

M R S A R E P O R T

04/18: 04 May 2004

HEALTHCARE FACILITIES ASSOCIATED* WITH MULTIRESISTANT MRSA IN THE LAST 13 WEEKS: 31 January-30 April 2004

| Healthcare facility (HCF) | Date MRSA last isolated | Persons with MRSA | Strain (MRSA Report No. in which strain first described) | Ward/Dept where cross-infection occurred | Date cross-infection strain last isolated |
|--|-------------------------|-------------------|--|--|--|
| Whangarei Hospital | 12.04.04 | 3 ^λ | 1 EMRSA-16 (99/32) 2 WR/AK1 (98/38) | | |
| Auckland City Hospital | 19.04.04 | 33 ^φ | 14 AKh4 (01/50) 17 EMRSA-15 (99/3) | | |
| Middlemore Hospital | 21.04.04 | 35 | 9 AKh4 20 EMRSA-15 4 WR/AK1 | # # | 8.04.04 21.04.04 |
| North Shore Hospital | 14.04.04 | 20 | 8 AKh4 5 AKh4 6 EMRSA-15 1 WR/AK1 | 8, Surgical | 14.04.04 |
| Starship Children's Health, Auckland | 20.03.04 | 4 | 1 AKh4 2 WR/AK1 | | |
| Other Auckland HCFs [†] | 22.04.04 | 54 | 3 AKh4 42 EMRSA-15 1 EMRSA-16 4 WR/AK1 | | |
| Thames Hospital | 20.02.04 | 2 | 2 EMRSA-15 | | |
| Waikato Hospital | 9.04.04 | 26 | 4 EMRSA-15 5 EMRSA-15 3 EMRSA-15 1 EMRSA-15 9 EMRSA-15 2 WR/AK1 | Orthopaedics Surgical 7, Burns 58, Rehabilitation | 18.03.04 5.04.04 28.03.04 2.02.04 |
| Trevellyn Rest Home & Hospital, Hamilton | 20.04.04 | 2 | 2 EMRSA-15 | | |
| Other Hamilton HCFs [†] | 23.04.04 | 4 | 4 EMRSA-15 | | |
| Tauranga Hospital | 15.04.04 | 4 | 3 EMRSA-15 1 WR/AK1 | | |
| Rotorua Hospital | 5.04.04 | 2 | 2 EMRSA-15 | | |
| Whakatane Hospital | 20.04.04 | 2 | 2 EMRSA-15 | | |
| Hawkes Bay Hospital | 5.04.04 | 8 | 6 EMRSA-15 1 EMRSA-16 1 WR/AK1 | # | 5.04.04 |
| Other Hawkes Bay HCFs [†] | 7.03.04 | 2 | 1 EMRSA-15 1 EMRSA-16 | | |
| Palmerston North Hospital | 8.04.04 | 2 | 2 AKh4 | | |
| Masterton Hospital | 9.03.04 | 2 | 2 EMRSA-15 | | |
| Kenepuru Hospital | 2.04.04 | 3 | 3 EMRSA-15 | | |
| Wellington Hospital | 27.04.04 | 11 | 8 EMRSA-15 1 EMRSA-16 | | |
| Nelson Hospital | 17.04.04 | 2 | 1 EMRSA-15 | | |
| Christchurch Hospital | 26.03.04 | 3 | 1 AKh4 1 EMRSA-15 | | |

* MRSA isolated from at least two patients or staff, including discharged patients, but not patients isolated on admission.

Cross-infection has occurred in several wards in the healthcare facility.

† Healthcare facilities whose names are withheld from publication or are unknown.

φ 2 people have two different multiresistant strains.

λ 1 person has two different multiresistant strains.

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MULTIRESISTANT MRSA NEWLY CONFIRMED: 24-30 April 2004

HEALTHCARE FACILITY

- Auckland City Hospital: 4 patients: 2 with AKh4 MRSA;
1 with both AKh4 MRSA and EMRSA-15 strain.
- Middlemore Hospital: 5 patients with EMRSA-15 strain.
- Auckland healthcare facilities †: 7 patients: 6 with EMRSA-15 strain;
1 with WR/AK1 strain.
- Trevellyn Rest Home & Hospital, Hamilton: 1 patient with EMRSA-15 strain.
- Hamilton healthcare facilities †: 1 patient with EMRSA-15 strain.
- Rotorua Hospital: 1 patient with EMRSA-15 strain, who is a resident of a Rotorua healthcare facility †.
- Whakatane Hospital: 1 patient with EMRSA-15 strain.
- Wellington Hospital: 1 patient with EMRSA-15 strain.
- Rita Angus Hospital & Retirement Village, Wellington: 1 patient with EMRSA-15 strain, post-discharge from Wellington Hospital.
- Nelson Hospital: 1 patient with EMRSA-15 strain, post-discharge from Wellington Hospital.

HEALTHCARE FACILITY (but patient in isolation from time of admission)

- Waikato Hospital: 1 patient.

COMMUNITY

- Auckland: 7 people: 2 with AKh4 MRSA;
2 with EMRSA-15 strain;
2 with WR/AK1 strain.
- Waikato: 1 person with WR/AK1 strain.
- Wellington: 2 people with EMRSA-15 strain.
- Canterbury: 1 healthcare worker, from the United States, with EMRSA-15 strain isolated during pre-employment screening.

CURRENT OUTBREAKS OF NON-MULTIRESISTANT MRSA

Non-multiresistant EMRSA-15 (ciprofloxacin-resistant, erythromycin-susceptible) were newly isolated from 4 patients in Middlemore Hospital; 2 patients in Auckland healthcare facilities †; 1 staff member of Metlife Care, Paraparaumu; 1 Auckland community patient; 1 Hawkes Bay community patient; and 1 Wellington community patient.

† Healthcare facilities whose names are withheld from publication or are unknown.