

Community-Acquired *Staphylococcus argenteus* Sequence Type 2250 Bone and Joint Infection, France 2017

Technical Appendix

Technical Appendix Table. Characteristics of reported cases of infection with *Staphylococcus argenteus**

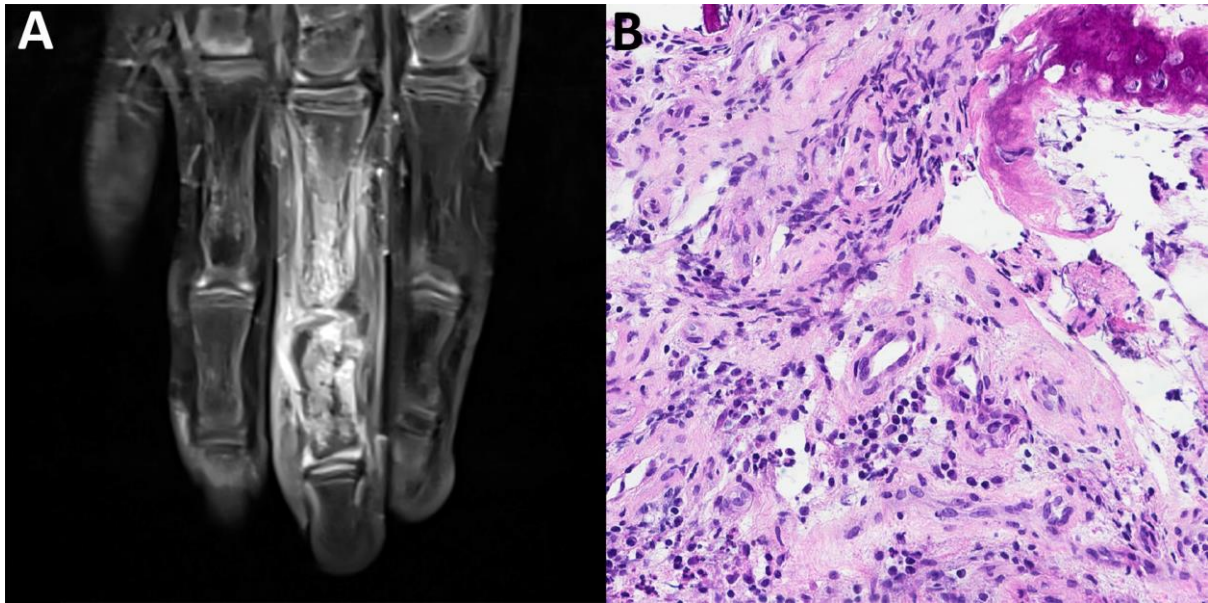
Reference	No. cases	Patients	Signs/symptoms	Diagnostic method	Bacterial strain characteristics	Treatment	Prognosis
Holt et al., 2011 (1)	1	Woman from Australia	Necrotizing fasciitis and bacteremia	WGS	Resistant to methicillin	Not described	Not reported
Dupieux et al., 2015 (2)	2	25-year-old woman	Pulmonary and bacteremia	Microarray, MLST	Susceptible to methicillin, positive for PVL	Amoxicillin/clavulanic acid, roxithromycin, ceftriaxone, spiramycin, oxacillin, clindamycin, linezolid	Recovered
		18-month-old child	Knee arthritis, bacteremia, and multiple pulmonary abscesses			Amoxicillin/clavulanic acid, gentamicin, clindamycin, linezolid, oxacillin, rifampin, polyvalent immunoglobulin	
Thaipadungpanit et al., 2015 (3)	10	270 in Thailand	2 with bacteremia; 7 with SST; 1 with osteomyelitis (2 healthcare-associated infections)	SNP	All resistant to methicillin; none positive for PVL	Not described	Same prognosis as <i>S. aureus</i> infections for death and illness
Chantratita et al., 2016 (4)	58	311 in Thailand	23 with bacteremia	PFGE, MLST	No strain resistant to methicillin; 15 strains positive for PVL	Not described	Same death rate as for <i>S. aureus</i> infections
Suzuki et al., 2017 (5)	2	Intoxicated 3 h after eating lunch	Food poisoning	WGS	Both strains produced SEB; no SCCmec elements	Not described	Not described
Wakabayashi et al., 2018 (6)	4 in 2014; 13 in 201	3 patients and 1 food handler in 2014; 12 patients and 1 food handler in 2015	Food poisoning	PFGE, MLST	All strains positive for SEB	Not described	Not described

Reference	No. cases	Patients	Signs/symptoms	Diagnostic method	Bacterial strain characteristics	Treatment	Prognosis
This study	1	9-year-old boy in France	Finger arthritis and osteomyelitis	Microarray	Susceptible to methicillin	Amoxicillin/clavulanic acid, ceftazolin, gentamicin, rifampin, fusidic acid, clindamycin, ofloxacin	Recovered

*MLST, multilocus sequence typing; PFGE, pulsed-field gel electrophoresis; PVL, Panton-Valentine leukocidin; SCCmec, staphylococcal cassette chromosome mec; SEB, staphylococcal enterotoxin B; SNP, single-nucleotide polymorphism; SSTI, skin and soft tissue infection; WGS, whole-genome sequencing.

References

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Technical Appendix Figure. Community-acquired *Staphylococcus argenteus* sequence type 2250 bone and joint infection in a 9-year-old boy, France 2017. A) Fat-saturated, T1-weighted, magnetic resonance image after gadolinium injection in coronal plane of the right hand, showing evidence of osteitis at the base of middle phalanx up to cartilaginous growth plate of third finger with local necrosis at the time of infection. B) Infected bone tissue showing infiltration with numerous plasmacytes and lymphocytes on the left at the time of infection (hematoxylin and eosin stained, original magnification $\times 100$).