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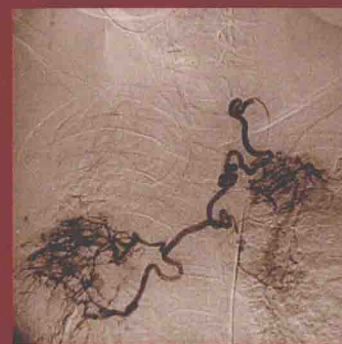
Embolization Therapy

Principles and Clinical Applications

Marcelo Guimaraes

Riccardo Lencioni

Gary P. Siskin



Wolters Kluwer

EMBOLOGIZATION THERAPY

Principles and Clinical Applications

MARCELO GUIMARAES, MD, FSIR

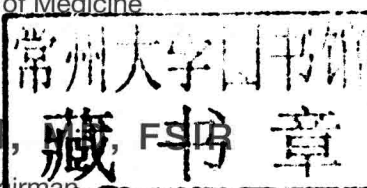
Associate Professor of Radiology and Surgery
Division of Vascular & Interventional Radiology
Medical University of South Carolina
Charleston, South Carolina

RICCARDO LENCIONI, MD, FSIR, EBIR

Professor and Division Director
Diagnostic Imaging and Intervention
Pisa University School of Medicine
Pisa, Italy

GARY P. SISKIN, MD, FSIR

Professor and Chairman
Department of Radiology
Albany Medical College
Albany, New York



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EMBOLIZATION THERAPY

*I dedicate this work to Mateus and Julia: In your pursuit of happiness,
include passion, persistence, and patience daily.
Rossana, thank you for your incredible perseverance and support.
Love all of you.*

M.G.

*To Dania and Elisabetta
Life is forever: don't let anyone or anything "embolize" your joy!
I love you*

R.L.

*I wish to thank my family for their constant support of my professional
endeavors and my partners for their ongoing patience with me.
Both have provided me with an enviable amount of
personal and professional fulfillment.*

G.S.

CONTRIBUTORS

Carlos Abath, MD

Chief
Department of Interventional Radiology
Instituto de Medicina Integral de Pernambuco
Recife, Brazil

Ashley Adamovich, MD

Resident in Radiology
Albany Medical Center
Albany, New York

Joshua D. Adams, MD

Assistant Professor
Department of Surgery and Radiology
Medical University of South Carolina
Charleston, South Carolina

Jaime All, MD

Division of Vascular and Interventional Radiology
Department of Radiology and Medical Imaging
University of Virginia Health System
Charlottesville, Virginia

Matthew E. Anderson, MD

Assistant Professor of Radiology
Interventional Radiology
University of Texas Southwestern Medical Center
Dallas, Texas

Michael Bret Anderson, MD

Assistant Professor
Division of Vascular and Interventional Radiology
Department of Radiology and Radiological Science
Medical University of South Carolina
Charleston, South Carolina

John F. Angle, MD

Professor of Radiology
Director, Division of Interventional Radiology
Department of Radiology and Medical Imaging
University of Virginia Health System
Charlottesville, Virginia

Yasuaki Arai, MD

Director, National Cancer Center Hospital
Chair, Department of Diagnostic Radiology
Tokyo, Japan

Bulent Arslan, MD

Associate Professor of Radiology
Department of Interventional Radiology
Rush University Medical Center
Chicago, Illinois

Raj Ayyagari, MD

Assistant Professor
Department of Radiology
Yale School of Medicine
Interventional Radiologist
Yale-New Haven Hospital
New Haven, Connecticut

Marcos Barbosa de Souza Júnior, MD

Specialization in Vascular Surgery by IMIP
Resident in Radiology Vascular and Interventional—
Angiorad
Recife, Brazil

James F. Benenati, MD

Clinical Associate Professor
Miami Cardiac and Vascular Institute
Miami, Florida

Goetz Benndorf, MD, PhD

Section Chief, Interventional Neuroradiology
Ben Taub General Hospital
Associate Professor
Department of Radiology
Baylor College of Medicine
Houston, Texas

Alan D. Birney, MD

Resident in Radiology
Albany Medical Center
Albany, New York

Pierre E. Bize, MD

Associate Physician
Clinical Sciences
University of Lausanne
Associate Physician
Radiodiagnostic Interventional Radiology
University Hospital of Lausanne CHUV
Lausanne, Switzerland

Austin Bourgeois, MD

Resident in Radiology
Department of Radiology
The University of Tennessee Graduate School of Medicine
Knoxville, Tennessee

