

California Department of Public Health
Radiological Health Branch
Attn: Mark Pietz
P.O. Box 997414, MS 7610
Sacramento, California 95899-7414



California Department of Public Health
Division of Food, Drug, and Radiation Safety
Radiological Health Branch

Mark B. Horton, MD Arnold Schwarzenegger
Director Governor

Must be returned by September 20, 2009

Joel E Gray, PhD
222 Lakeview Court
Steger IL 60475

Registration No. 12345

Dear Dr Gray:

The California Health and Safety Code, Section 115085 requires evaluation of all dental x-ray equipment in the State on a periodic basis. These surveys are a service to you since they provide the opportunity for you to compare your intraoral image quality, film processing, and patient x-ray doses with colleagues throughout the state, in addition to meeting our regulatory requirements.

We have contracted with an independent firm, DIQUAD, LLC, to carry out an evaluation of your intraoral image quality and dose by mail. **The cost of this evaluation is covered by your registration fees. This evaluation is mandatory and must be completed by September 10, 2009. In most cases, this evaluation takes the place of on-site inspections by California Department of Health Staff.**

The enclosed materials are for the evaluation of your dental image quality and patient radiation dose. This packet includes a brief survey form, one dental image quality and dose AnalyzerTM, a User's Guide, a control dosimeter (which you do not use but must be returned with the other materials) and a stamped-addressed envelope to return the materials. Please return the enclosed materials directly to DIQUAD using the stamped-addressed envelope.

Please expose the AnalyzerTM on **the intraoral x-ray unit that you use most frequently**. The dental films in the AnalyzerTM should then be removed and processed at your facility using your usual film processing methods. If you are using digital imaging, do not process the films. Your digital image should be transferred to a CD-ROM and sent to DIQUAD along with the serial number of the AnalyzerTM exposed with that x-ray unit. (You can also e-mail the digital image to CustomerService@DIQUAD.com.)

Once your images and the radiation dosimeter information have been analyzed we will receive a report from DIQUAD. **About two to three months after you return the AnalyzerTM** and other materials we will advise you of how your image quality and patient doses compare to the dental community as a whole, and offer suggestions for improvements, if any are necessary.

We look forward to your cooperation and assistance in this valuable service to you, and in meeting the regulatory requirements of the State of California.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark B. Pietz".

Mark B. Pietz, Senior Health Physicist
Radiological Health Branch

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