Arthritis and Bacteremia due to *Leclercia adecarboxylata*

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A 70-year-old man suffered with painful, swollen fingers for several weeks before being admitted to our hospital. He was a sailor in Southeast Asia and had always been in a healthy condition. On admission, the patient presented with arthritis in the DIP and PIP joints of the fingers (Picture). His blood tests revealed inflammatory reactions, and *Leclercia adecarboxylata* was isolated from two blood cultures.

The examination of his spinal fluid, transesophageal echocardiography and whole-body contrast-enhanced computed tomography (CT) scans indicated no abnormal findings. Treatment with tazobactam/piperacillin improved the patient’s fever and arthritis without any complications.

*Leclercia adecarboxylata* is an extremely rare, Gram-negative bacillus which has been shown to cause arthritis, endocarditis and bacteremia in immunocompromised patients but rarely in immunocompetent patients (1, 2). We herein report the first case of arthritis and bacteremia solely due to *Leclercia adecarboxylata* infection in an immunocompetent patient.

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References