

A congenital brucellosis case of 34-day-old girl

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March 30, 2022

Abstract

Brucellosis is the most common zoonotic infection over the world, caused by bacterial genus brucella. The disease is transmitted rarely via human-to-human transmission. Limited data support vertical transmission of human brucellosis. Herein, we reported a case of congenital brucellosis case. *Brucella meliteusis* DNA was detected by next-generation sequencing and bacterial identifying under microscope in mother's placental specimen, which also proved chorioamnionitis. After the first course of rifampicin for 6 weeks and meropenem for 2 weeks, the disease relapsed within 3 weeks. The second course were rifampicin and SMZ/TMP for 8 weeks. The baby was still in following-up.

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