



DERMATOLOGICAL SURGERY

CASE REPORT: IDIOPATHIC SCROTAL CALCINOSIS

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Background: Idiopathic scrotal calcinosis is a rare benign condition which presents with asymptomatic multiple nodules on the scrotal skin. The exact incidence of this disease is not known, but this is the first case that we report from our hospital. Although it is a benign disease, patient's quality of life can be importantly impaired. It was many mechanisms have been proposed in the pathogenesis, underlying mechanisms are still controversial at the present time. Currently, the best therapeutic approach is the surgical removal the lesion without disrupting the scrotum's integrity.

Observation: We report a 45-year-old Indonesian male, presented with multiple nodules with varian size. The lesions had gradually increased in size during the last 2 decades without causing any symptoms or discomfort besides cosmetic reasons. The laboratory examination showed complete blood picture within normal limits, serum and urinary calcium and phosphorus normal, and blood sugar within normal limit. Histopathological examination reveals extensive intradermal deposition of calcium surrounded by histiocytes and without cystic structure. Surgical excision of the nodules from the scrotal skin was done without any complications. And there has been no recurrence for the past six months at follow-up. He was regularly to visit our clinic where he was also given health education regarding preventive recurrence.

Key message: Numerous theories about the pathogenesis have been proposed and the evidence presented suggests this is a continuum. Diagnosed of Idiopathic scrotal calcinosis is was established by histopathological examination and excellence surgical treatment was done. Not only for cosmetics goals, patient's quality of life is one of important thing to improved their self confident.

Key words: Idiopathic, Scrotal Calcinosis, Scrotum

