

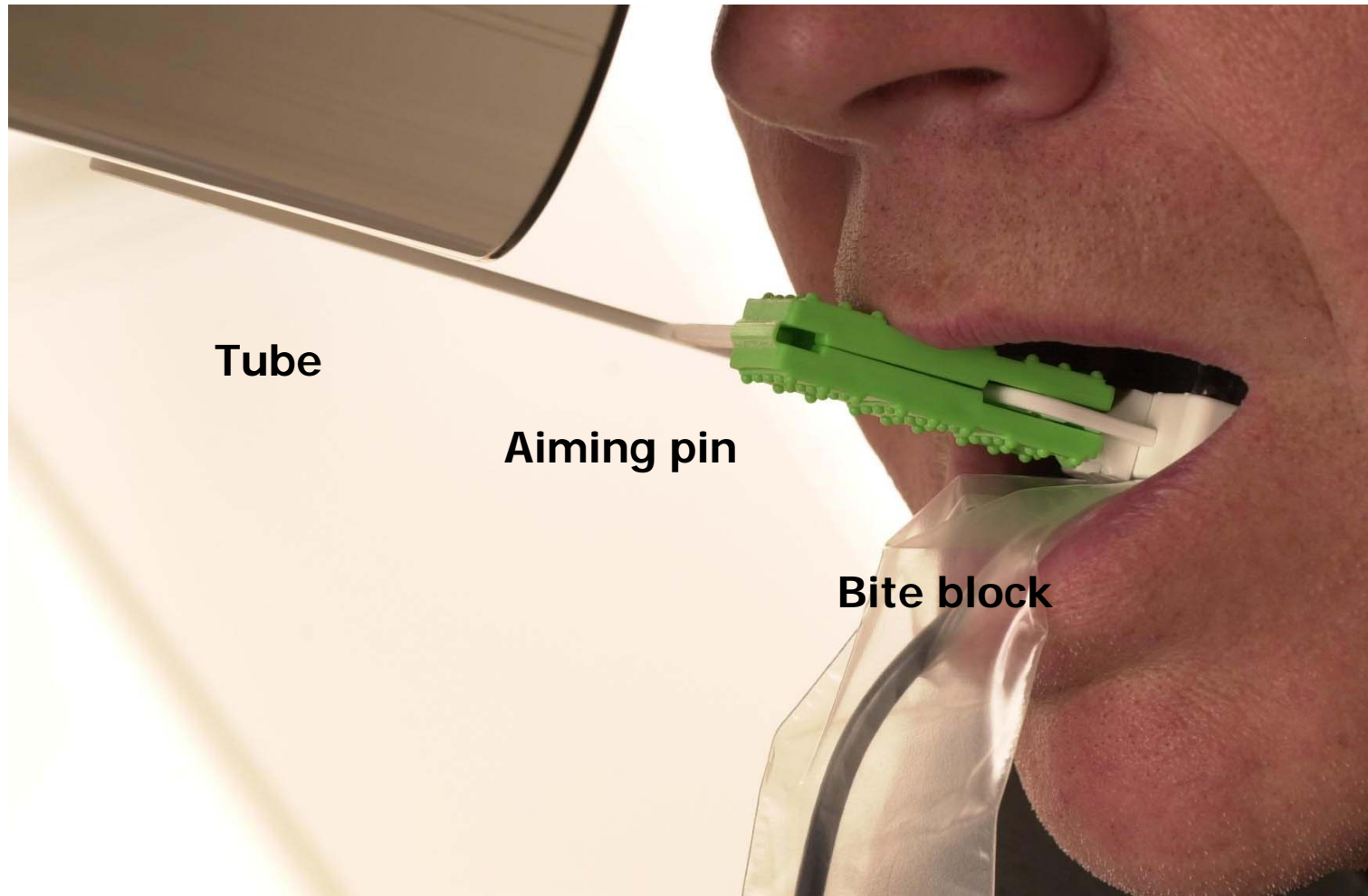
Trollbyte

Digital x-ray examination
in a safe and rational way

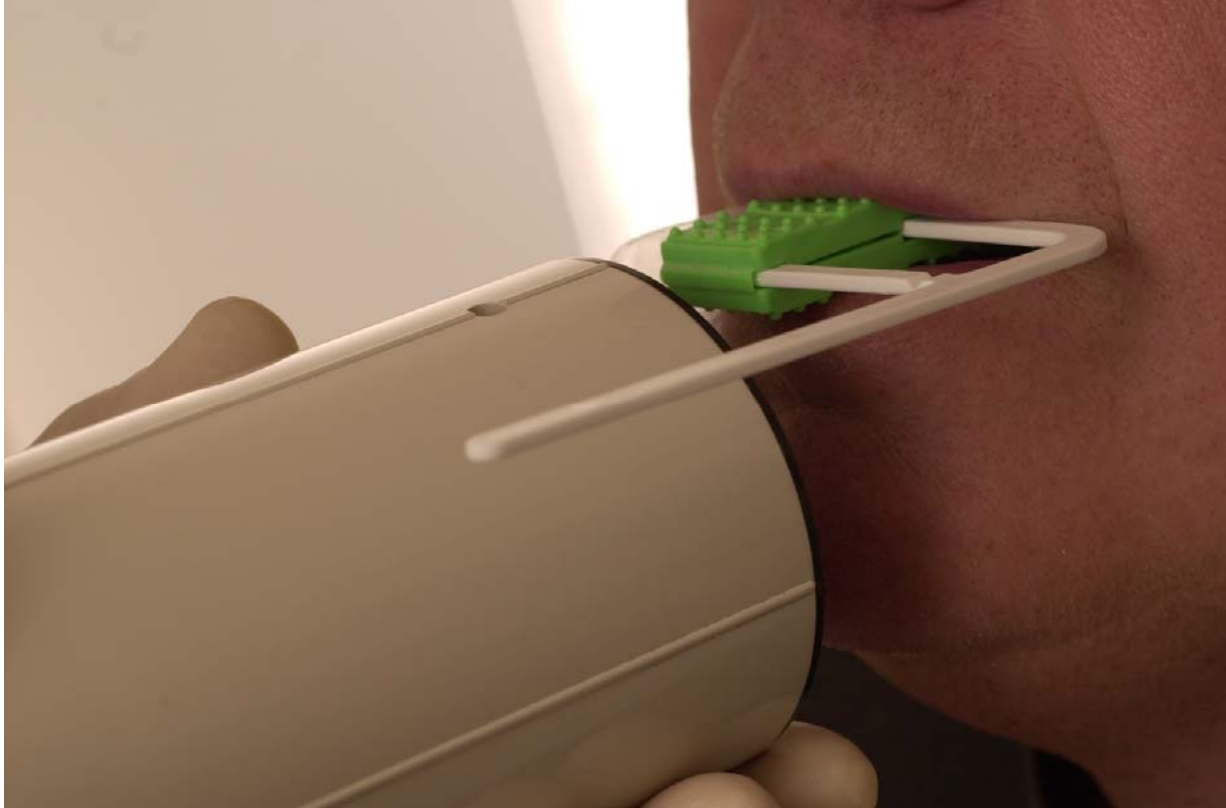
Safe and Rational

- You know exactly where the sensor is positioned, the level pin minimises the need for retaking images.
- Eliminates unnecessary exposure to x-rays
- Very easy to achieve a complete intraoral x-ray examination – only two kinds of sensor holders are needed.
- No complicated remounting of level pins and -rings
- Timesaving
- Easy to learn and to use

