

# PROPER ALIGNMENT OF THE DENTAL X-RAY MACHINE BY LUNALITE DENTAL X-RAY POSITIONER

The positioning of the dental X-ray machine and the correct placement of the X-ray sensor is an essential part to obtain quality images for the diagnosis of the teeth and the surrounding anatomical support structures of patients.

The correct alignment of the X-ray machine is important for several reasons:

- patient safety during radiography
- reducing the risk of relapses and a lower exposure to radiation
- creating an overall safer environment for staff safety
- better planning of dental treatment
- monitoring the progress of various dental treatments, such as orthodontic treatments, caries, bone loss, implant placement and root canals
- providing quality images necessary for diagnosis.

To ensure proper alignment of the dental x-ray machine, Suzanne Cano invented an advanced MedTech safer positioning device for dental and veterinary imaging called the LunaLite. It is stated that wirelessly positioning with this device ensures an optimized X-ray workflow, adds confidence, accuracy and efficiency in seconds to the user. The device provides accuracy, with minimal to zero taper and taper cuts, and without the user having to use a Rinn holder.



The LunaLite Dental X-ray Positioner  
 LunaLite Dental  
<https://www.lunalitedental.com>

Description of the dental positioning device:

- The device is a compact laser that provides visual and audible confirmation of the collimator angle for correct radiographs for every tooth, every time.
- The device attaches to 3"-4" diameter collimators or

portable X-ray units.

- The device provides speed through PA, bitewings and even a full mouth series without ever using positioning rings again.
- Pressing a single button allows the on-board LED to read through nine specific positions of the tooth to be captured (mandibular and maxillary incisors, canines, premolars, molars and bitewing), displaying the angular target above the actual collimator angle.
- When the X-ray cone is at the right angle, a beeping laser alerts the user to capture the image.
- Optional auto-sequencing mode prompts the operator via FMX at 30-second intervals.
- The device works wirelessly, is rechargeable and battery-powered. Includes adjustable strap, velcro straps for portable units and USB charging cable.



The LunaLite Dental X-ray Positioner attached to X-ray unit  
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Using the LunaLite Dental X-ray Positioner device gives a number of advantages:

- Better quality of the dental X-ray
- Provide better care for each patient
- Better workflow
- Better patient comfort
- Cost savings through efficiency.

Given these qualities of the LunaLite X-ray Positioner, I recommend using the device to improve the efficiency of the dental office both to increase the success rate of dental X-rays and for patient satisfaction and comfort.

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