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Nota di contenuto	Front Cover; Copyright; Table of Contents; Foreword; ONE - A Little History on Deep Brain Stimulation; DEEP BRAIN STIMULATION THERAPY; UNDERSTANDING THE MOTOR SYSTEM OF THE BRAIN; HISTORICAL UNDERSTANDING OF THE DISEASES TREATED WITH DBS; EARLY BRAIN SURGERIES FOR MOVEMENT DISORDERS; ELECTRICAL THERAPIES IN THE BRAIN; DEEP BRAIN STIMULATION IN THE MODERN ERA; TWO - How Does DBS Work and What Can It Do for Me?; THE DBS SYSTEM; THE SKINNY ON HOW DBS WORKS AND WHAT IT CAN DO; THREE - Do I Qualify for Surgery?; ESSENTIAL TREMOR; DYSTONIA; THE DBS EVALUATION PROCESS FOUR - Choosing the Health Care Team that Is Right for YouTHE DBS TEAM: CONSIDERATIONS; MEMBERS OF THE DBS TEAM; TALKING TO OTHERS; FIVE - Your Social Support Network- Family and Friends; BEFORE SURGERY; DURING THE SURGERY; AFTER THE SURGERY; SIX - How to Prepare for the Big Day; PLANNING FOR THE BIG DAY; THE DAY BEFORE SURGERY; SEVEN - What Should I Expect during the Surgery?; STAGE I: IMPLANTATION OF DBS LEADS; STAGE II: PLACEMENT OF THE STIMULATOR; EIGHT - I Had the Surgery. Now What?; THE HONEYMOON PERIOD; WHEN IS THE STIMULATOR TURNED ON?; PREPARING FOR P-

## DAY (THE DAY OF PROGRAMMING)

WHAT HAPPENS ON P-DAY? PROGRAMMING BASICS; FUTURE PROGRAMMING VISITS; ADJUSTMENT OF MEDICATIONS; NINE - Taking Care of Your DBS System and Other Precautions; WHAT IF I FALL OR GET INTO AN ACCIDENT?; WHAT ABOUT MAGNETS?; CAN I GET OTHER MEDICAL PROCEDURES DONE WITH THE DBS SYSTEM?; TEN - Stimulator Battery Maintenance and Checkups; WHAT HAPPENS AT A DBS CHECKUP?; HOW LONG DOES THE STIMULATOR BATTERY LAST?; DBS HANDHELD DEVICE; REPLACING THE STIMULATOR; ELEVEN - My Symptoms Are Not Under Control-Troubleshooting Your System; DBS NEVER HELPED SYMPTOMS IN THE FIRST PLACE  
DBS WORKED AND SUDDENLY STOPPED WORKING DBS SLOWLY STOPPED WORKING OVER TIME; TWELVE - Health Risks and Possible Complications in Surgery; THINKING ABOUT THE RISKS OF SURGERY; RISKS OF DBS SURGERY AND WHAT IS DONE TO MINIMIZE THEM; BALANCING THE RISKS AND BENEFITS; THIRTEEN - Long-Term Clinical and Side Effects; LONG-TERM CLINICAL EFFECTS OF DBS; LONG-TERM SIDE EFFECTS OF DBS; FOURTEEN - Frequently Asked Questions; Does insurance cover the cost of the procedure?; Where would you put the DBS stimulator if I already have a pacemaker?; What if the stimulator battery runs out? What will happen?  
Will others be able to see my DBS stimulator? I live alone. Can I have DBS?; I need tremor control in both of my hands to perform my job. Can I have DBS for both hands?; How do I know when to use my DBS?; Can I do my own programming?; I have essential tremor that affects my voice. Will DBS help the tremor in my voice?; Appendix A - Glossary of Terms; Appendix B - Support Organizations; General Movement Disorders; For DEEP BRAIN STIMULATION; For essential tremor; For Dystonia; Appendix C - List of Commonly Prescribed Medications; ESSENTIAL TREMOR; DYSTONIA; Index

### Sommario/riassunto

"In the United States, an estimated 42 million people suffer from some form of movement disorder, including Parkinsons disease (PD), essential tremor (ET), and dystonia. Although medications may be helpful for these conditions, in many patients, symptoms cannot be controlled with medications alone. In such situations, their physicians may recommend a surgical procedure known as Deep Brain Stimulation (DBS). DBS is a revolutionary technology using an implanted device to deliver electrical stimulation to the brain to help symptoms, alleviate suffering, and improve quality of life. Deep brain stimulation has dramatically changed the lives of many patients with uncontrollable tremors. Patients often can resume normal activities, such as feeding and dressing themselves, and can have active and fulfilling lives. The need for anti-tremor medications is often reduced or eliminated. Though it's no longer considered experimental, DBS is, for now, still used as a second- or third-line treatment, reserved for patients with more advanced cases of the disease and those for whom medication alone is inadequate or can't be adjusted precisely enough to keep their tremors and writhing under control. The use of Deep Brain Stimulation continues to evolve and doctors are realizing that the earlier they perform the procedure the more they can improve the quality of life of their patients. Deep Brain Stimulation is the first book to be written by a team of experts that clearly explains the benefits, pros, and cons of this revolutionary new treatment"--