



iPage

-Tomographic ultrasound view on 3D/4D imaging

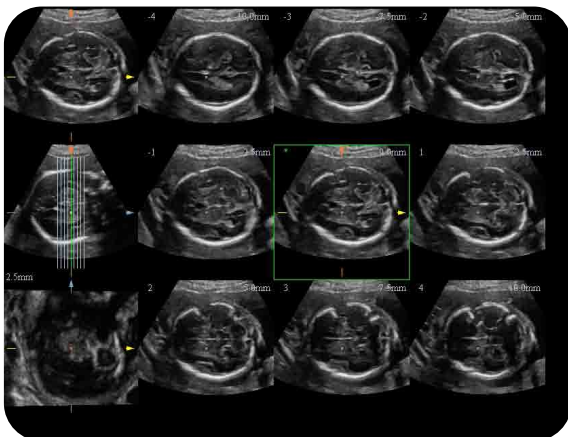
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healthcare within reach

In the era of volume ultrasound, three-dimensional imaging has been the most rapidly evolving technique in OB/GYN application. Many examiners are familiar with demonstrating fetal face to parents, but the concept of volume ultrasound is far more than this. For example, the information stored inside a volume data can be displayed in many different ways to highlight the spatial structure of region of interest, which helps to make analysis much easier with more confidence.

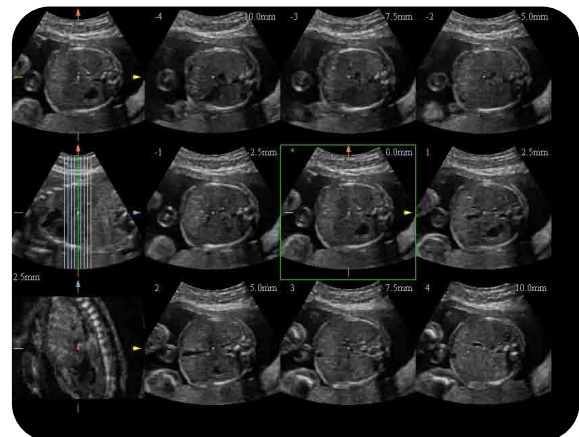
So Mindray introduces iPage to provide multiple tomographic parallel slices, CT-like display, which is valuable in targeted prenatal diagnosis for ruling out or clearly demonstrating fetal malformation. iPage function is easy and intuitive to use, after selecting the slices number and thickness, you can navigate and visualize the complete 3D imaging structures for maximum clinical information.

Why iPage? Here follows some iPage application cases:

- ◆ display nasal bone clearly to help determine lip cleft or jaw cleft
- ◆ view fetal brain demonstrating all important brain structures including lateral ventricles, the cerebellum and the cavum septum pellucidum
- ◆ view fetal thorax demonstrating fetal heart, lungs, stomach, diaphragm
- ◆ STIC allows the acquisition and analysis of fetal heart chambers, valves, septum and outflow tract without extending your exam time



Multi-slice view of fetal head demonstrating lateral ventricle, choroid plexus and cerebellum



Tomographic imaging of fetal thorax demonstrating lungs, stomach, even bifurcation of the trachea



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