

## Curriculum Vitae

### Mark A. Blum, MD, FACC, FSCAI

**Office Address:** Cardiology Associates of Morristown  
95 Madison Ave.  
Morristown, New Jersey 07960

**Office Phone:** 973 889-9001

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**Present Position:** Senior Clinical Cardiologist  
Morristown Memorial Hospital

Former Medical Director  
Cardiac Catheterization Laboratory  
1997-2003  
Morristown Memorial Hospital

#### **EDUCATION:**

1969-1973 University of New Mexico  
Albuquerque, New Mexico  
Bachelor of Arts

1977-1979 Columbia University  
New York, New York  
Pre-Medical Studies

1979-1981	Faculte Libre de Medicine Lille, France
1981-1983	Mount Sinai School of Medicine New York, New York Doctor of Medicine

**PROFESSIONAL EXPERIENCE:**

1989-present	Interventional Cardiologist Morristown Memorial Hospital Morristown, New Jersey
1988-1989	Interventional Cardiology Fellow Newark Beth Israel Hospital New Jersey
1986-1988	Cardiology Fellow Mount Sinai Medical Center New York, New York
1985-1986	Internal Medical Resident Mount Sinai Hospital New York, New York
1984-1985	Internal Medical Resident Montefiore Medical Center Bronx, New York
1983-1984	Internal Medical Intern Mount Sinai Hospital New York, New York

**CERTIFICATION/LICENSURE/RECOGNITIONS:**

Diplomate, American Board of Internal Medicine

Diplomate, American Board of Cardiovascular Disease

Fellow, American College of Cardiology

Fellow, Society for Cardiovascular Angiography and Interventions

Top Doctor Castle Connolly 10 Year Award

Top Doctor NJ Monthly

Top Doctor NJ Savvy

New Jersey License MA47663

New York License 159576

### **ACADEMIC APPOINTMENT:**

Assistant Clinical Professor of Medicine  
Mount Sinai School of Medicine  
New York, New York

Senior Faculty Member  
Gagnon Heart Hospital  
Morristown, New Jersey

### **RECOGNITIONS AND AWARDS**

### **PUBLICATIONS AND ABSTRACTS:**

1) Amar D, **Blum M**, Zhang H. Preoperative Heart Rate Recovery and Atrial Fibrillation After Cardiac Surgery. American Heart Association Scientific Sessions. November 11-14, 2001

2) Amar D, **Blum M**, Zhang H. Heart Rate Recovery on Preoperative Exercise Stress Testing and Post-CABG Atrial Fibrillation. American Society of Anesthesiology Annual Meeting 2001

3) Wong S, Cohen B, Papakodas S, **Blum M**, Mabudian M, Reisman M. NOGA electro-mechanical characteristics of non-ischemic cardiomyopathy. Journal of the American College of Cardiology 37(2) Supplement A, 207, 2001.

4) Cohen B, **Blum M**, Weber W, Kammona H. Rotational Atherectomy in Octogenarians: Results and Follow Up. American Journal of Geriatric Cardiology. 2000-9 (2)

- 5) **Blum M.**, Cohen B, Guss S, Ghandehari K., Cruz A, Banas J. Clinical-decision making guided by Biosense™ left ventricular mapping: International Journal of Cardiovascular Intervention 2: Supplement II-4, 1999
- 6) Cohen B., **Blum M.**, Guss S., Cruz A., Ghandehari K., Banas J. Electromechanical left ventricular mapping: the learning curve. Catheterization and Cardiovascular Interventions, 47(1): 140,1999.
- 7) Cohen B., Wang R., **Blum M.**, Weber V., Sternberg K., Daniels S., Banas J. CARAFE STUDY – Phase II: The nicardipine advantage. The American Journal of Cardiology, TCT-Supplement: 53, 1997.
- 8) Packer M, **Blum M** et al. Immediate and long-term Pathophysiologic Mechanism Underlying the Genesis of Sudden Death in Patients with Congestive Heart Failure. The American Journal of Medicine. March 1987:20-82 (3A)
- 9) Packer M, **Blum M** et al. Which Patients with Congestive Heart Failure have Malignant Arrhythmias, Potential Metabolic-Hormonal Interactions in High-Risk Subsets. Journal of the American College of Cardiology. Vol. 9. February 1987: 33 A.
- 10) Giove, Cohen, **Blum, et al.** Door to Balloon Time in ST-Elevation Myocardial Infarction and the Mode of Presentation-Atlantic Health Research Symposium 2008

