



GUIDELINES FOR THE SAFE USE OF DIAGNOSTIC ULTRASOUND EQUIPMENT

Scope and Purpose

These Guidelines are intended to assist all those who use diagnostic ultrasound equipment for any purpose in order that they may be able to make informed judgements about ultrasound safety, and in order to protect patients from excessive exposure. The Guidelines are based on the best scientific information available at the time of writing, using advice and evidence from international experts. Further background information on the safe use of ultrasound may be found in more extensive texts, including ter Haar and Duck (2000).

Guidelines

In order to make the Guidelines simpler to understand and easier to use, we have introduced a short Part 1 designed for those who do not require the complete document.

The longer Part 2 contains the Guidelines in full. The grey boxes show the rationale for each section. All the recommendations regarding TI/MI and exposure time have been brought together to make them clearer and easier to assimilate (or put up on the wall).

The appendix is a set of tables for different single applications, with the idea that the relevant one can be pinned up in the scanning room or on the machine.

We hope that you feel that the guidelines make a useful document. Please click on the links to download the different sections of the document (or the guidelines in full).

*Prepared by BMUS Safety Group
Approved by BMUS Council and published in November 2009.*