

# Radiation Safety While Operating Dental IOPA X-ray Unit

Are you using Lead Cone in your dental – IOPA X-ray unit?

## Why Lead Cone is to be used in dental-IOPA X-ray unit & how to identify it?

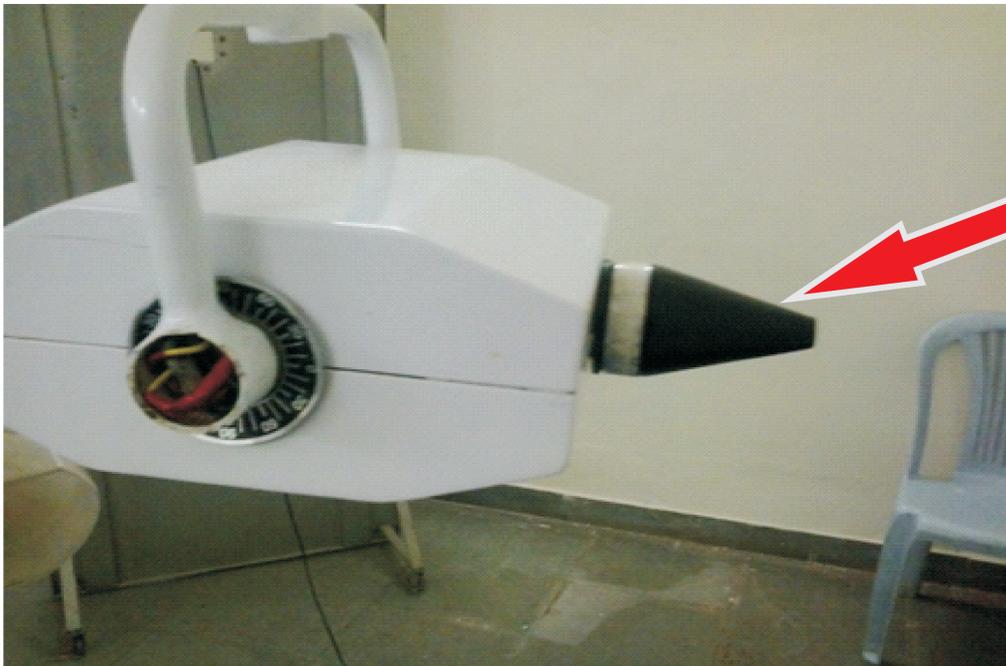
Lead cone is heavier than the Plastic Cone & it provides adequate radiation shielding to the Dentist, Operator & Patient.



Lead Cone

## Why Plastic Cone should not be used in dental-IOPA X-ray unit & how to identify it?

Plastic cone is light weighted as compared to lead cone & it does not provide adequate radiation shielding. Use of plastic cone in dental-IOPA unit may lead to unnecessary radiation exposure to Dentist, Operator & Patient.



Plastic Cone



Minimum Lead Cone	Length
60 to 75 kV:	20 cm
More than 75 kV:	30 cm

Check for AERB Type Approval certificate with the Supplier for the Dental X-ray Unit and ask to provide dental Lead Cone to your IOPA X-ray Unit

Issued by:



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**This poster must be displayed at prominent location for due adherence by all radiations workers.**