Apical canine image



Lower apical front image



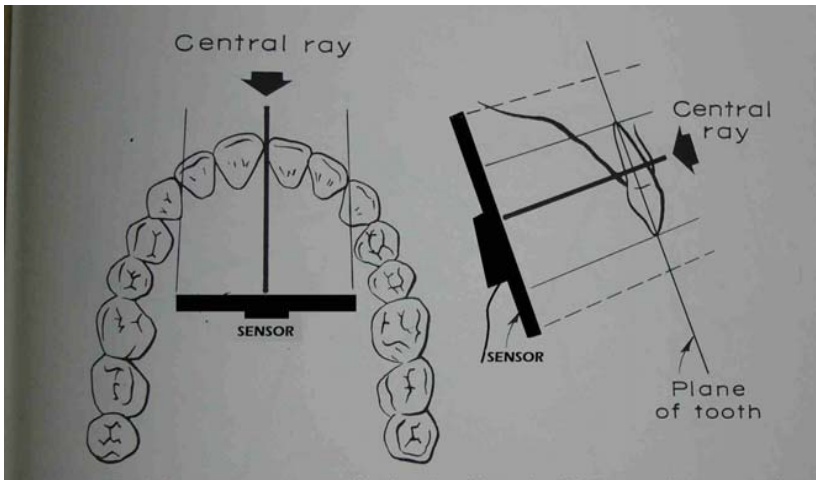
Place the sensor in a position away from the crowns of the teeth where the dental arch is wider. This way it is easier to position the sensor correctly.

Lower molar and premolar image



Hold the tongue aside by pushing the Trollbyte gently towards the midline when the patient closes the teeth on the holder. In this way the discomfort of pressure from the sensor on the sensitive oral mucosa can be avoided.

Apical upper incisors

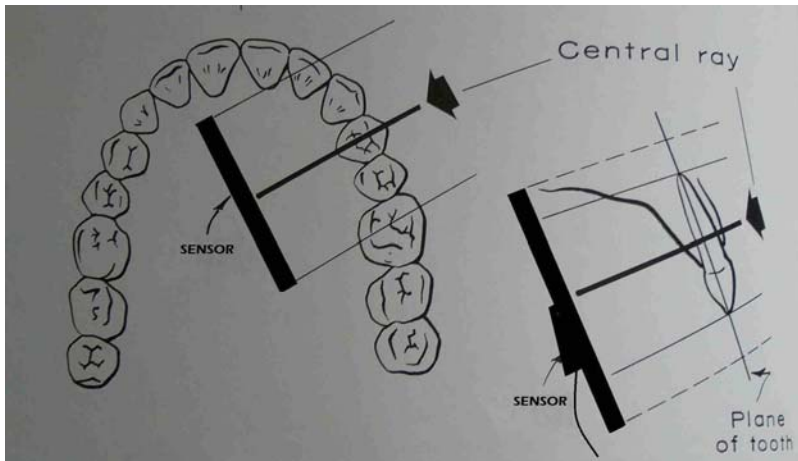


- Place Trollbyte as shown to ensure the central ray is aimed at the middle of the sensor.
- Make sure that the surface of the sensor is parallel with the long axis of the tooth by letting the patient bite on the outer half of the green Troll bite block (TBB).
- The small elevations on the bite block make sure that the Trollbyte is fixed in the right position. Aim the tube parallel with the level pin.
- The aiming pin is positioned as shown in the picture above left.

Upper canine, lower apical front and canine region



- Continue in the same way, aiming the central ray at the middle of the sensor in the right and left canine region.
- Then move the sensor to the lower jaw with Trollbyte mounted in the same way. Take the images in the right canine, front and left canine regions. It is in most cases possible to take all the images in the upper and lower front and canine regions without changing the sensor's position in the Trollbyte sensor holder.
- If the patient has a small mouth it is easier to place the sensor correctly if the sensor is turned 180 degrees in the holder when moved from the right to the left side.



