Extramedullary Hematopoiesis
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History
Nearly 2 year old male with abdominal pain and fever.

Diagnosis
Extramedullary Hematopoiesis

Additional Clinical
Pathology-Extramedullary hematopoiesis secondary to acute T cell lymphoblastic leukemia.

Discussion
Extramedullary hematopoiesis is a mechanism to compensate for deficient red cell mass. It is known to occur with myelofibrosis, various anemias and chronic myelogenous leukemia but is rare in acute leukemias. Hepatosplenomegaly with a microcystic echotexture is typical of extramedullary hematopoiesis; infection (usually fungal microabscesses), lymphatic obstruction and lymphatic malformation, and leukemic infiltration could also be considered in the differential diagnosis.

Findings
US-Hepatosplenomegaly with microcystic appearance of the spleen, disordered hepatic echotexture and perihepatic adenopathy.
CT-Coronal reformat confirming US findings.

Reference
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