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Nota di contenuto	1. History of awake craniotomy -- 2. Tumor surgery -- 3. Epilepsy surgery -- 4. Patient selection -- 5. Preoperative neuroimaging -- 6. Principles of neuroanesthesiology -- 7. Intraoperative management -- 8. Postoperative care -- 9. Intraoperative neurophysiologic monitoring (IONM) -- 10. Neurocognitive assessment.
Sommario/riassunto	This book covers all aspects of awake craniotomy, including preoperative management, intraoperative handling, and postoperative follow-ups. It will be discussed preoperative preparedness, essential neurocognitive assessments, and how to provide a patient for cooperative operation step by step. Intraoperative requirements and appropriate neuro-monitoring will be pointed out along with surgical nuances accompany by helpful photographs. Finally, the postoperative management, how we should control the patient in the short-term and long-term, and what investigations are necessary postoperatively will be explained. This book will assist neurosurgeons in negotiating the steep learning curve involved in gaining the skills needed to perform awake surgery of brain tumors, which offers significant advantages in terms of avoidance of preventable neurological deficits besides obtaining optimal outcome. Indeed, primary audiences of this work are neurosurgeons, neurologists, neuroscientists, and neuro-anesthesiologists, and it will contain neuropsychiatry, neurosciences, neurology, neurosurgery, anesthesiology, and neurophysiologic contents.

