Fig. 1 The needle was found positioned medial to the lingual nerve

Fig. 2 The 20 mm retrieved needle

migration into vital structures and also to minimise long term morbidity for the patient. Complications include trismus, pain, infection, and damage to the inferior alveolar and lingual nerves.¹

To prevent needle breakage practitioners should use 27-gauge 35 mm needles for IAN block, avoid inserting to full length or burying the needle in the tissues, ensure patient cooperation thus avoiding sudden movements, and avoid bending needles or changing direction while still located deep in the tissues or exerting lateral pressure on withdrawal.³

A. Bawor-Omatseye, A. Majumdar
By email

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TONGUE CANCER SUBGROUP

Sir, we are writing to share our concerns about the delayed diagnosis of oral cancer among non-smoking women in Jordan which we think may have wider implications.

Over the last year, we have seen four female patients with tongue cancer (Fig. 1). They were aged over 40 except one who was 38 years old. None of them had the classical risk factors for

oral cancer; they were non-smokers and non-alcohol drinkers. They were seen by a substantial number of physicians and dentists mainly for the same complaint of a non-healing ulcer on the right aspect of the tongue posteriorly. No-one suspected that this was oral cancer because the patients were female and non-smokers. In each case biopsy was delayed and eventually diagnosis was reached at a late stage when the cancer became advanced, worsening the prognosis.

Fig. 1 A 70-year-old female had been complaining of a sore tongue for eight months. No treatment was provided by her physician apart from mouthwash and antibiotics. Later on, her tongue became immobile, numb and she suffered difficulty with speech and swallowing

A recent Australian study pointed to a growing subgroup of oral cancer patients who are non-smokers and non-drinkers. According to Koo *et al.*,¹ this group of patients has a significantly worse disease-specific mortality, and they explain this by the presence of certain aetiological and genetic differences in tumours between this and the smoker group, resulting in either more locally aggressive disease or an increased likelihood of nodal and distant spread. Environmental exposure to secondhand smoke could be a major confounding factor. Kansy *et al.*² suggest that high-risk HPV infection is a predominant factor in the development of oral squamous cell carcinoma (OSCC) in patients who do not smoke or drink. On the other hand, Koo *et al.*¹ suggest that HPV may confer a worse prognosis in tumours of the tongue, and as tobacco use decreases, they predict that the proportion of this group among OSCC patients will increase.

Dentists and physicians alike should be aware that female non-smokers can get oral cancer, and that of those diagnosed, the prognosis can be poor. Diagnosis

should be established as early as possible by not neglecting any persistent lesion, particularly if it is an ulcer affecting the tongue. Patients would probably go to their physicians or dentists for reassurance regarding such lesions. Appropriate procedures like early referral and histopathological examination could save a patient's life or at least improve treatment outcomes and quality of life.

N. Dar-Odeh, O. Abu-Hammad, Amman

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DOI: 10.1038/sj.bdj.2013.796

DIFFERENT PERSPECTIVES

Sir, in response to Mr Roy Abrahams (*BDJ* 2013; 215: 4), it is interesting how easy it is for people to remember events from different perspectives. David DiBiase did indeed agree with me to undertake a pilot project comparing the correction of ten millimetre overjets (OJ) by straight wire or orthotropics. It was a shame that he never released the facial images of the end results which was the intended purpose of the study, and also that he did not agree to progress to the main study, despite a highly significant 25° difference in growth direction. Prospective orthodontic comparisons are rare enough and this unfortunately gave the impression of exclusion.

Personally I do not remember any other offers of research and there has certainly never been an independent assessment of orthotropics. However, it is never too late, and considering that Roy is correcting 12 mm OJs as bread and butter may I again offer to cooperate with him in a comparative orthodontic and orthotropic research project of ten millimetre overjets as it really matters to know the truth?

J. Mew

The London School of Facial Orthotropics

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DIODONTIC IMPLANT

Sir, a male 41-year-old army officer presented for a periodic dental inspection. On examination a metal ceramic crown was noted on the upper right central