Whitish, linear striae on the knees

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Case history
A male university student, 20 years of age, presents to the clinic with whitish linear striae on both knees. He is otherwise healthy, asymptomatic and has no history of steroid use.

Question 1
What is the diagnosis?

Question 2
What is the pathophysiology of this condition?

Question 3
What is the management of this condition?

Answer 1
Keratoacanthoma.

Answer 2
A keratoacanthoma is a relatively common, low grade malignancy that originates in the pilosebaceous glands. The pathological appearance closely resembles squamous cell carcinoma.

Answer 3
Appropriate treatment is excision and histological examination.

The winner of the September Brain teaser is Dr Ananda Krishnan, Highton, Vic

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