1. Record Nr. UNINA9910828597403321

Titolo	Marijuana and madness / / edited by David Castle, Robin M. Murray, Deepak Cyril D'Souza [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-139-15277-7 1-107-22643-0 1-283-34238-3 9786613342386 1-139-16029-X 1-139-16129-6 1-139-15924-0 1-139-15572-5 1-139-15747-7 0-511-70608-1
Edizione	[Second edition.]
Descrizione fisica	1 online resource (xi, 240 pages) : digital, PDF file(s)
Collana	Cambridge medicine
Classificazione	MED102000
Disciplina	362.196/8635
Soggetti	Marijuana - Physiological effect Marijuana - Psychological aspects Marijuana abuse - Complications Psychoses - Etiology Schizophrenia - Etiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	How cannabis works in the brain / Leslie Iversen -- Other cannabinoids / Raphael Mechoulam, Lumir Hanus -- The function of the endocannabinoid system / Maria Grazia Cascio, Roger Pertwee -- Is cannabis becoming more potent? / Desmond Slade, Zlatko Mehmedic, Suman Chandra, Mahmoud ElSohly -- What are the policy implications of the evidence on cannabis and psychosis? / Wayne Hall, Louisa Degenhardt -- Cannabis, endocannabinoids and neurodevelopment / Ismael Galve-Roperh -- The impact of pubertal exposure to cannabis on the brain: a focus on animal studies / Miriam Schneider -- Cannabis

and cognition: short- and long-term effects / Nadia Solowij, Nicole Pesa -- Does cannabis cause lasting brain damage? / Nadia Solowij, Murat Yucel, Valentina Lorenzetti, Dan Lubman -- The association between cannabis use and depression: a review of the evidence / Louisa Degenhardt, Wayne Hall, Michael Lynskey, Carolyn Coffey, George Patton -- Cannabis, cannabinoids and bipolar disorder / Carol Silberberg, David Castle, Dagmar Koethe -- Which cannabis users develop psychosis? / Marta Di Forti, Cecile Henquet, Helene Verdoux, Sir Robin M. Murray, Jim van Os -- Cannabinoids and the cerebellum: a potential role in the development of psychosis / Patrick D. Skosnik -- The neural basis for the acute effects of cannabis on learning and psychosis / Sagnik Bhattacharyya, Philip McGuire -- Does cannabis cause schizophrenia? The epidemiological evidence / Stanley Zammit, Louise Arseneault, Mary Cannon, Sir Robin M. Murray -- Postmortem studies of the brain cannabinoid system in schizophrenia / Suresh Sundram, Brian Dean, David Copolov -- The endocannabinoid system in schizophrenia / Paul Morrison -- The acute effects of cannabinoids in patients with psychotic illness / Cecile Henquet, Andrew Sewell, Rebecca Kuepper, Mohini Ranganathan, Deepak Cyril D'Souza -- Cannabis abuse and the course of schizophrenia / Don Linszen, Therese van Amelsvoort -- Understanding cannabis use in schizophrenia / Leanne Hides, David J. Kavanagh, Kim T. Mueser -- Addressing cannabis use in people with psychosis / Wynne James, David Castle.

Sommario/riassunto

The second edition of this critically acclaimed and award-winning text provides a comprehensive overview of the psychiatry and neuroscience of Cannabis sativa (marijuana). It outlines the very latest developments in our understanding of the human cannabinoid system, and links this knowledge to clinical and epidemiological facts about the impact of cannabis on mental health. Clinically focused chapters review not only the direct psychomimetic properties of cannabis, but also the impact consumption has on the courses of evolving or established mental illnesses such as schizophrenia. Effects of cannabis on mood are reviewed, as are its effects on cognition. This new edition has been extensively updated and expanded with 10 new chapters to incorporate major new research findings. This book will be of interest to all members of the mental health team, as well as to neuroscientists, epidemiologists, public health specialists and those involved in drug and alcohol research.