Daniel B. Brown, MD

Professor of Radiology and Radiological Sciences
Director, Division of Interventional Oncology
Vanderbilt-Ingram Cancer Center
Nashville, Tennessee

Daniel C. Brown, MD

Department of Radiology and Radiological Sciences
Vanderbilt University
Nashville, Tennessee

Karen T. Brown, MD

Professor of Clinical Radiology
Department of Radiology
Weill Cornell Medical College
Attending Radiologist
Memorial Sloan Kettering Cancer Center
New York, New York

Patricia E. Burrows, MD

Professor of Radiology
Medical College of Wisconsin
Children's Hospital of Wisconsin
Milwaukee, Wisconsin

Theresa M. Caridi, MD

Assistant Professor of Vascular and Interventional Radiology
MedStar Georgetown University Hospital
Washington, DC

Francisco Cesar Carnevale, MD

Professor
Chief of Interventional Radiology
University of São Paulo Medical School
São Paulo, Brazil

Julius Chapiro, MD

Research Fellow
The Russell H. Morgan Department of Radiology and
Radiological Science
Division of Vascular and Interventional Radiology
The Johns Hopkins Hospital
Baltimore, Maryland

M. Imran Chaudry, MD

Associate Professor
Department of Radiology
Medical University of South Carolina
Charleston, South Carolina

Long Chen, MD, PhD

Department of Interventional Radiology
The First Affiliated Hospital of Soochow University
Suzhou, Jiangsu Province, China

John C. Dalfino, MD

Assistant Professor of Surgery
Albany Medical College
Albany, New York

Michael Darcy, MD

Professor of Radiology
Chief, Interventional Radiology
Mallinckrodt Institute of Radiology
Washington University in St. Louis
St. Louis, Missouri

Miguel A. De Gregorio, MD

Full Professor and Chairman of Radiology
University of Zaragoza
Chief of Interventional Radiology
Hospital Clínico Universitario Lozano Blesa
Zaragoza, Spain

Alban Denys, MD, Msc

Department of Radiology and Interventional Radiology
University Hospital of Lausanne CHUV
Lausanne, Switzerland

Ajita Deodhar, MD

Fellow, Interventional Radiology
Dotter Interventional Institute
Oregon Health & Science University Hospital
Portland, Oregon

Daniel Do, MD

Assistant Professor
Vascular & Interventional Radiology
University of Kentucky
Lexington, Kentucky

Rafael Duran, MD

The Russell H. Morgan Department of Radiology and
Radiological Science
Division of Vascular and Interventional Radiology
The Johns Hopkins Hospital
Baltimore, Maryland

Moneeb Ehtesham, MD

Department of Neurological Surgery
Vanderbilt University Medical Center
Nashville, Tennessee

Brian Funaki, MD, FSIR, FAHA, FCIRCE
Professor of Radiology
Chief, Section of Vascular and Interventional Radiology
The University of Chicago Medicine
Chicago, Illinois

Eric J. Gandras, MD, FSIR
Assistant Professor of Radiology
Hofstra North Shore-LIJ School of Medicine
Associate Chief
Division of Interventional Radiology
North Shore University Hospital at Manhasset
Manhasset, New York

John R. Gaughen, Jr, MD
Assistant Professor
Department of Radiology and Medical Imaging
University of Virginia Health System
Charlottesville, Virginia

Jean-François H. Geschwind
Professor of Radiology, Surgery, and Oncology
The Russell H. Morgan Department of Radiology and
Radiological Science
Division of Vascular and Interventional Radiology
The Johns Hopkins Hospital
Baltimore, Maryland

Craig R. Greben, MD, FSIR
Chief, Vascular and Interventional Radiology
North Shore University Hospital
North Shore-LIJ Medical Group
Associate Professor of Radiology and Surgery
Hofstra North Shore-LIJ School of Medicine
Manhasset, New York

Marcelo Guimaraes, MD, FSIR
Associate Professor of Radiology and Surgery
Division of Vascular & Interventional Radiology
Medical University of South Carolina
Charleston, South Carolina

Christopher Hannegan, MD
Assistant Professor of Radiology
Attending Physician
Director of the Interventional Radiology Fellowship
Program
Medical University of South Carolina
Charleston, South Carolina

Harris Hawk, MD
Fellow
Neuroendovascular Surgery
Medical University of South Carolina
Charleston, South Carolina

Ali Akber Hazari
Student
Royal College of Surgeons
Dublin, Ireland

Ryan M. Hickey, MD
Health Systems Clinician
Northwestern University Feinberg School of Medicine
Chicago, Illinois

