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## A man with leonine facies

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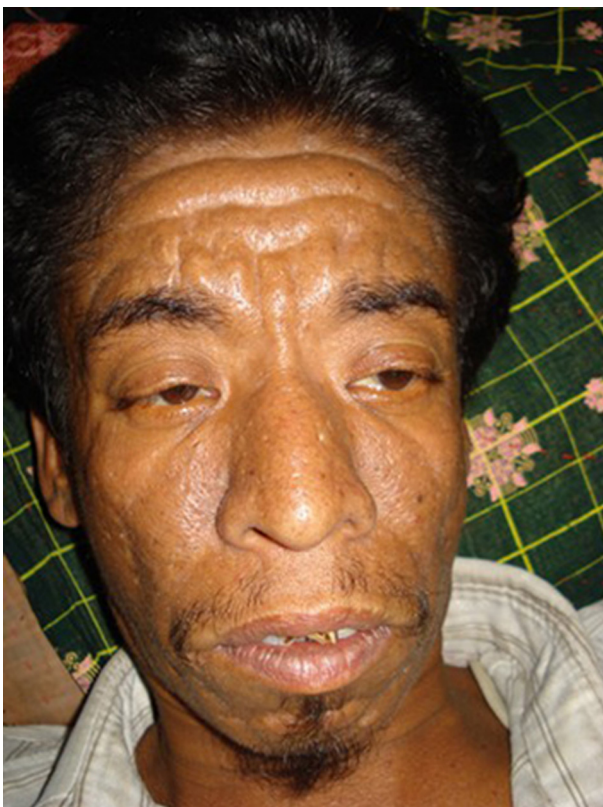
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### DESCRIPTION

A 42-year-old man presented with gradually progressive thickening of his scalp, face and extremities. He also complained of hyperhidrosis of palms and sole. On examination, he had coarse 'leonine like' facies, with thickened folded skin of face, eyelids and scalp with mechanical partial ptosis (figure 1). Scalp examination revealed typical gyrate appearance (cutis verticis gyrate). He had 'spade like' hands and feet. There was moderate clubbing of the fingers and toes, but the hands had 'claw like' appearance due to a persistent flexion of the interphalangeal joints (figures 2–4). X-ray of the wrists and ankles revealed a faint radiolucent line beneath the new periosteal bone along the shaft of long bones at their distal ends. X-ray chest and skull were normal. Slit skin smear for leprosy was negative and growth hormone assay was normal. He is the only child of healthy consanguineous parents. Other affected members

are not described in this family. All these features are typical of 'pachydermoperiostosis' (PDP). PDP, also known as Touraine–Solente–Gole' syndrome, is a genetic disorder and has an autosomal recessive or dominant (variable expression) inheritance pattern.<sup>1 2</sup> The condition usually begins insidiously at puberty and is characterised by pachydermia (thickened skin of face and extremities, thick and corrugated scalp), periostosis (excessive bone formation) and finger clubbing.<sup>2</sup> Because of thickness and heaviness of eyelids, mechanical ptosis can occur. This is often known as idiopathic or primary hypertrophic osteoarthropathy to



**Figure 1** A leonine like appearance of the face mimics lepromatous leprosy.



**Figure 2** Clubbing of the fingers.



**Figure 3** 'Claw like' appearance of the fingers.



**Figure 4** Spade like hand with clawing.

distinguish it from secondary or pulmonary hypertrophic osteoarthropathy.<sup>1,3</sup> PDP is usually confused with acromegaly and leprosy.<sup>3</sup>

**Competing interests** None.

**Patient consent** Obtained.

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Siddiqui MR, Siddiqui FM. A man with leonine facies. *BMJ Case Reports* 2012;10.1136/bcr.10.2011.5057, Published XXX

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