

*Περιεχόμενα:*

**Part I Guidelines, Thrombolytic Therapy, Pharmacology 1**

**1 Compendium of STEMI Clinical Trials 3**

*Juanita Gonzalez Arango MD, Miguel Vega Arango MD, Estefania Calle Botero MD, Isaac Yepes Moreno MD, Maria Botero Urrea MD, Alicia Henao Velasquez MD, Daniel Rodriguez MD, Daniela Parra Dunoyer MD, Maria Teresa Bedoya Reina MD, Sameer Mehta MD*

**2 European Society of Cardiology and American College of Cardiology STEMI Guidelines 35**

*Estefania Oliveros MD, Sameer Mehta MD FACC, Alexandra Ferre MD, Tracy Zhang BS, Michael Schweitzer MD, Miguel Vega Arango MD, Juanita Gonzalez Arango MD, Maria Botero Urrea MD, Maria Teresa Bedoya Reina MD, Isaac Yepes MD*

**3 The Role of Thrombolytic Therapy in the Era of STEMI Interventions 55, Nestor Mercado MD, Theodore L. Schreiber MD, Cindy L. Grines MD**

**4 Anticoagulants in STEMI Interventions 65, Vincenzo Vizzi MD, Thomas W. Johnson BSc MBBS MD FRCP, Andreas Baumbach MD**

**5 New Oral and Intravenous Adenosine Diphosphate Blockers in STEMI Intervention 75, James J. Ferguson III MD**

**Part II The STEMI Procedure 105**

**6 The Role of Acute Circulatory Support in STEMI 107, Yousef Bader MD, Navin K. Kapur MD**

**7 Thrombus Management for STEMI Interventions 119**

*Sameer Mehta MD, Olga Reynbakh MD, Daniel Rodriguez MD, Tracy Zhang BS, Michael Schweitzer MD, Maria Teresa Bedoya Reina MD, Miguel Vega Arango MD, Juanita Gonzalez Arango MD, Maria Botero Urrea MD*

**8 Transradial Techniques to Improve STEMI Outcomes 145, Tejas Patel MD DM FACC FESC FSCAI, Sanjay Shah MD DM, Samir Pancholy MD FACC FSCAI**

**9 Management of Cardiogenic Shock 159, Holger Thiele MD, Suzanne de Waha MD**

**10 Present Role of Thrombectomy in STEMI Interventions 171, Francesco Giannini MD, Azeem Latib MD, Antonio Colombo MD**

**11 Choice of Stent in STEMI Interventions 187, *Roopa Salwan MD***

**12 Illustrated STEMI Procedures I – Basic STEMI Skills 207, *Sameer Mehta MD, Tracy Zhang BS, Michael Schweitzer MD, Alexandra Ferre MD, Daniella Nacad MD, Landy Luna Diaz MD, Alicia Henao Velasquez MD***

**13 Illustrated STEMI Procedures II – Basic STEMI Skills 223**

*Sameer Mehta MD, Tracy Zhang BS, Michael Schweitzer MD, Alexandra Ferre MD, Daniella Nacad MD, Landy Luna Diaz MD, Alicia Henao Velasquez MD*

**14 Illustrated STEMI Procedures III – Basic STEMI Skills 239, *Sameer Mehta MD, Tracy Zhang BS, Michael Schweitzer MD, Alexandra Ferre MD, Daniella Nacad MD, Landy Luna Diaz MD, Alicia Henao Velasquez MD***

**15 Remote Ischemic Conditioning for Acute Myocardial Infarction 255, *Hans Erik Botker MD PhD FACC FESC, Gerd Heusch MD FACC FESC FRCP***

### **Part III The STEMI Process 273**

**16 Reducing Door to Balloon Times 275, *Michel Le May MD, Joshua PY Loh MD***

**17 Pre-hospital Triage and Management 285, *Ivan Rokas MD***

**18 Creating Networks for Optimal STEMI Management 299, *David C. Lange MD, David M. Larson MD, David Hildebrandt RN, Timothy D. Henry MD***

**19 Pharmacoinvasive Management of STEMI 315, *Neeraj Bhalla MD***

### **Part IV Global STEMI Initiatives 325**

**20 Stent for Life: The European Perspective on STEMI Interventions 327, *Sasko Kedev MD PhD FESC FACC***

**21 Urban Combined Pharmacoinvasive Management of STEMI Patients as Antidote to Traffic in Large Metropolitan Cities 333**

*David G. Iosseliani MD FACC FESC*

**22 Lessons from the Puerto Rico Infarction National Collaborative Experience Initiative 343**

*Orlando Rodriguez Vila MD MMS FACC FSCAI, Jose Escabi Mendoza MD FACC, Fernando Lapetina Irizarry MD FACC, Miguel A. Campos Esteve MD FACC*

**23 The STEMI Care Program in China 357, *Yan Zhang MD, Yong Huo MD***

**24 STEMI INDIA 363, *Thomas Alexander MD, Ajit S Mullasari MD***

**25 The Role of Telemedicine in STEMI Interventions 371, *Roberto Vieira Botelho MD PhD, Sameer Mehta MD FACC MBA, Julius Cezar Q. Ladeira DDS MSc, Francisco Fernandez MBA, Marcio Sanches MD, Denis Fabiano de Souza RN, Wladimir Fernandes de Rezende MBA, Carlos Otavio Lara Pinheiro BSc***

**26 Innovative Telemedicine STEMI Protocols 379**

*Sameer Mehta MD FACC MBA, Roberto Vieira Botelho MD PhD, Freddy Bojanini MD, Juan Corral MD, Marco Perin MD, Maria Teresa Bedoya Reina MD, Juliana Giraldo MD, Laura Alvarez MD, Cindy Manotas MD, Sebastian Moreno MD, Sergio Reyes MD, Maria Botero Urrea MD*

## **Part V Future Perspectives 395**

**27 STEMI Interventions, Beyond the Culprit Lesion 397**

*Neil Ruparelia PhD MRCP, Antonio Colombo MD, Azeem Latib MD*

**28 Promising Technologies for STEMI Interventions 409**

*Joshua PY Loh MD, HC Tan*

**Index 421**