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| 1. Record Nr. | UNISA996206673803316 |
| Titolo | AASP newsletter |
| Pubbl/distr/stampa | [Denver, CO], : American Association of Stratigraphic Palynologists |
| Descrizione fisica | 1 online resource |
| Soggetti | Palynology
Periodicals. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Periodico |
| 2. Record Nr. | UNINA9910780628803321 |
| Titolo | Ultrasonography of the eye and orbit // D. Jackson Coleman [and others] |
| Pubbl/distr/stampa | Philadelphia : , : Lippincott Williams & Wilkins, , [2006]
©2006 |
| ISBN | 1-4698-7496-2 |
| Edizione | [Second edition.] |
| Descrizione fisica | 1 online resource (200 p.) |
| Altri autori (Persone) | ColemanD. Jackson <1934-> |
| Disciplina | 617.7/1543 |
| Soggetti | Ultrasonics in ophthalmology
Eye - Ultrasonic imaging
Eye-sockets - Ultrasonic imaging |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | ""Ultrasonography of the Eye and Orbit""; ""PREFACE""; ""CONTENTS""; ""1 Physics of Ultrasound""; ""GENERATION AND DETECTION OF ULTRASOUND""; ""PROPAGATION OF ULTRASOUND""; ""REFLECTION AND SCATTERING OF ULTRASOUND""; ""ATTENUATION OF ULTRASOUND""; ""REFRACTION OF ULTRASOUND""; ""AXIAL |

RESOLUTION"; "LATERAL RESOLUTION"; "COMPOSITE RESOLUTION";
"BIOLOGIC EFFECTS OF HIGH-INTENSITY ULTRASOUND"; "FDA
EXPOSURE INDICES"; "MEASUREMENT OF ULTRASONIC BEAM
PARAMETERS"; "2 Ultrasonic Systems"; "SYSTEM COMPONENTS";
"PROBE"; "SERVO"; "PULSER"; "RECEIVER"
"SCAN CONVERTER AND DISPLAY""BANDWIDTH"; "A-MODE
SYSTEMS"; "B-MODE SYSTEMS"; "B-MODE IMAGE GENERATION";
"SCAN PATTERNS"; "B-MODE IMAGE QUALITY"; "REAL-TIME
IMAGING"; "B-MODE ARTIFACTS"; "DIGITAL IMAGE PROCESSING";
"THREE-DIMENSIONAL IMAGING"; "VERY HIGH FREQUENCY
ULTRASOUND/ULTRASOUND BIOMICROSCOPY"; "M-MODE"; "SWEPT-
MODE"; "LINEAR ARRAY SYSTEMS"; "OTHER SCAN MODES";
"DOPPLER MODES"; "TISSUE HARMONIC IMAGING"; "SPECTRAL
PARAMETER IMAGING"; "3 Ocular Diagnosis"; "HISTORICAL
BACKGROUND"; "OCULAR DIAGNOSTIC TECHNIQUES"; "Synopsis"
"DIAGNOSTIC PARAMETERS""TYPES OF DIAGNOSTIC INFORMATION";
"Synopsis"; "INDICATIONS FOR OCULAR ULTRASOUND"; "THE
NORMAL EYE"; "A-SCAN ULTRASONOGRAPHY"; "B-SCAN
ULTRASONOGRAPHY"; "ARTIFACTS ENCOUNTERED IN OCULAR
ULTRASONOGRAPHY"; "ELECTRONIC ARTIFACTS"; "REDUPLICATION
ECHOES"; "REFRACTION ARTIFACTS"; "ABSORPTION EFFECTS
(SHADOWING)"; "ABNORMALITIES OF OCULAR SIZE AND SHAPE";
"ANAMORPHIC DISPLAY"; "VERY HIGH FREQUENCY ULTRASOUND AND
ULTRASOUND BIOMICROSCOPY"; "ANTERIOR SEGMENT
ABNORMALITIES"; "Synopsis"; "CORNEA"; "ANTERIOR SEGMENT
ULTRASOUND"
"ANTERIOR CHAMBER DEPTH""POSTERIOR SEGMENT ULTRASOUND";
"Synopsis"; "EXTENT AND DENSITY OF VITREOUS HEMORRHAGE";
"LOCATION AND SOURCE OF VITREOUS HEMORRHAGE"; "VITREOUS
VEILS (MEMBRANES)"; "PROLIFERATIVE DIABETIC RETINOPATHY WITH
VITREOUS HEMORRHAGE"; "MISCELLANEOUS VITREOUS
ABNORMALITIES"; "ULTRASONOGRAPHY AND VITREOUS SURGERY";
"RETINAL ABNORMALITIES"; "POSTOPERATIVE SITUATIONS";
"POSTOPERATIVE EVALUATION OF THE VITREOUS SUBSTITUTE";
"UVEAL TRACT ULTRASOUND AND TUMORS"; "OCULAR TUMORS";
"OCULAR TRAUMA"; "Synopsis"; "NEWER IMAGING MODES";
"Synopsis"
"4 Very High Frequency Digital Ultrasound Scanning in LASIK and
Phakic Intraocular Lenses""ARTEMIS TECHNOLOGY"; "CLINICAL USE";
"PREOPERATIVE ASSESSMENT"; "POSTOPERATIVE ASSESSMENT: TRUE
DIAGNOSIS AFTER LASIK AND OPTIMAL TREATMENT PLANNING WITH
ARTEMIS TECHNOLOGY"; "A NOTE ON PHAKIC INTRAOCULAR LENS
SURGERY"; "CONCLUSION"; "5 Orbital Diagnosis"; "TECHNIQUES";
"DIAGNOSTIC PARAMETERS"; "TYPES OF DIAGNOSTIC INFORMATION";
"INDICATIONS FOR ORBITAL ULTRASOUND"; "B-SCAN";
"HORIZONTAL SCAN PLANE THROUGH THE OPTIC NERVE"
"HORIZONTAL SCAN PLANE ABOVE OR BELOW THE OPTIC NERVE"

