

PROCEEDINGS OF THE CONFERENCE ULTRASOUND IN BIOLOGY AND MEDICINE — UBIOMED VI

FOREWORD

This publication contains papers and communications which were delivered at the Conference on Ultrasound in Biology and Medicine — UBIOMED VI. This Conference was held in Warsaw—Jabłonna. It was the sixth successive international meeting under this name devoted to these problems. The previous conferences were held in Poland, GDR, Czechoslovakia, Hungary and in USSR. The present conference was held for the second time in Poland. It was organized by the Committee of Acoustics, Polish Academy of Sciences; Ultrasonic Medical and Biological Section, Polish Medical Society; and the Institute of Fundamental Technological Research, Polish Academy of Sciences.

The Conference covered the following fields:

- I. Physics and biophysics,
- II. New developments in instrumentation,
- III. Vascular Doppler,
- IV. Cardiac Doppler,
- V. Echocardiography,
- VI. Ultrasonography and oncology,
- VII. Ophthalmology.

About 120 participants from Poland and from 10 European and other countries took part in the Conference. In all, 64 papers and communications were delivered and have been gathered in the present volume.

An additional volume, containing the papers of these authors who did not manage to submit complete papers in time, during the Conference, will be published later on.

The Conference showed the significant role that is now played by ultrasonic techniques in various fields of medicine, and also indicated new, interesting trends, particularly in Doppler problems, at the same time revealing a large number of problems in the physics and biophysics of ultrasound which are now far from solved.

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