

ORIGINAL RESEARCH

- ANALYSIS OF ULTRASOUND FIELD PARAMETERS DURING SONICATION EXPERIMENTS
IN VITRO—INFLUENCE OF LABORATORY GLASS AND PLASTICS** 113
(Martin Snehota, Jaromir Vachutka, Ladislav Dolezal, Hana Kolarova, Zuzana Mala,
Ludmila Zarska)
- SENSITIVITY OF AUDITORY PERCEPTION TO CHANGES IN PHASE SPECTRUM** 122
(Ivana Štěpánková)
- CHARACTERIZATION OF THE BIAS BETWEEN OXYGEN SATURATION MEASURED BY PULSE
OXIMETRY AND CALCULATED BY AN ARTERIAL BLOOD GAS ANALYZER IN CRITCALLY ILL
NEONATES** 130
(Thomas E. Bachman, Christopher J. L. Newth, Patrick A. Ross, Narayan P. Iyer,
Robinder G. Khemani)
- PAIN AND STRESS MEASUREMENT DURING GENERAL ANESTHESIA USING THE RESPIRATORY
SINUS ARRHYTHMIA** 135
(Janosch Kunczik, Marcus Koeny, Michael Czaplik, Vladimir Blazek, Steffen Leonhardt)
- QUANTIFYING CARDIORESPIRATORY THORAX MOVEMENT WITH MOTION CAPTURE
AND DECONVOLUTION** 141
(Christoph Hoog Antink, David Hejj, Bernhard Penzlin, Steffen Leonhardt, Marian Walter)