202. Utilisation of UPPER CHONDRAL POINT of ear as positioning guide in non angling technique in Maxillo-facial Radiography.

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Introduction

This positioning technique which uses anatomical guideline eliminates the practical difficulties arising due to variations of size and shape of skull from individual to individual. Skull is positioned in such a way that the shadow of the petrous part of temporal bone falls out of the region of interest. Always horizontal beam is used with vertical Bucky stand.

Upper Chondral Point(U.C.P.)-

This is the upper anterior point of insertion of ear cartilage. Gives approximate surface marking for petrous ridge. See Fig 1.

Fig. 1

Technique

i. Chondro oral view- This is an alternative positioning for occipito mental view. The patient is positioned as shown in Fig.2 with the line joining U.C.P and angle of mouth horizontal.

Fig.2

ii. Chondro infra orbital view-

The skull is positioned with the line joining U.C.P and infra orbital margin horizontal. See Fig 3.

Fig 3

iii. Chondro mid antral view-

In this view the skull is positioned so that the mid antrum and U.C.P to lie on the same horizontal line. See Fig 4.

Fig 4.