Shinichi Hori, MD, PhD
Director and Chief Physician
Department of Radiology
Gate Tower Institute for Image Guided Therapy
Izumisano, Osaka, Japan

Mark D. Iafrati, MD, FACS
Chief of Vascular Surgery
Associate Professor of Surgery
Tufts Medical Center
Boston, Massachusetts

Robert F. James, MD
Associate Professor
Director, Vascular Neurosurgery
Department of Neurosurgery
University of Louisville School of Medicine
Louisville, Kentucky

Sanjeeva P. Kalva, MD, FSIR
Chief, Interventional Radiology
Associate Professor of Radiology
University of Texas Southwestern Medical Center
Dallas, Texas

Krishna Kandarpa, MD, PhD
Chief Scientific Officer
Executive Vice President, Research and Development
Delcath Systems, Inc.
New York, New York

John A. Kaufman, MD, MS
Director, Dotter Interventional Institute
Frederick S. Keller Professor of Interventional Radiology
Oregon Health & Science University Hospital
Portland, Oregon

Lawrence J. Keating, MD
Assistant Professor of Radiology
Albany Medical Center
Albany, New York

Imad S. Khan, MD

Department of Neurological Surgery
Vanderbilt University Medical Center
Nashville, Tennessee

Omid Kohannim, MD, PhD

Resident Physician
David Geffen School of Medicine at UCLA
Los Angeles, California

Alicia Laborda, DVM, PhD

Assistant Professor
University of Zaragoza
Senior Researcher
Group of Research in Minimally Invasive Techniques,
Government of Aragon
Zaragoza, Spain

Yann Lachenal, MD, EBIR

Senior Registrar
Interventional Radiology Unit
Radiodiagnostic and Interventional Radiology Department
University Hospital of Lausanne
Lausanne, Switzerland

Jonathan R. Lena, MD

Department of Neurosciences
Division of Neurosurgery
Medical University of South Carolina
Charleston, South Carolina

Riccardo Lencioni, MD, FSIR, EBIR

Professor and Division Director
Diagnostic Imaging and Intervention
Pisa University School of Medicine
Pisa, Italy

Robert J. Lewandowski, MD, FSIR

Associate Professor of Radiology
Section of Interventional Radiology
Northwestern University Feinberg School of Medicine
Chicago, Illinois

David Li MD, PhD

Assistant Professor
Weill Cornell Medical College
New York Presbyterian Hospital
New York, New York

Romaric Loffroy, MD, PhD

Professor
E2i Laboratory
Burgundy University
Chief, Department of Vascular and Interventional Radiology
Bocage Teaching Hospital
Dijon, France

Paul N. M. Lohle MD, PhD

Department of Radiology
St. Elisabeth Ziekenhuis
Tilburg, The Netherlands

William J. Mack, MD, MS

Assistant Professor of Neurosurgery
Keck School of Medicine
University of Southern California
Los Angeles, California

Laura MacNeil

Student
Biomedical Engineering
University of Guelph
Ontario, Canada

David C. Madoff, MD

Professor of Radiology
Chief, Division of Interventional Radiology
New York-Presbyterian Hospital/Weill Cornell Medical
Center
New York, New York

Romero Marques, MD

Interventional Radiologist
Angiorad—Interventional Radiology Group
Instituto de Medicina Integral Prof. Fernando Figueira
Recife, Brazil

Richard H. Marshall, MD

Division of Interventional Radiology
New York-Presbyterian Hospital/Weill Cornell Medical
Center
New York, New York

Lacey B. Martin, BS

Medical Student
Division of Neurosurgery, Department of Surgery
Brody School of Medicine at East Carolina University
Greenville, North Carolina

Justin McWilliams, MD

Assistant Professor
UCLA Interventional Radiology
Los Angeles, California

James C. Meek, DO

Interventional Radiologist
Department of Radiology
University of Arkansas for Medical Sciences
Little Rock, Arkansas

Mary E. Meek, MD

Director, HHT Center of Excellence
Director, Interventional Radiology
University of Arkansas for Medical Sciences
Little Rock, Arkansas

J Mocco, MD, MS

Associate Professor of Neurological Surgery
Department of Neurological Surgery
Vanderbilt University Medical Center
Nashville, Tennessee

Airton Mota Moreira, MD, PhD

Assistant of Interventional Radiology Section
University of Sao Paulo Medical School
Hospital Sirio Libanês
Sao Paulo, Brazil

Kieran Murphy, MB, FRCPC, FSIR

Professor of Radiology
Toronto Western Hospital
University Health Network
Toronto, Ontario, Canada

