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Nota di contenuto	<p>CONTENTS; Foreword ; Preface ; Acknowledgement ; CONFLICT OF INTEREST; Dedication ; Introduction ; Physical Properties of Static Magnetic Fields ; MEASUREMENTS; TOOLS, SAMPLING; CONSTRAINTS, SOLUTIONS; RELEVANT INTERACTIONS IN BIOLOGY; MAGNET THERAPY, DEFINITION OF DOSE; FROM TRANSCUTANEOUS ELECTRIC NERVE STIMULATORS TO GRADIENT STATIC MAGNETIC FIELDS; PERCEPTION OF STATIC MAGNETIC FIELDS; Sources of Static Magnetic Fields, Generators ; MAGNET MATERIALS; GENERATORS 1-16; GENERATORS 17A-E; GENERATOR 18; GENERATOR 19; GENERATOR 20; GENERATOR 21; GENERATOR 22; SUMMARY</p> <p>In Vitro Experiments on Microorganisms STATIC MAGNETIC FIELD-EXPOSURE FAILS TO AFFECT THE VIABILITY OF DIFFERENT BACTERIA STRAINS; Preliminaries; Goals; Materials and Methods; Magnetic Exposure Conditions; Microorganism; In vitro Assay, Method of Detection; Statistical Analysis; Results; Effect of hSMF on Cell Number; Effect of iSMF on Cell Number; Comparison of Control Layers 2 and 4 in the iSMF Arrangement; Discussion, Conclusions; In Vivo Animal Experiments ; MODELS AND ASSAYS; ETHICAL ISSUES; MATERIALS; EXPERIMENTS ON INVERTEBRATES IN VIVO</p> <p>Pharmacological Analysis of Response Latency in the Hot Plate Test Following Whole-Body Static Magnetic Field-Exposure in the Snail Helix Pomatia Preliminaries; Goals; Materials and Methods; Results;</p>

Discussion, Conclusions; EXPERIMENTS ON MAMMALS IN VIVO ;
HEALTHY ANIMALS; Inhomogeneous Static Magnetic Field-Exposure
Fails to Influence Locomotor Activity and Anxiety Behaviour in Mice;
PAIN AND INFLAMMATION; Pain and Analgesia; ACUTE MODELS; Static
Magnetic Field Induced Anti-Nociceptive Effect and the Involvement of
Capsaicin-Sensitive Sensory Nerves in this Mechanism; Goals
Materials and MethodsResults; Discussion, Conclusions; Visceral
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SMF PARAMETERS; Optimization of SMF Parameters Improves Pain
Inhibition in Mice; Goals; Materials and Methods; Results for Generators
1-16; Results for Generators 17-22; Discussion, Conclusions; CLINICAL
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LATERAL GRADIENTS
Lateral Gradients Significantly Enhance Static Magnetic Field-Induced
Inhibition of Pain Responses in Mice - a Double Blind Experimental
StudyGoals; Materials and Methods; Results; Discussion, Conclusions;
PHARMACOLOGICAL ANALYSIS; Pharmacological Analysis of Static
Magnetic Field-Induced Antinociceptive Action in the Mouse; Goals;
Materials and Methods; Results; Discussion, Conclusions; CHRONIC
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in Neuropathic Pain; Preliminaries; Goals; Materials and Methods;
Results; Discussion, Conclusions; NEUROPATHIA DIABETICA
Exposure to Static Magnetic Field Reduces Symptoms of Neuropathia
Diabetica
