12 | 0.00 | 0 | 108 | 0.00 | 0 | 43 | 0.00 | - | - | - | - | - | - | - | - | - |
| LTP | 0 | 1 | 0.00 | 0 | 29 | 0.00 | 0 | 31 | 0.00 | 0 | 1 | 0.00 | - | - | - | - | - | - | - | - | - |
| KTP | 0 | 0 | 0.00 | 0 | 12 | 0.00 | 0 | 15 | 0.00 | 0 | 3 | 0.00 | - | - | - | - | - | - | - | - | - |
| PICU | 1 | 103 | 9.71 | 1 | 99 | 10.10 | 0 | 105 | 0.00 | 0 | 2 | 0.00 | - | - | - | - | - | - | - | - | - |
| NICU | 0 | 164 | 0.00 | 0 | 355 | 0.00 | 0 | 2 | 0.00 | 0 | 6 | 0.00 | - | - | - | - | - | - | - | - | - |
| OBG ICU | 0 | 35 | 0.00 | 0 | 11 | 0.00 | 0 | 116 | 0.00 | 0 | 4 | 0.00 | - | - | - | 0 | 6 | 0 | 2 | 10 | 20.00 |

HOSPITAL INFECTION CONTROL AND PREVENTION UNIT, JIPMER

| WARD | VAE Rate | | | CLABSI Rate | | | CAUTI Rate | | | SSI Rate | | | Episiotomy Rate | | | LSCS Rate | | |
|-------------------------|------------------|------------------------------|----------|---------------------|--------------------------------|-------------|---------------------|----------------------------|------------|------------|-----------------------|----------|-----------------|----------------|-----------------|-----------|----------|-----------|
| | No. of VAE cases | Total No. of Ventilator days | VAE rate | No. of CLABSI cases | Total no. of Central line days | CLABSI rate | No. of CA-UTI cases | Total no. of catheter days | CAUTI Rate | No. of SSI | No. of Surgeries done | SSI Rate | EPIS SSI | Episiotomy ADM | Episiotomy Rate | LSCS SSI | LSCS ADM | LSCS Rate |
| PMRC A & C | 0 | 0 | 0 | 0 | 2 | 0.00 | 0 | 72 | 0.00 | 5 | 52 | 9.62 | - | - | - | - | - | - |
| PMRC POW | 0 | 0 | 0 | 0 | 25 | 0.00 | 0 | 60 | 0.00 | 2 | 20 | 10.00 | - | - | - | - | - | - |
| WARD 31 | 0 | 0 | 0 | 0 | 76 | 0.00 | 0 | 113 | 0.00 | 1 | 36 | 2.78 | - | - | - | - | - | - |
| WARD 34 | 0 | 0 | 0 | 0 | 46 | 0.00 | 0 | 90 | 0.00 | 3 | 42 | 7.14 | - | - | - | - | - | - |
| WARD 36 | 0 | 0 | 0 | 0 | 48 | 0.00 | 0 | 127 | 0.00 | 9 | 30 | 30.00 | - | - | - | - | - | - |
| WARD 37 | 0 | 0 | 0 | 0 | 54 | 0.00 | 0 | 129 | 0.00 | 2 | 19 | 10.53 | - | - | - | - | - | - |
| SGE WARD | 0 | 0 | 0 | 0 | 34 | 0.00 | 0 | 3 | 0.00 | 0 | 4 | 0.00 | - | - | - | - | - | - |
| SURGICAL ONCOLOGY WARD | 0 | 0 | 0 | 0 | 21 | 0.00 | 0 | 41 | 0.00 | 6 | 34 | 17.65 | - | - | - | - | - | - |
| UROLOGY WARD | 0 | 0 | 0 | 0 | 2 | 0.00 | 0 | 211 | 0.00 | 0 | 4 | 0.00 | - | - | - | - | - | - |
| RCC FEMALE WARD | 0 | 0 | 0 | 0 | 67 | 0.00 | 0 | 67 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - |
| RCC MALE WARD | 0 | 0 | 0 | 0 | 61 | 0.00 | 0 | 3 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - |
| RCC SPECIAL WARD | 0 | 0 | 0 | 0 | 218 | 0.00 | 0 | 47 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - |
| CTVS WARD | 0 | 0 | 0 | 0 | 49 | 0.00 | 0 | 85 | 0.00 | 0 | 23 | 0.00 | - | - | - | - | - | - |
| PAEDIATRIC SURGERY WARD | 0 | 0 | 0 | 0 | 18 | 0.00 | 0 | 84 | 0.00 | 0 | 23 | 0.00 | - | - | - | - | - | - |
| KTP | 0 | 0 | 0 | 0 | 28 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 0.00 | | | | | | |
| NEURO MEDICINE WARD | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 17 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - |
| NEURO SURGERY WARD | 0 | 0 | 0 | 0 | 71 | 0.00 | 0 | 63 | 0.00 | 0 | 1 | 0.00 | - | - | - | - | - | - |
| PLASTIC SURGERY WARD | 0 | 0 | 0 | 0 | 19 | 0.00 | 0 | 30 | 0.00 | 0 | 4 | 0.00 | - | - | - | - | - | - |
| WARD 466 | 0 | 0 | 0 | 0 | 15 | 0.00 | 0 | 36 | 0.00 | 0 | 6 | 0.00 | 0 | 0 | 0.00 | 0 | 8 | 0.00 |
| WARD 401 | 0 | 0 | 0 | 0 | 3 | 0.00 | 0 | 92 | 0.00 | 0 | 105 | 0.00 | 0 | 41 | 0.00 | 1 | 67 | 1.49 |
| WARD 302 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 45 | 0.00 | 0 | 0 | 0.00 | 1 | 645 | 0.16 | 5 | 316 | 1.58 |
| WARD 552 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 237 | 0.00 | 0 | 0 | 0.00 | 0 | 7 | 0.00 | 0 | 241 | 0.00 |
| WARD 554 | 0 | 0 | 0 | 0 | 3 | 0.00 | 0 | 74 | 0.00 | 0 | 85 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 0.00 |

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FORMULAE OF HAI INFECTIONS RATES

| HAI Infection Rates | Formulae |
|--------------------------------|--|
| 1. VAE Rate= | No. of VAE cases/ total no. of ventilator days X 1000 |
| 2. CLABSI Rate = | No. of CLABSI cases/ total no. of central line days X 1000 |
| 3. CA-UTI Rate= | No. of CA-UTI cases/ total no. of catheter days X 1000 |
| 4. SSI Rate= | No. of SSI/ No. of surgeries done X100 |
| 5. Burn Wound Infection Rate = | No. of wound infections in burn patients/ No. of patient days X 1000 |
| 6. LSCS SSI Rate | = No. of LSCS SSI cases / total no. of LSCS Adm. X 100 |
| 7. Episiotomy Rate | = No. of Episiotomy SSI cases / total no. of Episiotomy Adm. X 100 |