

First clinical experience of 3D XI in prenatal ultrasonography

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Objectives

To introduce a new technique of 3D extended imaging (XI) through multiple slice view for screening of fetal abnormalities.

Methods

We performed prenatal ultrasonography with Accuvix XQ 3D probe (Medison.Co. Korea).

Results

We got the normal and abnormal views of fetus using 3D XI.

We show the simple examples of Dandy - Walker variant and cleft lip and palate with multi slice view.(Fig.1,2)

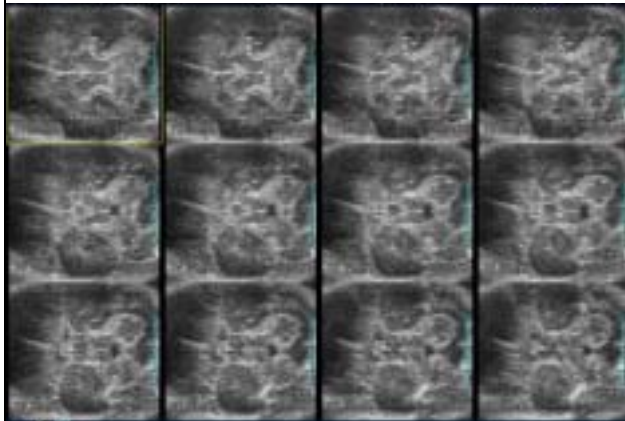


Fig. 1 Trans - axial plane of Dandy - Walker variant

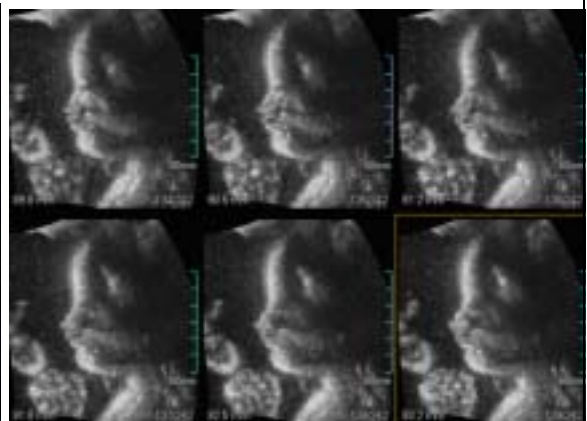


Fig. 2 Sagittal view of cleft lip and palate

Conclusions

3D XI can give the MRI - like information at a fraction of the cost so it can give us more useful and precise diagnostic information in some cases.

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