

## Liver Transplantation in a Child With Severe Hypercholesterolaemia in Alagille Syndrome

S C Quek,\**FAMS, M Med, FACC*, M Aw,\*\**MBBS, M Med, MRCP*, S H Quak,\**FAMS, M Med, FRCP*, K Prabhakaran,\*\*\**FAMS, M Med, FRCS*,  
K C Tan,\*\*\*\**FAMS, MBBS, FRCS*

### Abstract

**Introduction:** Liver transplantation is a curative treatment modality in children with end stage liver disease in Alagille syndrome. **Clinical Picture:** We report a 3-year-old child with this condition who had severe hypercholesterolaemia, pruritus and extensive xanthomatosis. **Treatment:** Liver transplantation was performed in this patient. **Outcome:** He recovered well with normalisation of his lipid profile. This procedure also resulted in resolution of the disfiguring xanthomatosis.

*Ann Acad Med Singapore 2001; 30:44-7*

**Key words:** Alagille syndrome, Child, Hypercholesterolaemia, Liver transplant, Xanthoma

---

\* Associate Professor

\*\* Senior Registrar

Department of Paediatrics

\*\*\* Associate Professor

\*\*\*\* Visiting Consultant

Department of Surgery

National University Hospital

Address for Reprints: Assoc Prof Quek Swee Chye, Department of Paediatrics, National University Hospital, 5 Lower Kent Ridge Road, Singapore 119074.