3. Record Nr.	UNINA9910502987503321
Titolo	Advances in Application of Stem Cells: From Bench to Clinics // edited by Firdos Alam Khan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Humana , 2021
ISBN	3-030-78101-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (320 pages)
Collana	Stem Cell Biology and Regenerative Medicine, , 2196-8993 ; ; 69
Disciplina	610 616.02774
Soggetti	Stem cells Medicine - Research Biology - Research Regenerative medicine Biomedical engineering Stem Cell Biology Translational Research Regenerative Medicine and Tissue Engineering Biomedical Engineering and Bioengineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Basics of stem cell biology -- Types and classifications stem cells -- Method of isolation and characterization of stem cells -- Differentiation of stem cells into neuronal lineage: In vitro cell culture, In vivo transplantation in animal models -- Differentiation of stem cells into cardiomyocyte lineage: In vitro cell culture, In vivo transplantation in animal models -- Differentiation of stem cells into hepatocyte lineage: In vitro cell culture, In vivo transplantation in animal models -- Differentiation of stem cells into pancreatic lineage: In vitro cell culture, In vivo transplantation in animal models -- Application of stem cells in treatment of bone diseases: pre-clinical and clinical perspectives -- Stem cells in regenerative medicine: clinical trials -- Stem cell production: Scale up, GMP production, Bioreactor -- Stem cell based products in the market -- Commercialization, IPR and market of stem

cell products.

Sommario/riassunto

The field of stem cell biology is expanding with a continued surge of new information related to its applications. Over past few years, stem cells have been extensively used in cell therapy, tissue engineering, in vitro drug testing among others. At the moment there is no single book available which comprehensively describes the significance of various application of stem cells derived from embryonic and adult sources from lab to clinics. In this edited volume, we discuss basics and advanced topics of stem cells to help researchers, students and professional find the most important information in a single source of updated information about stem cells and relevant applications. This book is divided in 12 chapters and covers topics such as in vitro cell culture, 3D cell culture, cell therapy, tissue engineering, cell factory, cell functionality, in vitro drug testing, organ development, autologous transplantation, allogeneic transplantation, adult stem cells, multipotent stem cells, induced pluripotent stem cells, a pluripotent and embryonic stem cells.
