

# Oral manifestation of plantar–palmar fibromatosis

Oluyori Kutulola Adegun,<sup>1</sup> Abedalla Abdelghani,<sup>2</sup> Farida Fortune<sup>1</sup>

<sup>1</sup>Centre for Clinical and Diagnostic Oral Sciences, Institute of Dentistry, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, London, UK

<sup>2</sup>Oral Medicine, Dental Institute, Royal London Hospital, Barts Health NHS Trust, London, UK

**Correspondence to**  
Professor Farida Fortune,  
f.fortune@qmul.ac.uk

Accepted 25 July 2014

## DESCRIPTION

Palmar and plantar fibromatosis are benign, painless thickening in the aponeurosis of the hands and feet, respectively.<sup>1</sup> Both forms of superficial fibromatoses can manifest as single or multiple nodular swellings resulting from localised proliferation of abnormal fibrous tissue in sites of predilection.<sup>2</sup> Although, the rheumatological and characteristics imaging features of these rare diseases are well documented in literature,<sup>3</sup> there are no reports of an oral manifestation.

We report a 54-year-old woman who presented at the oral medicine clinic with widespread, discrete and multiple polyp like nodules of variable size scattered on the dorsal surface, lateral borders and tip of the tongue (figure 1A–C). Physical examination revealed Dupuytren's contractures on the palmar surfaces of both hands (figure 1D, G) and on the plantar surface of the right foot (figure 1E). In addition, a painless, firm and fixed nodule (knuckle pad) was observed on the plantar aspect of the left foot (figure 1H). This was despite previous surgical intervention which resulted in the loss of a toe digit (figure 1F) and a postoperative scar (figure 1I). Although asymptomatic, the patient expressed concern about the risk of malignant transformation arising from the oral manifestation reported in this article. She was reassured that the

risk was very low. Regular follow-up was initiated to monitor any further changes that may arise.

## Learning points

- ▶ Systemic diseases can manifest in the mouth.
- ▶ Dentists play an important role in the recognition and multidisciplinary medical management of rare systemic diseases.

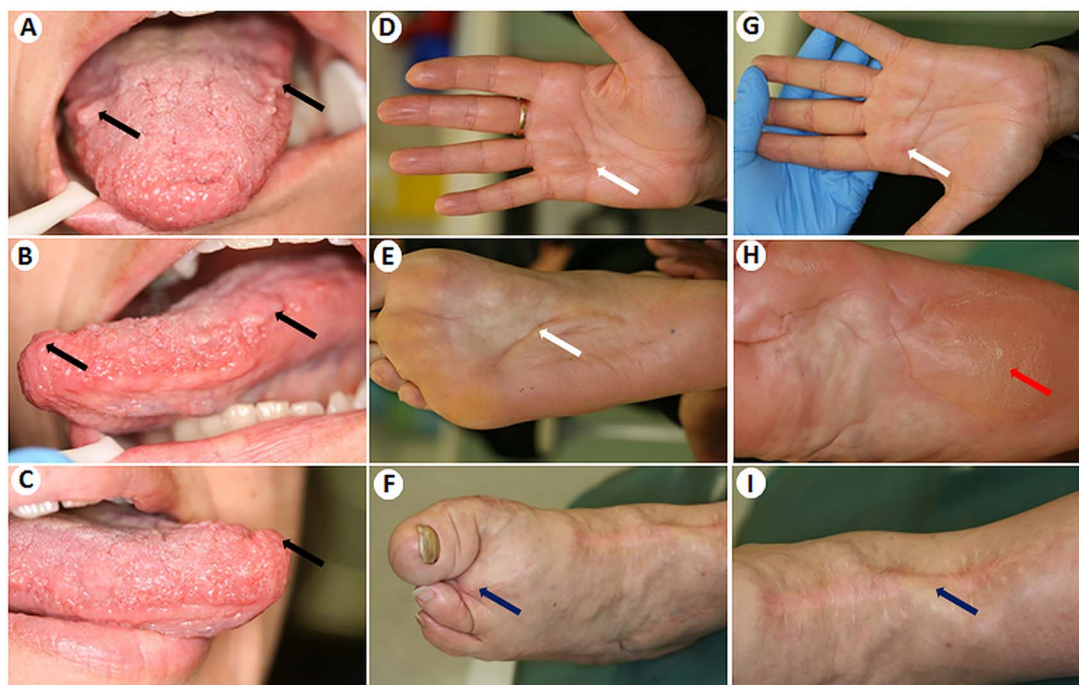
**Competing interests** None.

**Patient consent** Obtained.

**Provenance and peer review** Not commissioned; externally peer reviewed.

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**Figure 1** Discrete, multiple, asymptomatic tumour-like/nodular growths on the dorsal surface and lateral borders of the tongue (Black arrows in A–C), Dupuytren's contractures on the palmar surfaces of both hands and the plantar surface of the right foot (White arrows in D, E and G), painless, firm and fixed nodule on the plantar aspect of the left foot (Red arrow in H) and the resultant loss of a toe digit and post-operative scar following surgical intervention (Blue arrow in F and I).



**To cite:** Adegun OK, Abdelghani A, Fortune F. *BMJ Case Rep* Published online: [please include Day Month Year] doi:10.1136/bcr-2014-204962

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