Lower canine and front region



Apical images in the upper molar and premolar region



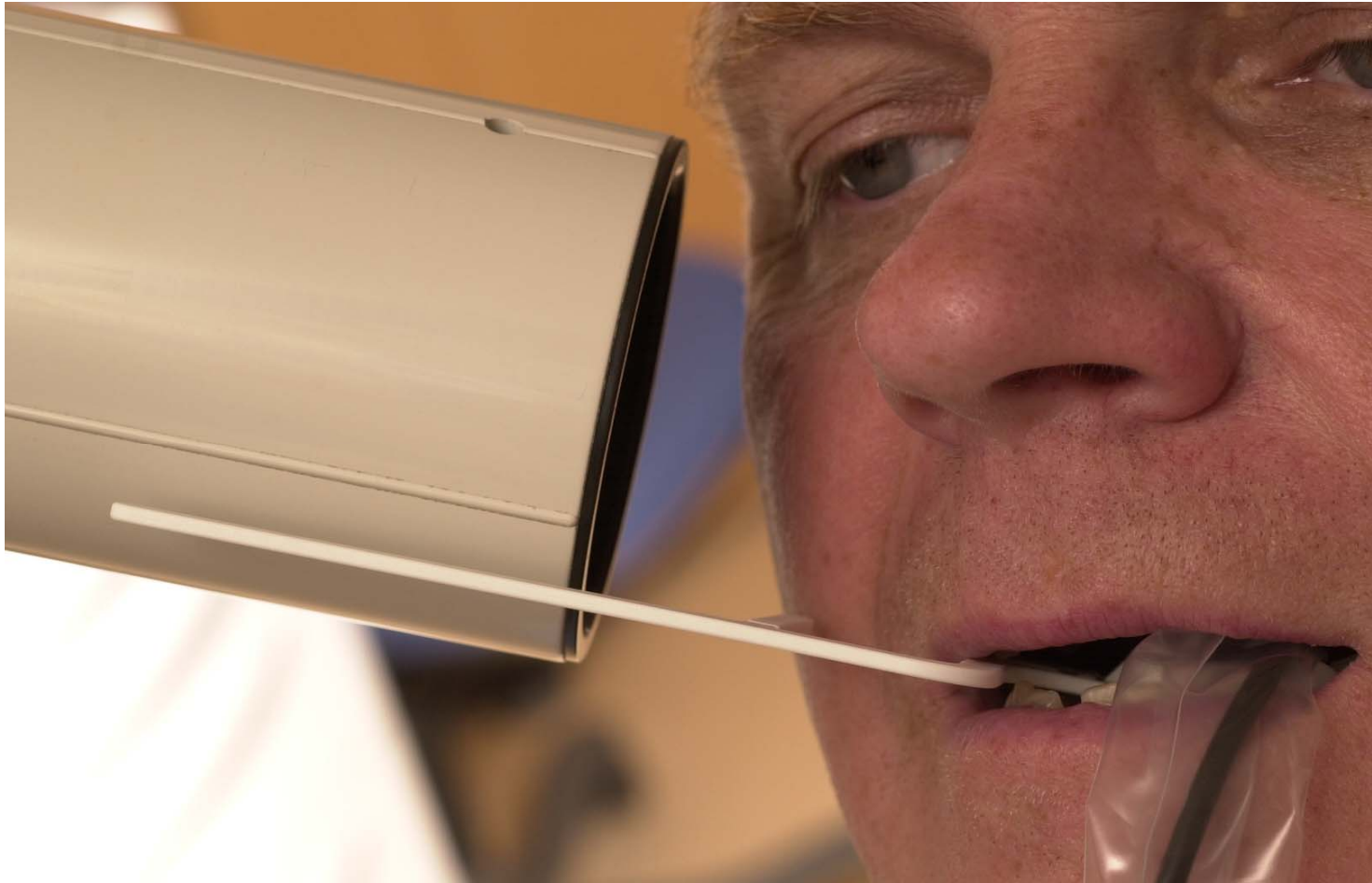
Apical images in the lower molar and premolar region



- In cases with long roots it can be necessary to modify the aiming direction in order to see enough of the apical regions.



Upper molar and premolar image



Note that the tube and the aiming pin are parallel

Bitewing



Bitewing is taken by aiming the tube centrally against the occlusal plane, approximately 10 degrees from above