Preface

Our motivation in editing this book is to fill the gap between two major and common neurologic disorders (cerebrovascular diseases and epilepsy). These disease categories frequently overlap in clinical practice, and sufferers often evaluated by physicians from different backgrounds in neurology. This book will be an opportunity to serve health care practitioner from these backgrounds and others such as neurosurgeons and neurointensivists. Furthermore, this book can be the foundation and succinct guide to trainee in these fields of neurology.

The vast majority of the contributors to this book are renowned authorities in their fields of cerebrovascular and epilepsy disorders. The methodology in constructing the authorship for this book is somewhat unique. Each chapter was written by two or three authors, at least one of them is an expert in cerebrovascular diseases and a second author is an expert in epilepsy disorders. The editors of this book asked contributors to meld their clinical knowledge and experience. We believe this mix provides an exceptional product that hopefully serve readers or health practitioner deal with the spectrum of these diseases. The editors of this book are appreciative to the extraordinary effort and enthusiasm to each author stamped his presence in the book.

This book is divided into ten chapters according to the nature of the cerebrovascular diseases. The first chapter handles the spectrum of epidemiology of seizures and epilepsy in cerebrovascular diseases. The range of cerebrovascular diseases and epileptic disorders in pediatric population typically differs from adults; hence, this subject was handled in a separate chapter. Subsequent chapters were divided according to the type of the cerebrovascular disease; for example, Chap. 4 handles seizures in ischemic stroke, Chap. 5 handles seizures in intracerebral hemorrhage, and so on. Each chapter in the book is divided into sections including the epidemiology of seizures in that specific cerebrovascular disease category; neuroimaging section may provide a visual corroboration between these disease categories; risk factors for seizures in association with each cerebrovascular syndrome; and treatment strategies.

It is our hope that you find the chapters of this book both comprehensive and practical, and that "Seizures in Cerebrovascular Disorders" quickly become a valuable reference in your daily management of patients suffering from these disease overlap.

http://www.springer.com/978-1-4939-2558-2

Seizures in Cerebrovascular Disorders
A Clinical Guide
Koubeissi, M.; Alshekhlee, A.; Mehndiratta, P. (Eds.)
2015, XII, 134 p. 27 illus., 4 illus. in color., Hardcover
ISBN: 978-1-4939-2558-2