I J Pre Clin Dent Res 2014;1(3):1
July-September

International Journal of Preventive & Clinical Dental Research

Guest Editorial

Periodontology - The Future Beckons....

'Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning. Curiosity has its own reason for existing.' - Albert Einstein

The field of periodontology is constantly evolving and changing to best suit patient needs. The current focus is on 'prevention' rather than cure of the disease. Techniques have evolved that have the potential to achieve more predictable outcomes by focusing on simultaneously reversing the causes and the effects of periodontal disease.[1] With successful application of these principles, one can anticipate producing greater longevity and ease of maintenance of the results. Recent enhancements to regenerative procedures have included the use of biologic mediators and tissue engineering.[2] These surgical enhancements are said to stimulate more rapid healing and jump start the process of regeneration. Clinicians with decades of experience or the student of dental history can look back at the advances in periodontology and state clearly that the speciality of periodontology has experienced an exciting amount of technological growth. Technology is advancing leaps and bounds, and who knows what might come next? For example, Endoscopes are used in many areas of medicine.[3-5] It's wonderful to thread a small camera into the stomach, intestines, or blood vessels to evaluate the tissues. Wouldn't it be great to have a tiny camera on our probe or power scaler when we're working in a pocket? Let us give science the time, and may be in future, we will be able to provide even better treatment to our patients.

REFERENCES

1. Kao RT, Murakami S, Berine OR. The use of biologic mediators and tissue engineering in dentistry. Periodontol 2000 2009;50:127-53.
2. Kaigler D, Cirelli JA, Giannobile WV. Growth factor delivery for oral and periodontal tissue engineering. Expert Opin Drug Deliv 2006;3(5):647-62.
3. Rey JW, Kiesslich R, Hoffman A. New aspects of modern endoscopy. World J Gastrointest Endosc 2014;6(8):334-44.
4. Lachter J. Basic technique in endoscopic ultrasound-guided fine needle aspiration for solid lesions: What needle is the best? Endosc Ultrasound 2014;3(1):46-53.
5. Weedon S, Ahmed N, Sidebottom AJ. Prospective assessment of outcomes following disposable arthroscopy of the temporomandibular joint. Br J Oral Maxillofac Surg 2013;51(7):625-9.

Dr Bhavna Jha Kukreja

MDS, Department of Periodontics, ITS Centre for Dental Studies and Research, Ghaziabad, Uttar Pradesh, India