## The importance of proper antimicrobial use for MRSA infections – Beware of rifampicin monotherapy induced resistance



TEIC

Dav1-3 200mg g12hr

Dy4-14 200mg q24hr

RFP 300mg q24hr

Year X

Day 46 of Illness

previous orthopedic

progress was good

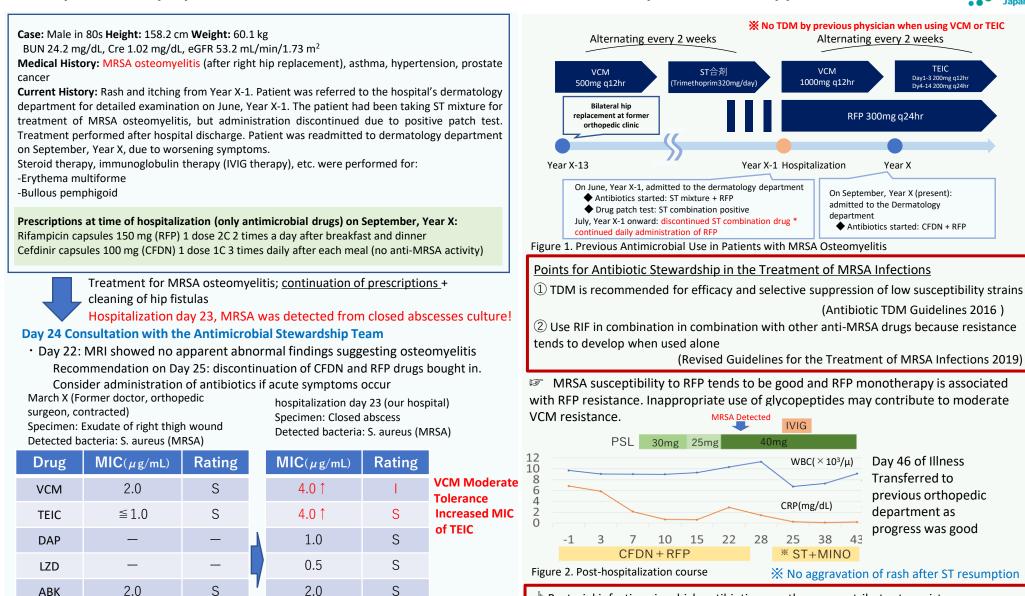
initiating treatment

of pneumonia

Transferred to

department as

43



Bacterial infections in which antibiotic monotherapy contributes to resistance Be careful when

- Quinolone monotherapy for tuberculosis
- Monotherapy of clarithromycin in nontuberculous mycobacteria

→ Combination therapy required for all cases. Appropriate initial diagnosis is crucial

This case study was compiled at the request of AMR Alliance Japan as part of a series of case studies designed to show actual cases in which antimicrobials were and were not used as examples of antimicrobial stewardship.

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**RFP Resistance**