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Liver Transplantation in Children with Budd-Chiari Syndrome, An Evidence-Based Case Report**Sari Febriana¹, Tri Hening² and Sastiono³**¹Surgery Training Program Departement of Surgery,^{2,3}Division of Pediatric Department of Surgery, Faculty of Medicine Universitas Indonesia

Background & Objective: Budd-Chiari syndrome (BCS) in children is a rare case. The prevalence of SBC in India is reported to be 7.4%. No publication on the prevalence of SBC in RSCM. Because of that, there is difficulty in diagnosing and choosing the best management of these patients, especially in BCS with moderate fibrosis.

Method: Conducted literature research on various sites, such as Clinical Key, PubMed, ScienceDirect, and EBSCOhost, by asking the research question "How is the scientific evidence supporting liver transplantation in Budd-Chiari Syndrome with moderate fibrosis in children?". The literature criteria are systematic review, randomized-clinical trial, cohort study, case report, or case series. Published studies should be performed on humans, whether living donor or cadaveric transplantation, English or Indonesian language, no publication year limit, and available in full-text form. BCS in adult or publication in the form of correspondence, editorial, or commentary excluded. Critical review was carried out using instruments downloaded from equator-network.org, then interpreted, and made a conclusion.

Result: One case series that reports BCS in children with moderate fibrosis. Liver transplantation is a treatment option for moderate fibrosis with level of evidence 4. Reversibility of tissue damage, etiology, and patient readiness are other factors to consider before deciding on liver transplantation.

Conclusion: Liver transplantation in BCS in children with moderate fibrosis is being supported by case series study with level of evidence 4. The need to consider other factors, including general condition of patient, duration of symptoms, and location of blockage.

Biography

Sari has completed her education as general surgeon from Universitas Indonesia in 2018. Tri hening is pediatric surgeon in Ciptomangunkusumo Hospital and she is undergoing doctoral program in Universitas Indonesia. Sastiono is pediatric surgeon and senior staff in pediatric division Department Surgery Faculty of Medicine Universitas Indonesia.

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