

HOSPITAL INFECTION CONTROL AND PREVENTION UNIT, JIPMER

HEALTHCARE ASSOCIATED INFECTION (HAI) SURVEILLANCE REPORT, JIPMER, AUGUST 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 | 6.85 | 6.0 | 6.33 | 2.4 | 0.00 | 5.6 | 0.00 | - | |
| | BURNS | 0.00 | 6.7 | 9.01 | 5.2 | 9.17 | 8.1 | 0.00 | 16.95 | Burns wound infection rate |
| MAIN | MICU | 15.63 | 1.6 | 3.13 | 1.9 | 0.00 | 3.9 | 50.00 | - | |
| | CCU (ICU 21) | 16.95 | 1.3 | 5.71 | 1.9 | 0.00 | 3.5 | 0.00 | - | |
| | SICU | 0.00 | 3.1 | 5.68 | 1.8 | 0.00 | 2.5 | 7.69 | - | |
| SSB & RCC | CTVS ICU | 0.00 | 2.5 | 0.00 | 1.2 | 0.00 | 2.5 | 2.56 | - | |
| | NUEROMED ICU | 0.00 | 2.5 | 0.00 | 1.6 | 0.00 | 5 | 0.00 | - | |
| | NUEROSURG ICU | 11.63 | 2.9 | 0.00 | 1.9 | 6.17 | 6.2 | 4.55 | - | |
| | PAED SURG ICU | 0.00 | 0.9 | 0.00 | 2.1 | 0.00 | 3.8 | 3.57 | - | |
| | PL SURG ICU & SURGICAL ONCOLOGY ICU | 0.00 | 2.8 | 0.00 | 1.2 | 0.00 | 2.5 | 4.55 | - | |
| | RCC ICU | 0.00 | 1.3 | 0.00 | 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 | 34.48 | 2.8 | 10.75 | 1.2 | 0.00 | 2.5 | 32.00 | - | |
| | 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 | 3.39 | <750gm-4.9 >750gm-3.3 | 0.00 | 0.00 | 0.00 | - | Episiotomy infection rate |
| | PICU | 5.52 | 0.9 | 17.09 | 1.5 | 0.00 | 3.1 | 0.00 | - | |
| | OBG ICU | 0.00 | 3.1 | 0.00 | 1.8 | 0.00 | 2.5 | 13.33 | 0.00 | 0.00 LSCS infection rate |
| JIPMER(ICU, average) | | 9.00 | | 4.42 | | 0.84 | | 5.48 | - | |

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| 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 | No. of patients days | Open Wound Infection Rate | EPIS SSI | Episiotomy ADM | Episiotomy Rate | LSCS SSI | LSCS ADM | LSCS Rate |
| TC ICU | 1 | 146 | 6.85 | 1 | 158 | 6.33 | 0 | 161 | 0.00 | 0 | 27 | 0.00 | - | - | - | - | - | - | - | - | - |
| BURNS | 0 | 11 | 0.00 | 1 | 111 | 9.01 | 1 | 109 | 9.17 | 0 | 7 | 0.00 | 5 | 295 | 16.95 | - | - | - | - | - | - |
| MICU | 5 | 320 | 15.63 | 1 | 319 | 3.13 | 0 | 434 | 0.00 | 1 | 2 | 50.00 | - | - | - | - | - | - | - | - | - |
| SICU | 0 | 85 | 0.00 | 1 | 176 | 5.68 | 0 | 226 | 0.00 | 2 | 26 | 7.69 | - | - | - | - | - | - | - | - | - |
| WARD 21 (CCU21) | 3 | 177 | 16.95 | 1 | 175 | 5.71 | 0 | 296 | 0.00 | 0 | 20 | 0.00 | - | - | - | - | - | - | - | - | - |
| BMT | 0 | 0 | 0.00 | 0 | 64 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - | - | - | - |
| RCC ICU | 0 | 16 | 0.00 | 0 | 49 | 0.00 | 0 | 134 | 0.00 | 0 | 3 | 0.00 | - | - | - | - | - | - | - | - | - |
| CTVS ICU | 0 | 65 | 0.00 | 0 | 164 | 0.00 | 0 | 171 | 0.00 | 1 | 39 | 2.56 | - | - | - | - | - | - | - | - | - |
| NEURO MEDICINE ICU | 0 | 70 | 0.00 | 0 | 105 | 0.00 | 0 | 130 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - | - | - | - |
| NEURO SURGERY ICU | 1 | 86 | 11.63 | 0 | 96 | 0.00 | 1 | 162 | 6.17 | 1 | 22 | 4.55 | - | - | - | - | - | - | - | - | - |
| PAEDIATRIC SURGERY ICU | 0 | 2 | 0.00 | 0 | 21 | 0.00 | 0 | 32 | 0.00 | 1 | 28 | 3.57 | - | - | - | - | - | - | - | - | - |
| PLASTIC SURGERY ICU & Sx.ONCOLOGY ICU | 0 | 17 | 0.00 | 0 | 45 | 0.00 | 0 | 103 | 0.00 | 3 | 66 | 4.55 | - | - | - | - | - | - | - | - | - |
| SGE ICU | 1 | 29 | 34.48 | 1 | 93 | 10.75 | 0 | 81 | 0.00 | 8 | 25 | 32.00 | - | - | - | - | - | - | - | - | - |
| UROLOGY ICU | 0 | 3 | 0.00 | 0 | 14 | 0.00 | 0 | 79 | 0.00 | 0 | 51 | 0.00 | - | - | - | - | - | - | - | - | - |
| LTP | 0 | 2 | 0.00 | 0 | 10 | 0.00 | 0 | 21 | 0.00 | 0 | 2 | 0.00 | - | - | - | - | - | - | - | - | - |
| KTP | 0 | 0 | 0.00 | 0 | 9 | 0.00 | 0 | 10 | 0.00 | 0 | 5 | 0.00 | - | - | - | - | - | - | - | - | - |
| PICU | 1 | 181 | 5.52 | 2 | 117 | 17.09 | 0 | 114 | 0.00 | 0 | 6 | 0.00 | - | - | - | - | - | - | - | - | - |
| NICU | 0 | 84 | 0.00 | 1 | 295 | 3.39 | 0 | 3 | 0.00 | 0 | 3 | 0.00 | - | - | - | - | - | - | - | - | - |
| OBG ICU | 0 | 39 | 0.00 | 0 | 17 | 0.00 | 0 | 108 | 0.00 | 2 | 15 | 13.33 | - | - | - | 0 | 12 | 0 | 0 | 17 | 0 |