## CLINICAL RESEARCH:

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| 1995-1997 | <b>DART:</b> <i>Dilation versus Ablation Revascularization Trial</i> . Sub -investigator. Morristown Memorial Hospital.  |
| 1995-1996 | <b>ESSENCE:</b> <i>The Efficacy and Safety of Subcutaneous Enoxaparin in Non-Q wave Coronary Events (unstable angina and non-Q wave MI) study</i> . Principal investigator. Overlook Hospital. |
| 1996-1997 | <b>SMART:</b> <i>Study of the Microstent's Ability to limit Restenosis Trial</i> . Sub- investigator. Morristown Memorial Hospital.  |

- 1996 – 1997 **CARAFE II** (*Cocktail Attenuation of Rotational Ablation Flow Effects*): The study of *nicardipine* as monotherapy in the ‘rotaflush’ solution. Sub-investigator. Morristown Memorial Hospital.
- 1997– 1998 **PaS Trial:** *Paragon Champion Stent Delivery System*. Sub- Investigator Morristown Memorial Hospital.
- 1998 - 2000 **DIRECT:** *DMR in Regeneration of Endomyocardial Channels Trial*. Sub- investigator. Morristown Memorial Hospital.
- 1998 – 1999 **NOGA Viability Project.** Sub-investigator. Morristown Memorial Hospital.
- 1999 **NICE I:** *National Investigators on Coronary Enoxaparin*. Principal investigator. Morristown Memorial Hospital. A study of enoxaparin during percutaneous coronary intervention.
- 2000 - **CARAFE III:** (*Cocktail Attenuation of Rotational Ablation Flow Effects*) study Phase III. A study of *tirofiban* during rotational atherectomy. Sub-investigator. Morristown Memorial Hospital.
- 2000 **S7 Stent Trial:** Sub- Investigator. Morristown Memorial Hospital.
- 2000 **NICE III:** *National Investigators on Coronary Enoxaparin III*. The study of combination therapy of enoxaparin and a glycoprotein IIb/ IIIa inhibitor in the treatment of acute coronary syndromes. Principal investigator. Morristown Memorial Hospital.
- 2000- **OAT:** *Occluded Artery Trial*. Principal investigator. Morristown Memorial Hospital.
- 2000-2001 **VESTA Study:** Saphenous vein graft intervention using the BX *VElocity STent* and *AngioGuard*. Sub-investigator. Morristown Memorial Hospital.
- 2001- **GUARD Study:** Saphenous Vein Graft Intervention Using *AngioGuard* for Reduction of

Distal Embolization. Sub-investigator. Morristown Memorial Hospital.

2001-2002

**GAMMA V:** Gamma Radiation for Instent Restenosis. Principal investigator. Morristown Memorial Hospital.

2001-

**The SIRIUS Trial:** A multicenter, randomized, double-blind study of the *SIROLIMUS*-Coated Bx VELOCITY™ Stent in the treatment of patients with *de novo* coronary artery lesions. Sub-investigator- Morristown Memorial Hospital.

2001-

**PROTOCOL CI-1023-007:** A Randomized, Double-Blind, Placebo-Controlled, Multicenter, 12-Week Follow-Up, Pilot Study of the Tolerability and Feasibility of Administering Ad<sub>GV</sub>VEGF<sub>121.10</sub> (CI-1023) via the Biosense Intramyocardial Injection Device to Patients With Advanced Coronary Artery Disease. Sub investigator- Morristown Memorial Hospital.

2001-

**FX MINIRAIL™ TRIAL PROTOCOL.** A Non-randomized, Multi-Center Registry Study to Evaluate the Safety and Clinical Effectiveness of the XTechnologies FX miniRAIL Balloon Catheter in Dilating Coronary Stenosis and Improving Myocardial Perfusion. Sub-investigator- Morristown Memorial Hospital.

2003-

**PREVENT IV.** A Phase III, Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial of the Ex Vivo Treatment with CGT003 of Coronary Vein Grafts in Patients Undergoing Coronary Artery Bypass Graft Procedures. Sub-investigator- Morristown Memorial Hospital.

2003

**SIRIUS-DIRECT.** Multi-Center, Non-randomized Study of the Sirolimus-Eluting BX Velocity Balloon Expandable Stent with Direct Stenting in The Treatment of Patients with De Novo Native Coronary Artery Lesions. Sub-investigator-

Morristown Memorial Hospital.

2008

**Medtronic Resolute US Clinical Trial.** Multi-Center. Clinical Evaluation of the Medtronic Endeavor Resolute Zotarolimus-Eluting Coronary Stent in Treatment of De Novo Coronary Lesions. Principal Investigator-Morristown Memorial Hospital.