



Title	Laparoscopic ligation of a congenital extrahepatic portosystemic shunt for children with hyperammonemia: a single-institution experience
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Note	

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Table 1 Patients demographic characteristics

case	sex	Age at diagnosis	Triggers for diagnosis	Location of shunt vessel	Relevant medical history	HPS	PH	NH ₃ (µg/dl)	Liver tumor	Encephalopathy /Intracerebral disorder	Other finding
1	M	0mo	Hypergalactosemia	Patent Ductus Venosus		none	none	71	none	none	
2	M	0mo	Hypergalactosemia	Gastrorenal shunt		none	none	80	none	none	
3	F	0mo	Hypergalactosemia	Splenorenal shunt		none	none	77	none	none	
4	M	0mo	Hypergalactosemia	Splenorenal shunt	VSD	none	none	125	none	none	
5	M	3yo	Liver function disorder	Superior mesenteric vein -Inferior vena cava		none	none	134	none	none	
6	M	14yo	Hyperammonemia	Patent Ductus Venosus	PAVM CAF	none	none	259	FNH	none	Pervasive developmental disorder Parkinsonism Hallucination
7	F	11yo	Hyperammonemia	Gastrorenal shunt	Left isomerism AVSD TS Protein-losing enteropathy	none	none	94	FNH	none	

HPS: Hepatopulmonary syndrome, PH: Pulmonary hypertension, FNH: Focal nodular hyperplasia, PAVM: pulmonary arteriovenous malformations, CAF: coronary arterial fistula, TS: tricuspidstenosis, AVSD: Atrioventricular Septal Defect