



Letter to the editor

Cowden's syndrome: A case report

1 A 50-year-old man was admitted to hospital due to thyroid cancer. Multiple skin-coloured papules were localized on his face and hands. Multiple papules were also found on his tongue, similar to small “round stones” with fissured appearance (Fig. 1). Splenic and testicular

hamartomas were revealed through ultrasound (Fig. 2). Subsequent examinations also revealed multiple hamartomas in spleen and testis for both his son and 10-month-old grandson. Similar papules were also revealed on his son's face.

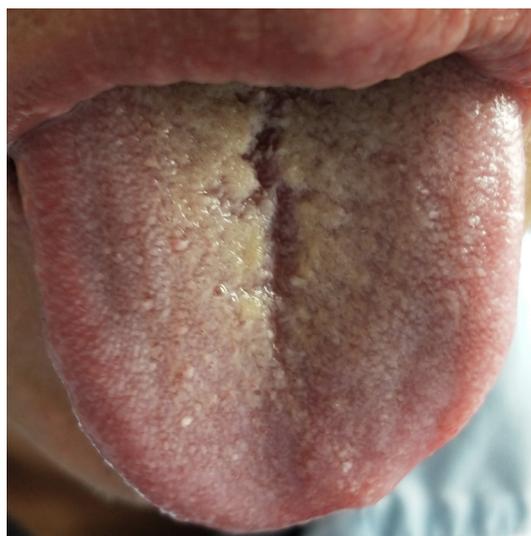


Fig. 1. Tongue with fissured appearance and multiple papules lesions.

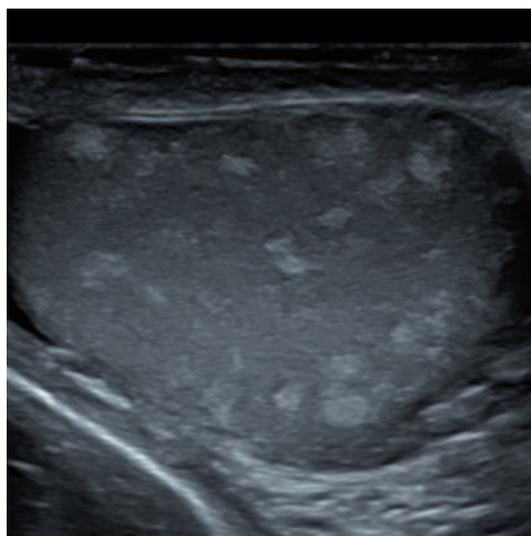


Fig. 2. Testicular ultrasound image showed multiple nodular hyperechoic areas throughout the testicular parenchyma.

<https://doi.org/10.1016/j.oraloncology.2019.06.027>

Received 23 June 2019; Accepted 24 June 2019

Available online 28 June 2019

1368-8375/ © 2019 Elsevier Ltd. All rights reserved.

Cowden's syndrome is a rare autosomal dominant condition characterized by multiple hamartomas in different tissues and organs, such as the mouth, gastrointestinal tract, testis [1]. The importance of this disease lies in the increased susceptibility to malignization of some lesions, specially breast, thyroid lesions [2].

Declaration of Competing Interest

None declared.

References

[1] Leão JC, Batista V, Guimarães PB, Belo J, Porter SR. Cowden's syndrome affecting the

mouth, gastrointestinal, and central nervous system: a case report and review of the literature. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2005;99(5):569–72.

[2] Blanco V, Keochgerián V. Cowden's syndrome. Case report, with reference to an affected family. *Med Oral Patol Oral Cir Bucal* 2006;11(1):E12–6.

Zhongfeng Liu^a, Qi Wang^b, Jun Li^{b,*}

^a *Department of Ultrasound, Yantai Affiliated Hospital of Binzhou Medical University, Yantai, Shandong 264100, China*

^b *Department of Radiology, Yantai Affiliated Hospital of Binzhou Medical University, Yantai, Shandong 264100, China*

E-mail address: bmceducn@sina.com (J. Li).

* Corresponding author at: Department of Radiology, Yantai Affiliated Hospital of Binzhou Medical University, No. 717, Jinbu Street, Yantai, Shandong 264100, China.