Ultrasound: high-frequency sound waves that travel at 10 to 20 million cycles per second. The pattern of echo waves creates a picture of tissue and bone.

In 1987, UK radiologist H.D. Meire, who had been performing pregnancy scans for 20 years, commented, “The casual observer might be forgiven for wondering why the medical profession is now involved in the wholesale examination of pregnant patients with machines emanating vastly different powers of energy which is not proven to be harmless to obtain information which is not proven to be of any clinical value by operators who are not certified as competent to perform the operations”.

Ultrasound in Pregnancy

Written by Pathways Magazine

Monday, 01 March 2004 00:00 - Last Updated Thursday, 17 April 2014 10:55

Ultrasound: high-frequency sound waves that travel at 10 to 20 million cycles per second. The pattern of echo waves creates a picture of tissue and bone. In 1987, UK radiologist H.D. Meire, who had been performing pregnancy scans for 20 years, commented, “The casual observer might be forgiven for wondering why the medical profession is now involved in the wholesale examination of pregnant patients with machines emanating vastly different powers of energy which is not proven to be harmless to obtain information which is not proven to be of any clinical value by operators who are not certified as competent to perform the operations”.

Routine prenatal ultrasound (RPU) actually detects only between 17 and 85 percent of the 1 in 50 babies who have major abnormalities at birth. Saari-Kemppainen A, Karjalainen O, Ylostalo P et al. Ultrasound screening...

Vegetables: water or apples, fasting, or elimination of pregnancy hormone. Intradiscal Herniation...

References available online: www.birthinternational.com.au

Studies have suggested that these effects are of real concern in living tissues:

- Cell abnormalities caused by exposure to ultrasound were seen to persist for several generations.
- In newborn rats (similar stage of development as human fetuses at four to five months in utero), ultrasound can damage the myelin that covers nerves.
- Exposing mice to dosages typical of obstetric ultrasound caused a 22% reduction in the rate of cell division and doubling of the rate of apoptosis (programmed cell death), in the cells of the small intestine.

Two long-term randomized controlled trials comparing exposed and unexposed children’s development at eight to nine years old found no measurable effect from ultrasound. However, the authors comment that intensities used today are many times higher than there were in 1979 and 1981.

—Excerpt from “Ultrasound Scans: Cause for Concern”

Written by Pathways Magazine

Monday, 01 March 2004 00:00 - Last Updated Thursday, 17 April 2014 10:55