

Paediatric mesenteric cystic lymphangioma with eggshell calcification

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A boy, aged 4 years and 8 months, presented with abdominal pain and vomiting for 1 day. The computed tomography examination showed a low-density shadow in the right lower abdomen, with an oval, high-density mass below (**Figure 1**). Surgery was performed, during which multiple cystic and eggshell-like solid masses of different sizes were found in the mesentery (**Figure 2**). These masses were very stiff and were growing on the mesentery alongside other cystic masses of varying sizes. The postoperative pathological results showed that this was mesenteric cystic lymphangioma with calcification.

Cystic lymphangioma is more common in the neck and axillae of children, presenting with polycystic manifestations. Abdominal mesenteric cystic lymphangioma with eggshell calcification is very rare. Teratoma (Li and Bai, 2016) and meconium peritonitis (Varal and Dogan, 2018) may also lead to eggshell calcification and should be considered in the differential diagnosis.

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References

Li H, Bai YZ. Calcified mesenteric lymphangioma mimicking a teratoma in a 4-year-old child. *Pediatr Neonatol.* 2016;57(3):256–258. <https://doi.org/10.1016/j.pedneo.2015.07.004>

Varal IG, Dogan P. Abdominal eggshell calcifications in the newborn: meconium peritonitis. *Pan Afr Med J.* 2018;31:84. <https://doi.org/10.11604/pamj.2018.31.84.16592>



Figure 1. Computed tomography showed an eggshell-like calcified mass (3.5cm × 3cm × 2.5cm; arrow) in the abdomen.



Figure 2. Multiple cystic and solid masses were found in the abdominal mesentery.