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Descrizione fisica	1 online resource (377 pages)
Altri autori (Persone)	LampertiMassimo
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Nota di contenuto	1 Why monitor the brain during anesthesia and surgery -- 2 Applied Neurophysiology -- 3 Consciousness, memory, and anesthesia -- 4 Basic electroencephalography -- 5 Applied electroencephalography -- 6 Intraoperative Neurophysiological Monitoring (IONM) during Anesthesia: Evoked Potentials (EP) and Electromyography (EMG) -- 7 Cerebral oximetry -- 8 Cerebral ultrasound -- 9 Transcranial doppler ultrasound: a perioperative monitoring tool -- 10 Nociception - Antinociception Balance Monitoring -- 11 Combined Multimodal Monitoring -- 12 Advanced neuromonitoring: from ICU to the OR.
Sommario/riassunto	This book thoroughly explains brain monitoring during anaesthesia for cerebral and non-cerebral surgery. The chapters provide a comprehensive view of neuromonitoring modalities during anaesthesia and transitional care. The book also informs the readers about how to assess the level and adequacy of anesthesia, how to prevent and detect new damage in the central nervous system, how to decrease and minimize the risk of developing peri-operative neurocognitive disorders and how predicts adverse outcomes in major surgery. The book is a comprehensive guide for anesthesiologists, critical care physicians and nurses working in the peri-operative and intensive care environments to stay updated on the current brain monitoring

modalities during anesthesia, sedation and surgery.