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| 1. Record Nr.           | UNINA9910461674803321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Autore                  | Plumb Mark                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Titolo                  | Essential tremor [[electronic resource] ] : the facts / / Mark Plumb, Peter Bain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pubbl/distr/stampa      | Oxford ; ; New York, : Oxford University Press, 2007                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ISBN                    | 1-283-58120-5<br>9786613893659<br>0-19-156708-6<br>0-19-160732-0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Descrizione fisica      | 1 online resource (166 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Collana                 | Facts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Altri autori (Persone)  | BainPeter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Disciplina              | 616.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Soggetti                | Tremor<br>Movement disorders<br>Electronic books.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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 (p. 135-144) and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Nota di contenuto       | Contents; Preface; Foreword; Foreword; Acknowledgements; 1 What is essential tremor?; The history of essential tremor; The clinical definition of 'classical essential tremor'; Essential tremor and emotional stress; Essential tremor and physiological stress; Ageing-essential tremor as a progressive disease, but is it a neurodegenerative disorder?; Other symptoms in essential tremor; Cognitive ability; Walking; Eyesight and eye movement; Sense of smell; Hearing; Weight loss; Conclusion; 2 Living and coping with essential tremor; Severity; Response to medication; Diet-coffee and alcohol; Anxiety CounsellingMy hands don't shake-a personal view by Mark Plumb; Get to know the facts about essential tremor; Early age of onset; Raising awareness in society; Repetitive training of the voluntary muscles; 3 The diagnosis of essential tremor; Diagnosis as a process of elimination; Essential tremor versus Parkinson's disease-a differential diagnosis; Hypokinetic versus hyperkinetic movement disorders; The dopamine active transport scan; Is essential tremor a family of related movement disorders?; Assessing tremor severity in essential tremor; Clinical rating scales |

4 The treatment of essential tremor; Nerve cells-what are they?; The medications used to treat essential tremor; Beta-blockers; Primidone; Benzodiazepines; Gabapentin; Topiramate; Botulinum toxin; Naturally occurring chemicals; Alcohol (ethanol); Caffeine; Cannabis; Stereotactic brain surgery-thalamotomy and deep brain stimulation; Stereotactic surgical procedures; Surgical complications; Side effects; How does DBS work?; 5 Who gets essential tremor?; The prevalence of essential tremor in the general population; Essential tremor in families; Essential tremor as a dominant genetic trait

Twins in essential tremor-essential tremor is highly heritable; Identifying the essential tremor genes; Essential tremor is a complex inherited disorder; Genetic testing in essential tremor; 6 Possible causes of essential tremor; Essential tremor as a neurological disorder of the central nervous system; Tremor-related nerve cell activity; Imaging studies of the brain in essential tremor; Muscle contraction; The principles of voluntary movement; The thalamus and the control of voluntary movement; Linking tremor and anxiety in essential tremor; The neural network and the control of voluntary movement; Essential tremor may be a deficit of inhibitory (GABA) neurotransmitter; The GABA receptor; The GABA[<sub>A</sub>] 1 receptor subunit knock-out essential tremor mouse; Implications for the dominant mode of inheritance of essential tremor in humans; Conclusions; 7 The future: what are the prospects of a cure for essential tremor?; Gene therapy; Stem cells; The stem cell controversy; Stem cell therapy in neurodegenerative disorders; Neural stem cells and Parkinson's disease; Animal models in stem cell therapy; Gene and stem cell therapy in essential tremor

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#### Sommario/riassunto

Essential Tremor is the most common movement disorder in the world, and affects between 4 and 40 people per 1000 of the population amongst all ethnic groups. Characterised by shaking hands, this disorder can affect the head, voice and legs, and is often made worse by physical and emotional stress. Essential Tremor: The Facts provides a comprehensive guide to understanding this disorder and minimising its impact upon the lives of sufferers, their friends and families. It begins with a close look at what essential tremor is and how it should be diagnosed, as well as details on who gets the disorder.

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