Tara Murray, EdM, RN, CCRN, CES

Albany Medical Center
Albany, New York

Gregory Nadolski, MD

Assistant Professor of Radiology
Interventional Radiology
Hospital of the University of Pennsylvania
Philadelphia, Pennsylvania

Jason J. Naidich, MD, MBA

Chairman, Department of Radiology
Hofstra North Shore-LIJ School of Medicine
Chairman, Department of Radiology
North Shore University Hospital at Manhasset
Manhasset, New York
Long Island Jewish Medical Center
New Hyde Park, New York

Rakesh C. Navuluri, MD

Assistant Professor of Radiology
Section of Vascular and Interventional Radiology
The University of Chicago Medicine
Chicago, Illinois

Bruno C. Odisio, MD

Assistant Professor
Division of Interventional Radiology
Department of Diagnostic Radiology
The University of Texas MD Anderson Cancer Center
Houston, Texas

Jose Luiz Orlando, MD

Department of Vascular and Interventional Radiology
A.C. Camargo Cancer Center
Sao Paulo, Brazil

Keigo Osuga, MD, PhD

Associate Professor
Department of Diagnostic and Interventional Radiology
Osaka University Graduate School of Medicine
Osaka, Japan

Jae Hyung Park, MD

Professor of Radiology
Gachon University Gil Medical Center
Professor Emeritus
Seoul National University
Seoul, South Korea

Sang Joon Park, MD

Professor
Intervention Chief
Department of Radiology
International St. Mary's Hospital
Catholic Kwandong University
Incheon, South Korea

Susie J. Park, MD

Resident in Radiology
Albany Medical Center
Albany, New York

Constantino S. Peña, MD

Interventional Radiologist
Miami Cardiac and Vascular Institute
Miami, Florida

Elena N. Petre, MD

Senior Research Scientist
Department of Radiology
Memorial Sloan Kettering Cancer Center
New York, New York

Jeffrey S. Pollak, MD

Robert I. White, Jr. MD Professor of Interventional
Radiology
Co-Section Chief
Vascular and Interventional Radiology
Yale University School of Medicine
New Haven, Connecticut

Marcus Presley, MD

Resident in Radiology
Department of Radiology and Radiological Sciences
Vanderbilt University
Nashville, Tennessee

Dheeraj K. Rajan, MD, FRCPC, FSIR

Head and Associate Professor
Division of Vascular and Interventional Radiology
Department of Medical Imaging
University of Toronto
University Health Network
Toronto, Ontario, Canada

Francisco Ramos, MD

Attending Physician
Hemangiomas and Vascular Malformations Center
A.C. Camargo Cancer Center
Sao Paulo, Brazil

Howard Richard, MD

Associate Professor
Department of Diagnostic Radiology and Nuclear Medicine
University of Maryland School of Medicine
University of Maryland Medical Center
Baltimore, Maryland

William S. Rilling, MD, FSIR

Professor of Radiology and Surgery
Division of Vascular Interventional Radiology
Medical College of Wisconsin
Director, Vascular Interventional Radiology
Froedtert Hospital
Milwaukee, Wisconsin

Wael E. Saad, MD, FSIR

Professor of Radiology
Director, Vascular and Interventional Radiology
University of Michigan Medical Center
Ann Arbor, Michigan

Riad Salem, MD, FSIR

Professor of Radiology, Medicine-Hematology/Oncology,
and Surgery-Organ Transplantation
Northwestern University Feinberg School of Medicine
Chicago, Illinois

Claudio J. Schönholz, MD

Professor of Radiology
Department of Radiology and Radiological Science
Medical University of South Carolina
Charleston, South Carolina

J. Bayne Selby, MD

Professor of Radiology
Director of Interventional Radiology
Department of Radiology and Radiological Science
Medical University of South Carolina
Charleston, South Carolina

Richard Shlansky-Goldberg, MD

Professor of Radiology, Surgery, and Obstetrics/Gynecology
Department of Radiology/Division of Interventional
Radiology
Perelman School of Medicine at the University of
Pennsylvania
Philadelphia, Pennsylvania

P. Sideras, MD, PhD

Research Fellow
Department of Radiology
Memorial Sloan Kettering Cancer Center
New York, New York

Sergio Sierre, MD, FSIR

Director Department of Interventional Radiology
Hospital de Pediatría "Prof. JP Garrahan"
Buenos Aires, Argentina

Gary P. Siskin, MD, FSIR

Professor and Chairman
Department of Radiology
Albany Medical College
Albany, New York

