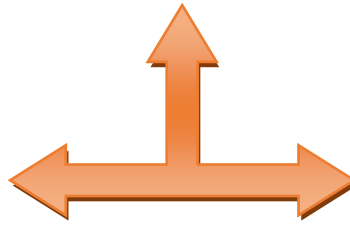


INTRA ORAL PERIAPICAL RADIOGRAPHS

Complete tooth structure along with surrounding area can be visualized

**BISECTING ANGLE
TECHNIQUE (Short cone)**



**PARALLELING ANGLE
TECHNIQUE (Long cone)**

PATIENT POSITIONING:

MAXILLARY ARCH – the patient's head should be positioned upright with the sagittal plane vertical and the occlusal plane horizontal

MANDIBULAR ARCH- the head is tilted back slightly to compensate for the changed occlusal plane when the mouth is opened.

RECEPTOR HOLDER: Snap-a-ray holder

FILM PLACEMENT: Behind the tooth of interest as close as possible

POINT OF ENTRY OF X RAY: perpendicular to the bisector of angle formed between receptor and tooth

RECEPTOR HOLDER: Rinn XCP holder

FILM PLACEMENT: Behind the tooth of interest parallelly

POINT OF ENTRY OF X RAY: In alignment with the aiming ring

MAXILLA

TOOTH	VERTICAL ANGULATION	HORIZONTAL ANGULATION
INCISORS	+40	0
CANINE	+45	60-75
PREMOLARS	+30	70-80
MOLARS	+20	80-90

MANDIBLE

TOOTH	VERTICAL ANGULATION	HORIZONTAL ANGULATION
INCISORS	-15	0
CANINE	-20	45
PREMOLARS	-10	70-80
MOLARS	-5	80-90