



POSTER PRESENTATION

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# Congenital adrenal hyperplasia with cholestatic jaundice: a case report

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Congenital adrenal hyperplasia (CAH) describes a group of autosomal recessive disorders, each of which involves a deficiency of an enzyme involved in the synthesis of cortisol, aldosterone, or both. Classic CAH is rare, about 1 case per 16,000 population. However CAH with cholestatic jaundice is extremely rare.

A 23 days old boy presented with vomiting, persistent jaundice. He was born at term, and his birth weight was 3 kg. In family history, no liver or endocrine disease was reported.

On examination, his weight was 3 kg; his height was 51 cm; jaundice, hyperpigmentation, dehydration, no hepatomegaly. Strength of his penis was 3 cm; 2 testis were in the scrotum with volume of 1 ml.

Investigation showed : electrolyte imbalance  $\text{Na}^+$  110 mmol/l,  $\text{K}^+$  7.3 mmol/l,  $\text{Cl}^-$  80mmol/l, 17 OHP 111 ng/ml, Testosterone 36.36 nmol/l, cholestatic jaundice : total bilirubin 114.6 mcmol/l, direct bilirubin 75.5 mcmol/l, GOT 40 UI/l, GPT 25UI/l, GGT 142.76 UI/l. The markers for viral hepatitis were negative. Abdominal ultrasound was normal.

He was diagnosed of CAH and treated with hydrocortisone and fludrocortisone. After 1 month of treatment, jaundice disappears and electrolyte is normalized

*Written informed consent was obtained from the patient for publication of this Case report (and any accompanying images). A copy of the written consent is available for review by the Editor-in-Chief of this journal.*

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