

Perfect tools for perfect smiles?

Julian English reports on the laser work being carried out at the Perfect Smile Studios

The team at The Perfect Smile Studios in both Hertford and Hornchurch have learned that certain tools are a basic requirement to do the sort of dentistry that customers are demanding. Extensive marketing campaigns (including radio advertising) continue to yield a stream of patients with high expectations, often influenced by television shows – such as *Extreme Makeover*. As consumers become more demanding, the skills required, and the right tools become increasingly important.

There is also no substitute for well trained and motivated staff! This article will take a brief overview of the uses of a diode laser in soft tissue crown lengthening and the gum re-contouring associated with smile design.

Background



Dr Rahul Doshi using the Velopex diode laser for soft tissue crown lengthening at The Perfect Smile Studios Academy Course held at Hertford

The diode laser has many advantages in this type of work. The handpiece is light and easy to hold. The laser fibre is also light and causes no drag or difficulty in movement. The wavelength of the unit (830nm) gives the clinician the ability to cut soft tissue with complete haemostasis – no bleeding at all. This means perfect vision – so the technique becomes very accurate. The aiming beam is only on when aiming with the Velopex diode laser so when cutting there is no obtrusive aiming beam and the clinician can then concentrate on the laser tip (whilst wearing protective glasses).

The Perfect Smile Studios have been using diode laser for some time, both in the UK and on various courses overseas. Good laser technique is not so difficult to learn, although there are some subtle settings and tips that become very useful. Dr Rahul Doshi explained: 'I can't work without a laser. It's essential – to be able to give my patients the kind of smiles that they come to The Perfect Smile Studios for.'

Case 1

A 40-year-old female presented with good oral health but a crooked smile and some rather old crowns. As a pretty lady, she felt that her smile let her down and wanted a new smile to bring more confidence into her life.



Case 1

This case demonstrates the superb healing properties of the diode laser which allows for soft tissue crown lengthening to be undertaken, immediately followed by impressions and temporaries. The end result here is most pleasing by the reaction of the patient!



Case 1: Before



Case 1: After

Case 2

A 42-year-old male presented with a reasonable smile and in good dental health (bruxist) but wanting a better smile to give him more confidence.



Case 2: Before



Case 2: After

Case 3

This is a 20-year-old male with an implant in the anterior region and a desire for a makeover smile. This case is interesting in that the important issue from the patients point of view was to be rid of the white speckles associated with an overdose of fluoride in his early years.



Case 3: Before



Case 3: Immediate post laser work showing the gum reduced to the desired contours and mass



Case 3: After tidying up with damp cotton wool roll



Case 3: Final result in temporary

Overview

The laser is an essential tool for this sort of dentistry and clinicians attempting work of this sort without one are always going to be sub optimal. This is exciting dentistry enhancing lives, exceeding expectations.

The backbone of the success of The Perfect Smile Studios is an 11-year working partnership between Dr Ashish Parmar, who runs the Hornchurch practice and Dr Rahul Doshi, who runs the Hertford practice, with his wife Bhavna.



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For more information on the Perfect Smile Studios Academy Courses, please call 01992 552115 or Hornchurch on 01708 442114. Visit www.theperfectsmile.co.uk

For more information on the Velopex Diode Laser, please call Medivance Instruments Ltd on 020 8965 2913 or visit www.velopex.com.