

1. Record Nr.	UNINA9910969895003321
Titolo	Spinal cord injury : progress, promise, and priorities // Committee on Spinal Cord Injury, Board on Neuroscience and Behavioral Health ; Catharyn T. Liverman ... [et al.], editors
Pubbl/distr/stampa	Washington, DC, : National Academies Press, c2005
ISBN	9786610742103 9780309165204 0309165202 9781280742101 1280742100 9780309548595 0309548594
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xvi, 343 pages) : illustrations
Altri autori (Persone)	LivermanCatharyn T
Disciplina	617.4/82044
Soggetti	Spinal cord - Wounds and injuries Spinal cord - Wounds and injuries - Research - United States Medical policy Research Health Policy State Government Spinal Cord Injuries United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Progression of spinal cord injury -- Tools for assessing spinal cord injury and repair -- Current therapeutic interventions -- Progress toward neuronal repair and regeneration -- Developing new therapeutic interventions: from the laboratory to the clinic -- Research organization: creating an environment to accelerate progress -- State programs in spinal cord injury -- Appendixes.
Sommario/riassunto	An estimated 11,000 spinal cord injuries occur each year in the United States and more than 200,000 Americans are currently living with a

spinal cord injury. A spinal cord injury affects many systems and functions of the body that are vital to health and well-being and can result in paralysis, bowel and bladder dysfunction, sexual dysfunction, respiratory impairment, temperature regulation problems, and chronic pain. During the last two decades, long-standing beliefs about the inability of the adult nervous system to heal itself have been eroded by the flood of new information from research in the neurosciences and related fields. However, there are still no cures and the challenge of restoring function in the wake of spinal cord injuries remains extremely complex. Spinal Cord Injury examines the future directions for research with the goal of accelerating the development of cures for spinal cord injuries. The Institute of Medicine's panel of experts examines research needs and priorities and provides a set of recommendations for future research directions. Further recommendations are made for strengthening and coordinating the research infrastructure. The report was sponsored by the New York Spinal Cord Injury Research Board. Funders at federal and state agencies, academic organizations, pharmaceutical and device companies, and nonprofit organizations will all find this book an essential resource as they examine their opportunities.
