

## **RADIATION MONITORING OF DENTAL X-RAY MACHINES**

The Healing Arts Radiation Protection (HARP) Act states that all dental X-ray machines must be tested annually for collimation, HVL and exposure. **Varanidex Inc.** specializes in providing these services.

**QUALIFICATIONS OF VARANIDEX:** Varanidex has been providing QC measurements to dentists in Ontario since 1986, and in that time has provided over 30,000 dental x-ray QC tests for both digital and traditional film-based radiography..

**NATURE OF THE TEST:** Varanidex employs a mail-in service for the annual HARP testing which has been used and approved by the Royal College of Dental Surgeons of Ontario. Your office is provided with QC test packets, and simple instructions for their use. When these have been exposed and returned to Varanidex they are processed and interpreted, and a report of the results is sent back to you. This report will provide proof of your compliance with the provincial regulations and should be retained for at least six years. Our trained staff are also available to come to your office and perform the necessary testing for a small added fee.

**COST:**

- \$50.00 for a single x-ray machine,
- \$45.00/machine if there are 2 or 3 machines in a given location and
- \$40.00/machine if there are 4 or more machines in a given location.  
(6th and subsequent machines at \$35.00 each)

**SERVICE:** If you have any questions, or problems during the implementation of the QC test, our staff is available via telephone 800 service six days a week. If your machine does not meet the HARP guidelines, we will make suggestions that may enable the machine to pass (such as a change in exposure time), and send back another **complimentary** test kit. Machines that pass the HARP guidelines are issued a sticker stating such and can be placed on the x-ray machine if desired.

**For your convenience, we remind you each year when testing is due.**

**STEP WEDGES** are also available from Varanidex for daily photographic quality assurance.

*For more information, or to engage our services, please call:*

**Arthur L. Holloway  
President, Varanidex Inc.  
1-800-663-2760**