Skill mix alive and well

Sir, your correspondent E. Gordon (The end of skill mix; BDJ 2020; 228: 655) derides the term ‘skill mix’ as ‘an egalitarian fantasy supported only by salaried academic elites’.

The existence of Gateway Dental Practice in Abergavenny, which became an Employee Owned Trust (similar to the John Lewis Partnership) in October 2016, contradicts this view. This innovative dental practice ownership model is doing its part in building a motivated and sustainable dental workforce.

In addition to promoting skill mix, the model also promotes social sustainability in its ethos of collaborative working, alongside the encouragement of entrepreneurial activity, training and development for the employees. It reflects the fact that dental practices are assets to the communities they serve, such as in providing employment opportunities to local residents, as well as providing vital healthcare services. I encourage practice owners considering disposal of their practices to read the recent paper by Allen and Karki.

I would agree, however, that there is a need for regulatory reform, both to bolster skill mix throughout dental practices and to improve access for those in need. The COVID-19 pandemic is stimulating contract reform significantly throughout the UK, with commissioners of dental services having to re-evaluate provision and monitoring.

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Loss of taste and smell

Sir, on 26 April 2020, the US Centers for Disease Control and Prevention included ‘New loss of taste (dysgeusia/ageusia) and smell (anosmia/hyposmia)’ in its list of symptoms of COVID-19 disease.1

In the absence of any comprehensive analysis of the subject, we reviewed the published literature on COVID-19 associated early dysgeusia and anosmia, finding a total of five studies from the European community, China, Italy, USA, and Iran.2,3,4,5,6 These yielded a total of 10,847 COVID-19 patients; 8,816 (81.27%) and 8,119 (74.85%) presented with/described dysgeusia and/or anosmia, respectively indicating these symptoms in almost three-quarters of COVID-19 patients. However, there are knowledge gaps. The simultaneous presence of both symptoms in the prodromal or presenting stages of COVID-19 is unclear as is the temporal association of these with other critical symptoms. Some described anosmia prior to hospitalisation followed by symptoms of dysgeusia afterwards, and others the reverse. Also, the question of how long before the definitive early symptoms of COVID-19 such as fever, sore throat, etc does dysgeusia and/or anosmia appear, particularly in otherwise asymptomatic ambulatory patients, is unresolved.

If these two symptoms were relatively reliable harbingers of COVID-19, then there are multiple clinical, community interventional strategy and disease spread implications. Both are simple for self-awareness and without medical consultation could enormously expedite self- or tele-diagnosis of COVID-19. This would be particularly pertinent in overcrowded and resource-meagre communities in the developing world, and in refugee camps. In the event, community education of these symptoms through media broadcasts, leaflets, and public notices could significantly reduce the disease spread and burden. Finally, if dysgeusia and anosmia were reliable and valid premonitory symptoms of the disease, then dental, medical and para-medical services may in future include a question on the acute loss of taste and smell in all pre-treatment patient history questionnaires so as to diagnose potential, or otherwise asymptomatic, COVID-19 patients.

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Virus-spreading procedures

Sir, the current pandemic highlights the need to consider alternative evidence-based treatments that involve no virus-spreading procedures to prevent transmission. For example, non-cavitated dental caries lesions involving up to outer third of dentine can be managed by preventive measures including fissure sealant and proximal sealing, with minimal risk of aerosol production.2 Cavitated shallow to deep carious lesions that do not involve pulp can be managed using selective caries removal and atraumatic restorative treatment (ART), without the use of rotary instruments.3,4 Heavily broken-down teeth can be temporarily restored by using stainless steel crowns with no preparation required.4 Minimally invasive endodontic treatments...