

BREAKTHROUGH IN RADIOLOGY DIAGNOSIS

CASE OF : ACOUSTIC SCHWANNOMA

PATIENT DETAILS

Name: DXXXX BXXXX

Age: 40 Yrs F

Investigation: CT BRAIN (P+C)

CLINICIAN DETAILS

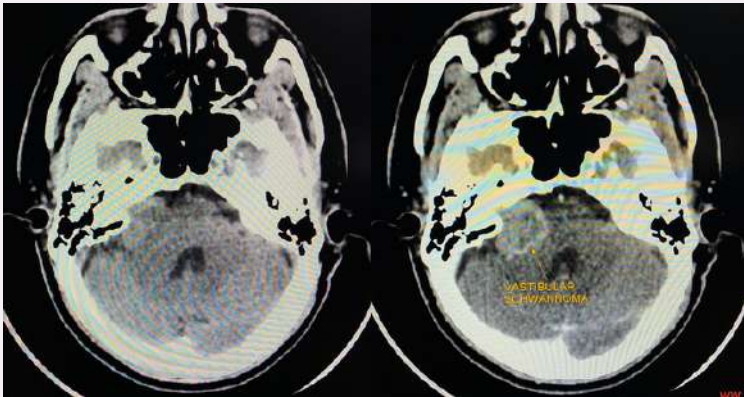
Name: Dr XXXXX XXXXX

RADIOLOGIST DETAILS

Name: DR KIRPAL CHAUHAN

MD , RADIOLOGIST

TECHNICIAN : RUSHIL PATEL



RADIOLOGICAL FINDINGS

1.THERE IS EVIDENCE OF WELL-DEFINED EXTRA-AXIAL HETEROGENEOUSLY ENHANCING MASS LESION AT RIGHT CEREBELLOPONTINE ANGLE. THE LESION SHOWS NONENHANCING NECROTIC AREAS WITHIN. NO EVIDENCE OF INTERNAL CALCIFICATIONS.

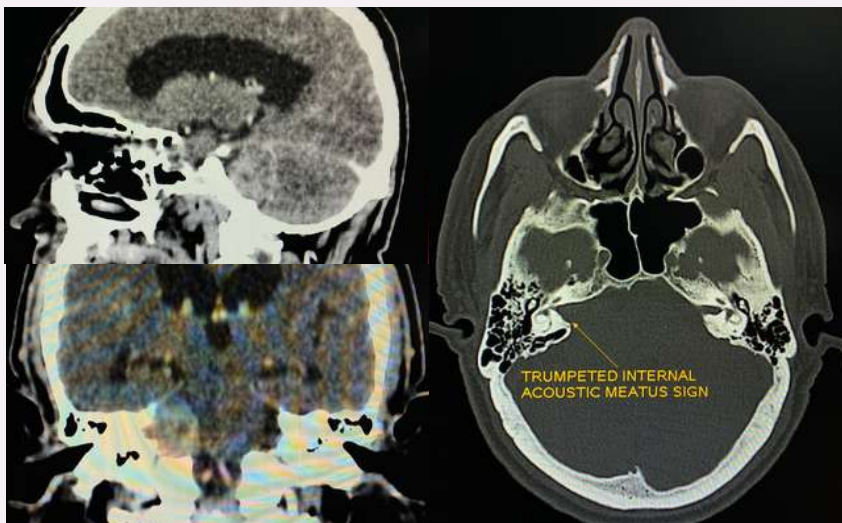
2.THE LESION IS SEEN EXTENDING INTO RIGHT INTERNAL AUDITORY CANAL CAUSING ITS WIDENING AND SHOWING ICE CREAM CONE APPEARANCE.

3.THE LESION IS CAUSING COMPRESSION OVER PONS AND RIGHT MIDDLE CEREBELLAR PEDUNCLE. RESULTANT MILD COMPRESSION OF FOURTH VENTRICLE AND AQUEDUCT OF SYLVIVUS IS NOTED WITH PROXIMAL MILD HYDROCEPHALUS.

CEREBRAL PARENCHYMA APPEARS NORMAL . NO EVIDENCE OF DIFFUSE OR FOCAL LESION IS NOTED.THERE IS NO SHIFT OF MIDLINE STRUCTURES. NO EVIDENCE OF HAEMORRHAGE.

CEREBELLAR HEMISPHERES APPEAR NORMAL. LEFT INTERNAL AUDITORY CANAL APPEAR NORMAL. SKULL VAULT APPEARS NORMAL.

WELL-DEFINED HETEROGENEOUSLY ENHANCING RIGHT CP ANGLE MASS WITH EXTENSION INTO INTERNAL AUDITORY CANAL POSSIBILITY OF ACOUSTIC SCHWANNOMA.



FINDINGS

EVIDENCE OF WELL-DEFINED EXTRA-AXIAL HETEROGENEOUSLY ENHANCING MASS LESION AT RIGHT CEREBELLOPONTINE ANGLE. THE LESION SHOWS NONENHANCING NECROTIC AREAS WITHIN.

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POSSIBILITY OF ACOUSTIC SCHWANNOMA

CLINICAL PROFILE

C/O HEARING LOSS IN RIGHT EAR

C/O HEADACHE

PROCEDURE

PLAIN AND ENHANCED 128 SLICE MDCT SCAN OF BRAIN HAVE BEEN PERFORMED. NON IONIC CONTRAST MEDIUM HAVE BEEN USED IN PROCEDURE.

**JANUARY
EDITION**

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