

THERAPEUTIC PLASMA EXCHANGE AND SINGLE-PASS ALBUMIN DIALYSIS IN A 10-MONTH-OLD GIRL WITH DENGUE SHOCK SYNDROME IN THAILAND: A CASE REPORT

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Abstract. Dengue infection may have a variety of presentations ranging from asymptomatic to severe multiorgan involvement and rarely, severe liver involvement. We present a case of a 10-month-old female who developed dengue shock syndrome and acute liver failure. She underwent continuous venovenous hemofiltration (CVVH), single pass albumin dialysis (SPAD), and therapeutic plasma exchange (TPE) because she had volume overload and acute liver failure and the molecular adsorbent recirculating system is limited in our center. She was discharged after 72 days of hospitalization. At follow-up, she had no residual symptoms and her liver function had returned to normal. Acute liver failure may occur with dengue infection in children.

Keywords: dengue infection. plasma exchange. dialysis. liver failure

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