2. Record Nr. UNINA9910830039403321

Titolo	Magnetism in medicine : a handbook / / edited by Wilfried Andra and Hannes Nowak
Pubbl/distr/stampa	Weinheim, [Germany] : , : Wiley-VCH Verlag GmbH & Co. KGaA, , 2007 ©2007
ISBN	1-280-85459-6 9786610854592 3-527-61017-0 3-527-61018-9
Edizione	[Second, completely revised and extended edition.]
Descrizione fisica	1 online resource (657 p.)
Classificazione	33.75 44.31
Disciplina	610.1538
Soggetti	Magnetotherapy Magnetism Medical physics
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 at the end of each chapters and index.
Nota di contenuto	Magnetism in Medicine; Contents; Preface; List of Contributors; 1 Introduction; 1.1 The History of Magnetism in Medicine; 1.1.1 Origins; 1.1.2 First Medical Uses of Magnets; 1.1.3 Use of Attracting Forces of Magnets in Medicine; 1.1.4 Treatment of Nervous Diseases and Mesmerism; 1.1.5 Other Medical Uses of Magnets and Magnetism; 1.1.6 The Influence of Magnetic Fields on Man; References; 1.2 Basic Physical Principles; 1.2.1 Introduction; 1.2.2 The Electromagnetic Field Concept and Maxwell Equations; 1.2.2.1 Maxwell Equations in a General Case of Time-Dependent Fields 1.2.2.2 Constant (Time-Independent) Fields: Electro- and Magnetostatics1.2.2.3 Electric and Magnetic Potentials: Concept of a Dipole; 1.2.2.4 Force, Torque and Energy in Magnetic Field; 1.2.3 Magnetic Field in Condensed Matter: General Concepts; 1.2.3.1 Maxwell Equations in Condensed Matter: Magnetization; 1.2.3.2 Classification of Materials According to their Magnetic Properties; 1.2.3.3 Mean Field

Theory of Ferromagnetism; 1.2.4 Magnetic Field in Condensed Matter: Special Topics; 1.2.4.1 Magnetic Energy Contributions; 1.2.4.2 Magnetic Domains and Domain Walls
1.2.4.3 Magnetization Curves and Hysteresis Loops1.2.4.4 Single-Domain Particles and Superparamagnetism; 1.2.4.5 Irreversible Magnetic Relaxation; 1.2.4.6 Reconstruction of Magnetization Distribution Inside a Body from Magnetic Field Measurements; Appendix; References; 1.3 Creating and Measuring Magnetic Fields; 1.3.1 Introduction; 1.3.2 The Generation of Magnetic Fields; 1.3.3 The Measurement of Magnetic Fields; 1.3.4 Discussion; References; 1.4 Safety Aspects of Magnetic Fields; 1.4.1 Introduction; 1.4.2 Risk Evaluation and Guidance on Protection; 1.4.2.1 Evaluation Process
1.4.2.2 Development of Guidance on Protection1.4.3 Static and Extremely Slowly Time-Varying Magnetic Fields (0 to 1 Hz); 1.4.3.1 Interaction Mechanisms and Biological Bases for Limiting Exposure; 1.4.3.2 Epidemiology; 1.4.3.3 Safety Aspects and Exposure Levels; 1.4.4 Time-Varying Magnetic Fields (1 Hz to 100 kHz); 1.4.4.1 Interaction Mechanisms and Biological Bases for Limiting Exposure; 1.4.4.2 Epidemiology; 1.4.4.3 Safety Aspects and Exposure Levels; 1.4.5 Electromagnetic Fields (100 kHz to 300 GHz); 1.4.5.1 Interaction Mechanisms and Biological Bases for Limiting Exposure
1.4.5.2 Epidemiology1.4.5.3 Safety Aspects and Exposure Limits; 1.4.6 Protection of Patients and Volunteers Undergoing MR Procedures; 1.4.6.1 Static Magnetic Fields; 1.4.6.2 Time-Varying Magnetic Gradient Fields; 1.4.6.3 Radiofrequency Electromagnetic Fields; 1.4.6.4 Contraindications; References; 2 Biomagnetism; 2.1 Introduction; 2.2 Biomagnetic Instrumentation; 2.2.1 History; 2.2.2 Biomagnetic Fields; 2.2.3 SQUID Sensor; 2.2.4 Shielding: Magnetically and Electrically Shielded Rooms; 2.2.5 Gradiometers; 2.2.6 Dewar/Cryostat; 2.2.7 Commercial Biomagnetic Measurement Devices
2.2.7.1 4-D Neuroimaging

Sommario/riassunto

This second, completely updated and extended edition of the only reference work in this growing field of medical physics focuses on biomagnetic instrumentation as well as applications in cardiology and neurology. New chapters have been added on fetal magnetography and magnetic field therapy, as well as the safety aspects of magnetic fields. Written by well-known specialists from Germany, USA, Canada, Japan, the Netherlands and Scandinavia, the result is a manual for researchers in this field as well as for those who apply modern methods based on magnetism in medical practice. It equally pro