Since 2003 we have been offering computer-assisted tomography using the *iCat®
System* by Imaging Sciences International. We strive to provide personalized attention to
each patient and to obtain accurate data for better diagnosis and treatment planning.

We fabricate radiographic templates for use with Simplant® and Nobel Guide™,etc. and
we provide 3-D surgical planning for implant treatment. All our referred data is reviewed
by a Board Certified Maxillofacial Radiologist as part of the data report.

Recently there have been concerns raised about radiation exposure from CT Scans. I
have enclosed some information regarding the relatively lower dose exposure with cone beam
technology like the *iCat®*. Our goal is always to use as low an exposure as possible to
obtain adequate diagnostic information.

The Facts:

* Medical CT Scans: Radiation dose ranges from 1200-5000 microseiverts.
* Cone Beam *iCat®* Scans: Radiation dose ranges from 68-136 microseiverts.
  (Please refer to enclosed articles regarding radiation comparisons.)

iCat® Benefits for the Patient:

* The *iCat®* offers a much higher level of surgical predictability, resulting in more
    successful surgical outcomes for patients
* 15-30 times less radiation as compared to a medical spiral CT
* Short 10-40 second scan times produce extremely anatomically accurate 3-D images
    of the mouth, face and jaw
* The open environment scan increases the patient's comfort level
* Reduces surgery time and stress
* Avoid hospital visits and multiple appointments

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iCat® Benefits for You:

* 3-D evaluation of hard tissue pathology
* Achieve nondistorted and unmagnified measurements of the nerve canal height
* Provides the ability to find buccal/lingual width
* Provides complete 3-D information to optimize treatment planning and placement for implant surgery
* Offers ability to locate critical anatomy and determine if bone grafting or sinus lift is warranted
* Provides the ability to find buccal/lingual width
* Select the most suitable implant size and type
* Information can be utilized in implant-planning software
* Provides more accurate 3-D views of impacted molars, impacted cuspids, and other supernumerary anomalies
* 3-D views of TMJ anatomy
* Assess airways to determine appropriate treatments

If we can be of service to better diagnose, treat, and relieve clinical stress, (or if you have any questions or would like a facility tour) please let us know. I am available for a lunch and learn presentation to better staff communication as well.

If you have previously worked with us, _I would be grateful if you would take a moment to complete and return the enclosed questionnaire_, which will provide us with your important feedback for us to serve you better.

Sincerely,

Daniel J. Armstrong, DMD

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