C. T. Sofocleous, MD, PhD, FSIR, FCIRSE

Professor of Radiology
Weill Cornell Medical College
Attending Physician, Interventional Radiology
MH Member; Memorial Sloan Kettering Cancer Center
New York, New York

Miyuki Sone, MD

Consultant Radiologist
Department of Diagnostic Radiology
National Cancer Center Hospital
Tokyo, Japan

James B. Spies, MD, MPH

Professor and Chair
Department of Radiology
Medstar Georgetown University Hospital
Washington, DC

Alejandro Spiotta, MD

Adjunct Professor
Department of Neurosurgery
Medical University of South Carolina
Charleston, South Carolina

S. William Stavropoulos, MD

Associate Professor of Radiology and Surgery
 Vice Chair of Clinical Operation
 Interventional Radiology Fellowship Program Director
 Department of Radiology
 Perelman School of Medicine at the University of
 Pennsylvania
 Philadelphia, Pennsylvania

Jordan C. Tasse, MD

Assistant Professor of Radiology
 Department of Interventional Radiology
 Rush University Medical Center
 Chicago, Illinois

Ulku Cenk Turba, MD

Associate Professor of Radiology
 Department of Interventional Radiology
 Rush University Medical Center
 Chicago, Illinois

Aquilla Turk, DO

Professor
 Departments of Radiology and Neurosurgery
 Medical University of South Carolina
 Charleston, South Carolina

Raymond Turner, MD

Associate Professor
 Department of Radiology
 Medical University of South Carolina
 Charleston, South Carolina

Andre Uflacker, MD

Resident Physician
 Division of Vascular and Interventional Radiology
 Department of Radiology and Medical Imaging
 University of Virginia Health System
 Charlottesville, Virginia

Luke R. Wilkins, MD

Assistant Professor
 Department of Radiology and Medical Imaging
 Division of Angiography and Interventional Radiology
 University of Virginia School of Medicine
 Charlottesville, Virginia

Ricardo Yamada, MD

Interventional Radiology Fellow
 Medical University of South Carolina
 Charleston, South Carolina

Chang Jin Yoon, MD, PhD

Associate Professor
 Department of Radiology
 Seoul National University College of Medicine
 Seoul, South Korea
 Seoul National University Bundang Hospital
 Seongnam, Gyeonggi-do, South Korea

Joseph J. Zechlinski, MD

Department of Radiology
 Froedtert and the Medical College of Wisconsin
 Milwaukee, Wisconsin

Joseph Zuniga, MD

Vascular Surgery Fellow
 Tufts Medical Center
 Boston, Massachusetts

FOREWORD

It is a great personal pleasure for me to write the Foreword to *Embolization Therapy*, the first book of its type dedicated to an important area of endovascular therapy and vascular intervention.

Although the field of embolotherapy has been continually growing since its early descriptions in the late 1960s and 1970s, it has truly exploded in importance and diversity in the past decade. In the early years of interventional therapy, vascular radiologists began to explore the use of the catheter as a therapeutic instrument not only to make diagnoses but also to deliver methods of therapy. These initially included drug therapy and then ultimately material to actually occlude blood vessels.

As with the entire field of interventional radiology, embolization therapy has had dramatic growth in the past 10 to 15 years, as the value of devascularization has grown. Additionally, technology available for embolization therapy has dramatically increased. The endovascular therapist today has the option of occluding vessels of every size from the microcirculation using liquid and/or microparticles to large vessels using dedicated vessel occluders, and any option of occluding blood flow is available.

The field of embolization therapy has also become associated with higher levels of scientific study to prove efficacy. Clever and innovative ideas have been substantiated in value by clinical studies providing high-quality data to support change in practice and convince colleagues from other disciplines of the value of embolization. The role in treating diseases as remote as hemorrhage and active bleeding to benign diseases such as uterine fibroids and angiomyolipomas as well as more complex diseases such as cancer and arteriovenous malformations has become undeniable.

As the world has become a smaller place, and the medical and interventional community has been able to communicate in ways never before possible, *Embolization Therapy* represents the greatest accumulation of authors from throughout the world to bring their experience in treating various diseases and using a great variety of embolic materials. The text is organized in a very practical way, by anatomic area as well as clinical activity, all of which represent increasing clinical importance in daily practice.

I'm certain this will be an extremely valuable text and reference for anyone practicing embolization therapy and is an important addition to the body of interventional literature.

My hardy congratulations to the three editors who brought together the most distinguished interventionalists in the world from multiple disciplines to contribute to this text.

Barry T. Katzen, MD

