

1. Record Nr.	UNINA9910483830103321
Autore	Weiss Jeffrey N.
Titolo	Neurologic stem cell surgery // Jeffrey N. Weiss
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-72420-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XI, 119 p. 5 illus., 4 illus. in color.)
Disciplina	616.02774
Soggetti	Stem cells - Therapeutic use Cèl·lules mare Neurocirurgia Teràpia cel·lular Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Study Protocols and Informed Consent -- 2. Procedure - Additional Patient Explanation -- 3. Some Thoughts -- 4. Other Treatment Modalities.
Sommario/riassunto	This is a concise how-to of successfully treating previously poorly or untreatable neurologic conditions with stem cell therapies. The text examines the IRB approved protocols of NEST (Neurologic Bone Marrow Derived Stem Cell Treatment Study), SCiExVr (Stem Cell Spinal Cord Injury Exoskeleton and Virtual Reality Treatment Study), and ACIST (Alzheimer's and Cognitive Impairment Stem Cell Treatment Study). The discussion focuses on the protocols and informed consents and may be used as a template for specialists to develop clinical trials utilizing stem cell based therapy. Other potential noninvasive treatments for brain injury are also discussed. Neurologic Stem Cell Surgery, the sister text to the recently published Retinal and Optic Nerve Stem Cell Surgery, is an invaluable reference for all physicians with an interest in the development of stem cell based treatments.