

In the name of God

Management of Stroke in Emergency Department

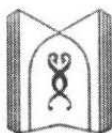
Editors:

Alireza Ala

Emergency Medicine Specialist, Associate professor,
Department of Emergency Medicine, Tabriz University of
Medical Sciences

Samad Shams Vahdati

Emergency Medicine Specialist, Fellowship of Neurovascular
Emergency, Associate professor, Department of Emergency
Medicine, Tabriz University of Medical Sciences



Alireza Ala ... [et al]. /Management of stroke in emergency department	: عنوان و نام پدیدآور
تبریز: انتشارات پزشکی شروین، ۱۳۹۵ = ۲۰۱۷ م.	: مشخصات نشر
۱۲۰ ص.: مصور، جدول.	: مشخصات ظاهری
978-600-7128-61-9	: شابک
فیفا	: وضعیت فهرست نویسی
انگلیسی.	: یادداشت
Authors: Alireza Ala , Aynur Sahin, Hossein Alikhah, Ilker Eyuboglu ,Ozgur Tatli ,Samad ShamsVahdati ,Suleiman Turedi ,Sukru Oguz ,Yunus Karaca	: یادداشت
امرجنسی ...	: نویسنده
بیماران	: موضوع
Patients Cerebral infarction	: موضوع
بیماران -- پیش بینی های ایمنی	: موضوع
Patients -- Safety measure	: موضوع
سکته مغزی -- عوامل مخاطره انگیز	: موضوع
Cerebral infarction -- risk factors	: موضوع
عوامل مخاطره انگیز	: شناسه افزوده
Ala, Alireza	: شناسه افزوده
1395 RC 394	: رده بندی کنگره
616/81	: رده بندی دیویی
4534099	: شماره کتابشناسی ملی

The book is available at: www.ElvinPub.com

Title: Management of stroke in emergency department

Authors: Alireza Ala, Samad Shams Vahdati, Hossein Alikhah, Aynur Sahin, Ilker Eyuboglu, Ozgur Tatli, Suleyman Turedi, Sukru Oguz, Yunus Karaca

Published by: Shervin Medical Publications

Lithography: Neghin

Print: Sabz

Count: 500 vol

Published: first time, 2017

ISBN: 978-600-7128-61-9

Shervin Medical Publications, 17 Shahrivar Ave. Tabriz, Iran; fax: +984135545162; tel: +984135564484; cell phone: +98930411448
website: www.ShervinPub.com email: ShervinPub@gmail.com

Management of Stroke in Emergency Department

CONTENTS

Preface	4
Authors list	
Section I- Prevention of stroke	
<i>by: Alireza Ala, Hossein Alikhah</i>	
Section II- Prehospital management in stroke	97
<i>by: Suleyman Turedi</i>	
Section III- Emergency stroke unit	115
<i>by: Alireza Ala</i>	
Section IV- Emergency blood pressure control of stroke patient	133
<i>by: Yunus Karaca</i>	
Section V- Imaging of acute ischemic stroke	141
<i>by: Sukru Oguz, Ilker Eyuboglu</i>	
Section VI- Emergency approach for transient ischemic attack	159
<i>by: Yunus Karaca</i>	
Section VII- Thrombolytics	169
<i>by: Samad Shams Valadati</i>	
Section VIII- Mechanical thrombectomy in acute stroke	201
<i>by: Samad Shams Valadati</i>	
Section IX- New reperfusion strategies for acute ischemic stroke	217
<i>by: Ozgur Tatli</i>	
Section X- Management of Intracerebral Hemoragues	239
<i>by: Aynur Sahin</i>	
Section XI- Spontaneous subarachnoid hemorrhage	263
<i>by: Yunus Karaca</i>	

Preface

Today, the increasing developments achieved in therapeutic methods and early investigation of patients' problems and consequently decrease in final mortality rate have resulted in early initiation of patients' evaluation and treatment even before the hospital arrival and their continuation after admission and hospitalization.

One of the most important medical problems is cerebral vascular accidents with high prevalence. Regarding the fact that TIME is the most important factor in the investigation and initiation of treatment, we decided here to collect and provide our perennial experiences and the present guidelines in the field of approach to acute cerebral vascular accidents in order to help the audiences in various levels to have appropriate and timely approach to patients in similar situations.

In this series, I and my colleagues at Tabriz University of Medical Sciences and the Erzurum University tried to transfer the content without deficiencies; however, we look forward to the valuable comments and suggestions of experts to consider in later editions of our books.

Good luck

Dr Alireza ALA

Associate Professor of Emergency Medicine,

Member of the Board of emergency Medicine, I.R. Iran,

Tabriz University of Medical Sciences