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CASE REPORT

Accessory scrotum

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Case report

A 4-year-old boy presented with a mass below and to the right of the scrotum (Fig. 1). The mass was present at birth and was not associated with other congenital anomalies. His mother had an uneventful pregnancy with no history of drug taking.

On examination the mass was 5 × 4 cm in diameter and resembled a scrotum, with typical rugose skin. No testes could be felt in the accessory scrotum. The original scrotum was normal with a palpable testis on each side. The child had no other urological anomaly.

Under general anaesthesia complete excision was performed with primary wound closure. The patient recovered uneventfully.

Histological examination of the specimen revealed rugose skin together with hair follicles. The subcutaneous layer showed numerous smooth muscle fibres representing the dartos muscle (Fig. 2) and a diagnosis of accessory scrotum was made.

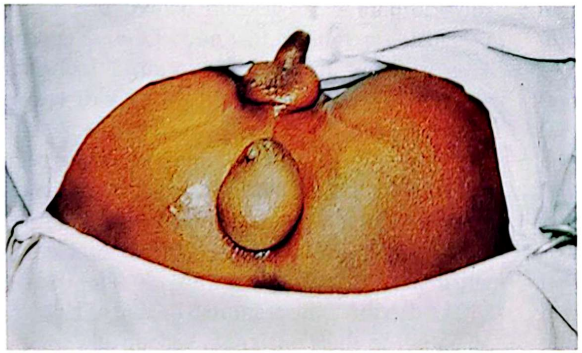

Fig 1. Mass in the perineum below the normal scrotum.

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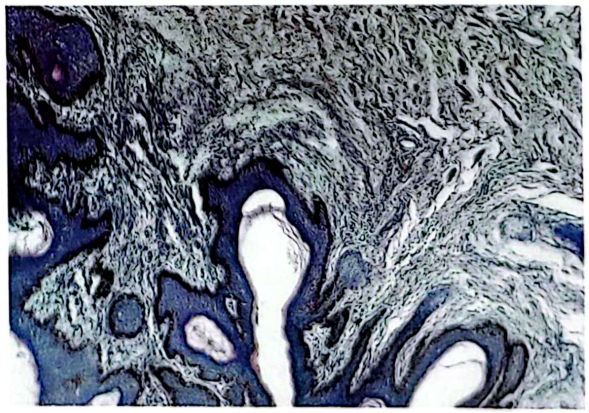

Fig. 2. Photomicrograph showing skin appendages and smooth muscle fibres in the subcutaneous layer. Haematoxylin and eosin. Original magnification × 160.

Comment

Accessory scrotum is the rarest type of congenital anomaly of the scrotum [1] with only 15 cases reported up to 1987 [2]. Since then a further eight cases have been reported. Accessory scrotum may present as a midline or a lateral perineal type. The present case was a lateral perineal variety.

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