



# Innovations

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## IMPLANTS GO MAINSTREAM

With all the new techniques and systems out in the world of Dentistry right now, implant placement and restoration has never been easier or more predictable for an entire dental team. In fact, thanks to all the information provided and the proven success rate, implants have become a standard of care.

Many dentists themselves have found implant work to be so simple that there is no longer the need to send implant cases out to surgeons, but they are doing the work themselves in their own offices.

### CAD/CAM has a Significant Effect on the Implant Market:

CAD generated implant abutments – an alternative to stock or laboratory fabricated cast custom abutments – continue to grow because they're more economical, less labor intensive and more precise than traditional methods. While many laboratories outsource milled custom abutments to a manufacturer or another laboratory, some are gaining better control over esthetics, contours and emergence concerns by designing and milling in house.



### Milled implant bars for over-dentures and fixed removable implant prosthetics are touted for their accuracy.

Guided surgery techniques and cone beam CT scanning are greatly enhancing treatment planning. Dentists are able to integrate CT scans and other data into diagnostic software to render a 3-D image that allows the dental team to precisely analyze bone density and availability; more accurately see nerve bundles, mental foramina and other critical points of interest; and virtually plan the surgery. The information from the image is then used to produce a surgical template so the doctor knows exactly where the implant is to be placed, resulting in less traumatic surgery.

### Immediate-Loading Implants

These implants are designed to be placed surgically and restored at the same appointment with either a final or temporary prosthesis. Patients are becoming more educated about immediate loading options, thanks to direct to consumer advertising by implant manufacturers.

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## MESSAGE FROM THE LAB

Well, spring has finally sprung!!!

I've been out in the garden raking up all the evidence of the long winter. I even spotted about an inch of tulip popping up!

While I know there is always a chance of a last frost this early in spring, I also know the warm weather is not far away.

With the thought of spring cleaning and things that need to be done to 'freshen up and rejuvenate' around the house, I also think now is the time to 'freshen up and rejuvenate' appearances. What is more uplifting than the confidence you gain from a strong secure smile!

That is what this month's featured article is about....How the benefits of CAD/CAM technology and all the latest and greatest technology available in dentistry can improve the look and feeling of your patients.

I hope you enjoy reading it!

Cheers!



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## NEWS & EVENTS

### DR MICHAEL FLING SEMINARS

Dr. Fling practices what he preaches. While he teaches and lectures a great deal, he maintains a cosmetic and restorative practice, seeing patients 4 days a week. Join us at any of the upcoming seminar sessions being held in Toronto.

The dates for the sessions are:

17 & 18 April 2009

12 & 13 June 2009

11 & 12 September 2009

This series promises to be a fantastic learning opportunity at a fraction of the cost of going down to The Pankey Institute or The Dawson Centre.

If you would like more information call Larry at **905-763-0055**



### Advancement in Bone and Tissue Preservation

These include titanium coatings or plasma sprays, acid etching or microthread designs to enhance osseointegration. Also in this category is platform switching- using a prosthetic component that has a smaller diameter than the implant collar, rather than a component and implant with the same diameter which has been shown to enhance tissue and reduce crestal bone loss by creating a shoulder between the implant and the abutment.

### Internal Connection Designs

While external hex designs were once the most common, in internal configurations- internal hex, tapers and lobes- have gained popularity because they typically offer stronger abutment connections and fewer problems with screw loosening. They're also easier for surgeons to place and restorative dentists to impress.

### Mini-Implants

The market for small diameter implants grew more than 30% in 2007, according to a millennium Research Group study. Compared to conventional implants, which generally have an average diameter of 4mm, mini implants are an average of 2 to 2.5 mm in diameter. Some mini implants have received FDA approval to be used as permanent implants for final prosthetics and allow for a less invasive, more cost effective surgery

*Article compliments of IMT USA*

### EXCLUSIVE EVENT FOR DENTURISTS

Delta Markham  
Thursday, April 23, 2009  
6:30- 9:30 pm

This eye opening event will be focussed on denture related technology. Come and see the latest in Nobel Procera Technology and how it can radically lower your costs while delivering exceptional product quality. Learn from Larry Rips, RDT with A & L Dental Laboratories, one of Canada's only labs offering this amazing technology.

**Space is limited so reserve your spot today**

Call Debbie at 905 885 4850 or Larry at 905 763 0055, or register online at [www.aldentallab.com](http://www.aldentallab.com)



## SPECIAL OFFERS

For the months of April, receive **\$50 off** any Procera Coping or Bridge

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