

Penicillin-Resistant Streptococcus Pneumoniae (Pneumococcus) Osteomyelitis in a Premature Infant

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We present an extremely rare occurrence of penicillin-resistant Streptococcus pneumonia osteomyelitis infection in a four-month-old premature infant. The baby presented with swelling of the thigh and low-grade fever.

The X-ray of the leg was suggestive of fracture of the femur, while the ultrasonography revealed a periosteal reaction suggestive of osteomyelitis of the bone. Aspiration of the pus confirmed the presence of penicillin-resistant streptococcus pneumonia. The infection was managed with intravenous Cefepime for three weeks followed by another three weeks of oral Augmentin; the infant had good clinical and radiographic recovery.