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| 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 | 96 | 0.00 | 11 | 50 | 22.00 | - | - | - | - | - | - |
| PMRC POW | 0 | 0 | 0 | 0 | 28 | 0.00 | 1 | 106 | 9.43 | 2 | 22 | 9.09 | - | - | - | - | - | - |
| WARD 31 | 0 | 0 | 0 | 0 | 29 | 0.00 | 0 | 113 | 0.00 | 0 | 28 | 0.00 | - | - | - | - | - | - |
| WARD 34 | 0 | 0 | 0 | 0 | 50 | 0.00 | 1 | 101 | 9.90 | 3 | 39 | 7.69 | - | - | - | - | - | - |
| WARD 36 | 0 | 0 | 0 | 0 | 85 | 0.00 | 0 | 127 | 0.00 | 4 | 33 | 12.12 | - | - | - | - | - | - |
| WARD 37 | 0 | 0 | 0 | 0 | 48 | 0.00 | 0 | 131 | 0.00 | 3 | 19 | 15.79 | - | - | - | - | - | - |
| SGE WARD | 0 | 0 | 0 | 0 | 9 | 0.00 | 0 | 20 | 0.00 | 0 | 5 | 0.00 | - | - | - | - | - | - |
| SURGICAL ONCOLOGY WARD | 0 | 0 | 0 | 0 | 13 | 0.00 | 0 | 61 | 0.00 | 2 | 11 | 18.18 | - | - | - | - | - | - |
| UROLOGY WARD | 0 | 0 | 0 | 0 | 7 | 0.00 | 0 | 209 | 0.00 | 0 | 18 | 0.00 | - | - | - | - | - | - |
| RCC FEMALE WARD | 0 | 0 | 0 | 0 | 118 | 0.00 | 0 | 89 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - |
| RCC MALE WARD | 0 | 0 | 0 | 1 | 51 | 19.61 | 0 | 3 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - |
| RCC SPECIAL WARD | 0 | 0 | 0 | 0 | 244 | 0.00 | 0 | 38 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - |
| CTVS WARD | 0 | 0 | 0 | 0 | 40 | 0.00 | 0 | 60 | 0.00 | 0 | 45 | 0.00 | - | - | - | - | - | - |
| PAEDIATRIC SURGERY WARD | 0 | 0 | 0 | 0 | 6 | 0.00 | 0 | 91 | 0.00 | 0 | 23 | 0.00 | - | - | - | - | - | - |
| NEURO MEDICINE WARD | 0 | 0 | 0 | 0 | 5 | 0.00 | 0 | 21 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - |
| NEURO SURGERY WARD | 0 | 30 | 0 | 0 | 33 | 0.00 | 0 | 107 | 0.00 | 0 | 1 | 0.00 | - | - | - | - | - | - |
| PLASTIC SURGERY WARD | 0 | 0 | 0 | 0 | 12 | 0.00 | 0 | 21 | 0.00 | 0 | 0 | 0.00 | - | - | - | - | - | - |
| WARD 302 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 30 | 0.00 | 0 | 0 | 0.00 | 1 | 728 | 0.14 | 1 | 400 | 0.25 |
| WARD 466 | 0 | 0 | 0 | 0 | 41 | 0.00 | 0 | 34 | 0.00 | 0 | 0 | 0.00 | 0 | 2 | 0.00 | 0 | 0 | 0.00 |
| WARD 401 | 0 | 0 | 0 | 0 | 1 | 0.00 | 0 | 96 | 0.00 | 0 | 72 | 0.00 | 0 | 19 | 0.00 | 0 | 31 | 0.00 |
| WARD 552 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0 | 170 | 0.00 | 0 | 0 | 0.00 | 0 | 4 | 0.00 | 0 | 164 | 0.00 |
| WARD 554 | 0 | 0 | 0 | 0 | 4 | 0.00 | 0 | 109 | 0.00 | 0 | 86 | 0.00 | 0 | 0 | 0.00 | 0 | 0 | 0.00 |

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 |