

## Instructions for QC of Standard Dental X-ray Machines

*This mail-in service determines the exposure to a patient's entrance surface, as well as the field size and the quality (HVL) of radiation used, as required on an annual basis by all dental intra-oral x-ray machines in Ontario under the HARP Act. Testing is to be carried out **without a patient present**.*

**Before you expose the pack** please take a second to review the info on it, especially the exposure time to make sure it is correct for an adult posterior bitewing projection. If we have incorrect data on the pack – just cross it out and put in the revised info.

**Make sure to use the exposure time that is correct for your office, not what we have on the pack if they are different!!**

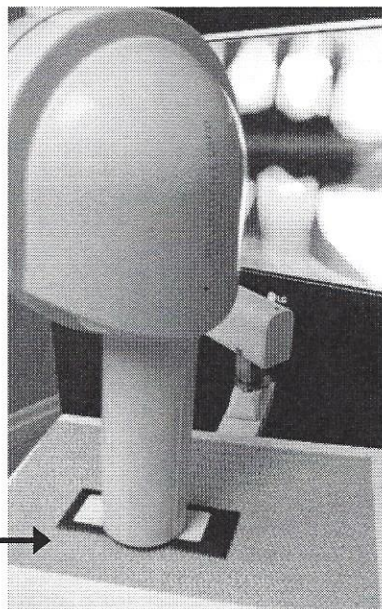
1. Place a Varanidex Quality Control (QC) packet on a level surface **with the ☒ up**. Position the x-ray tube head so that the applicator is **at right angles to, in contact with, and centered on the ☒**, as shown in the figure below.
2. With the QC packet in position, expose it to the **normal posterior bitewing exposure for an adult** that is used for that x-ray machine. Please do not open this QC packet.

Varanidex will send a report on your x-ray machines performance, including its acceptability to the HARP legislation for the kVp stated.

If there is more than one tube head, please ensure that each is uniquely identified (such as by type, colour, Room #), so that the reports issued by Varanidex Inc. can be matched to the correct machine.

Knowing the machine type (e.g. Belmont Belray) is useful if troubleshooting is necessary.

**PID in contact with  
and perpendicular  
to QC pack.**



Please do not hesitate to call us if you have any questions whatsoever regarding the procedure, the questionnaire, or the HARP Act in general.

***Thank you for your cooperation.***