

1. Record Nr.	UNINA9910300199903321
Titolo	Complications of CSF Shunting in Hydrocephalus : Prevention, Identification, and Management // edited by Concezio Di Rocco, Mehmet Turgut, George Jallo, Juan F. Martínez-Lage
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-09961-2
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (320 p.)
Disciplina	616.85/8445 618.92
Soggetti	Nervous system - Surgery Pediatrics Neurosurgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	GENERAL INTRODUCTION: Clinical Manifestations of CSF Shunt Complications -- Neuroimaging in CSF Shunt Complications. COMPLICATIONS OF EXTRATHECAL CSF SHUNTS: Introduction -- Iatrogenic Complications -- Complications Related to the Choice of the CSF Shunt Device -- Functional Complications -- Mechanical Complications -- Infective Complications -- Complications Related to the Type of Hydrocephalus -- Complications Specific to the Type of CSF Shunt -- Late Complications. COMPLICATIONS OF INTRATHECAL SHUNTS- ENDOSCOPIC TREATMENT: Introduction -- Iatrogenic and Infective -- Complications Due to Insufficient Correction of the Altered CSF Dynamics -- Complications Related to the Type of Hydrocephalus -- Late Failures.
Sommario/riassunto	Written and edited by leading international authorities in the field, this book provides an in-depth review of knowledge of complications of CSF shunting, with emphasis on prevention, identification, and management. It covers the full range of shunt-related complications and the various associated adverse consequences that remain common despite significant improvements in imaging techniques and therapeutic methods. The chapters are organized into three parts:

introduction, complications of extrathecal CSF shunt devices, and complications of endoscopy. In addition to providing clinicians and investigators with the most pertinent current evidence, the book looks forward to future areas of hydrocephalus research and to innovative therapeutic philosophies. This comprehensive reference book will be an ideal source for neurosurgeons seeking both basic and more sophisticated information and procedures relating to the complications associated with CSF shunting. It will also contribute in overcoming the problem of lack of knowledge of basic fluid dynamics and workings of the shunts – knowledge that is essential for optimal care of hydrocephalic patients. .
