



## Manuel Garcia-Toca MD, MS

Clinical Professor, Surgery - Vascular Surgery

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Stanford Vascular Surgery**

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**Tel** (650) 498-6044      **Fax** (650) 723-3639

- **Santa Clara Medical Center Dept of Surgery**

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- **O'Connor Hospital - Wound Care Clinic**

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### Bio

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#### BIO

Clinical Professor of Surgery

Chief, Division of Vascular Surgery at Santa Clara Valley Medical Center (SCVMC)

Dr. Garcia-Toca earned his medical degree at the Universidad Anahuac in Mexico 1999. He has a master's degree in Health Policy from Stanford University.

He received his general surgery training at the Massachusetts General Hospital and Brown University in 2008. He then completed a Vascular Surgery fellowship at Northwestern University in 2010. Dr. Garcia-Toca is board certified in both surgery and vascular surgery.

Dr. Garcia-Toca joined Stanford Vascular Surgery in 2015. He is currently Clinical Professor of Surgery in the Division of Vascular Surgery. Dr. Garcia-Toca had previously served as an Assistant Professor of Surgery at Brown University. Dr. Garcia Toca is the division chief of vascular surgery at Santa Clara Valley Medical Center in San Jose.

His research interests include new therapeutic strategies and outcomes for the management of vascular trauma, cerebrovascular diseases, dialysis access, aortic dissection, and aneurysms.

Specialties: Open and endovascular management of vascular trauma, aortic dissection, complex thoracic and abdominal aortic aneurysm disease, critical limb ischemia, extracranial cerebrovascular disease and dialysis access.

## CLINICAL FOCUS

- Vascular Surgery

## ACADEMIC APPOINTMENTS

- Clinical Professor, Surgery - Vascular Surgery
- Member, Cardiovascular Institute

## PROFESSIONAL EDUCATION

- M.S, Stanford University , Health Policy (2021)
- Residency: Brown University Surgery Residency (2008) RI
- Fellowship: Northwestern University Vascular Surgery Fellowship (2010) IL
- Residency: Massachusetts General Hospital Surgery Residency (2006) MA
- Internship: Cleveland Clinic Foundation Surgery Residency (2004) OH
- Board Certification: General Surgery, American Board of Surgery (2009)
- Medical Education: Universidad Anahuac (2000) Mexico
- Board Certification: Vascular Surgery, American Board of Surgery (2011)
- Board Certification, American Board of Surgery , Vascular Surgery (2011)
- Fellowship, Northwestern University, Feinberg School of Medicine (2010)
- Board Certification, American Board of Surgery , General Surgery (2009)
- Residency, Rhode Island Hospital, Brown University. , General Surgery (2008)
- Residency, Massachusetts General Hospital (2006)
- Internship, Cleveland Clinic Foundation (2004)
- Residency, Instituto Nacional de Ciencias Médicas Salvador Zubiran, Mexico (2003)
- Medical Education, Universidad Anahuac, Mexico (1999)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Open and endovascular management of vascular trauma, aortic dissection, complex thoracic and abdominal aortic aneurysm disease, critical limb ischemia, extracranial cerebrovascular disease and dialysis access.

## Publications

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### PUBLICATIONS

- **Intraoperative heparin use is associated with reduced mortality without increasing hemorrhagic complications after thoracic endovascular aortic repair for blunt aortic injury.** *Journal of vascular surgery*  
Ho, V. T., George, E. L., Rothenberg, K. A., Lee, J. T., Garcia-Toca, M., Stern, J. R.  
2020

- **Cost-effectiveness Analysis of Ankle-Brachial Index Screening in Patients With Coronary Artery Disease to Optimize Medical Management**  
Minami, H., Itoga, N. K., George, E. L., Garcia-Toca, M.  
MOSBY-ELSEVIER.2020: E250
- **The Effect of Interfacility Transfer in Patients With Blunt Thoracic Aortic Injury**  
Rothenberg, K. A., George, E. L., Ho, V., Barreto, N. B., Lee, J. T., Garcia-Toca, M., Stern, J. R.  
MOSBY-ELSEVIER.2020: E167
- **Intraoperative Heparin Use Is Associated With Reduced Inpatient Mortality After Thoracic Endovascular Aortic Repair for Blunt Aortic Injury**  
Ho, V., Rothenberg, K. A., George, E. L., Lee, J. T., Garcia-Toca, M., Stern, J. R.  
MOSBY-ELSEVIER.2020: E99
- **Analysis of Medicare Payments for Preoperative Imaging Before Carotid Endarterectomy**  
Itoga, N. K., Martinez-Singh, K., Harris, J., Lee, J. T., Baker, L., Garcia-Toca, M.  
MOSBY-ELSEVIER.2020: E17–E18
- **Delayed Carotid Endarterectomy After Admission in Symptomatic Carotid Artery Disease Is Associated With Lower Postoperative Stroke Rates in the Medicare Population**  
Itoga, N., Tsantilas, P., Garcia-Toca, M., Harris, J.  
MOSBY-ELSEVIER.2019: E86–E87
- **Cost-Effectiveness Analysis of Fenestrated Endovascular Aneurysm Repair Compared With Open Surgical Repair for Patients With Juxtarenal Abdominal Aortic Aneurysms**  
George, E. L., Nardacci, L., Sinawang, P., Rao, I., Owens, D. K., Garcia-Toca, M.  
MOSBY-ELSEVIER.2019: E244–E245
- **Oakes Salvage Procedure Is a Better, More Durable Option Compared With Forearm Loop Expanded Polytetrafluoroethylene Graft to Preserve Forearm Dialysis Access in Patients With Failing Brescia-Cimino Fistula**  
Lavingia, K., Dua, A., Colvard, B., Itoga, N. K., Deslarzes-Dubuis, C., Garcia-Toca, M., Sorial, E.  
MOSBY-ELSEVIER.2019: E242–E243
- **Secondary interventions in patients with implantable cardiac devices and ipsilateral arteriovenous access. *Journal of vascular surgery***  
Dua, A., Rothenberg, K. A., Mikkineni, K., Sgroi, M. D., Sorial, E., Toca, M. G.  
2019
- **Arteriovenous Fistula and Graft Construction in Patients with Implantable Cardiac Devices: Does Side Matter?**  
Sgroi, M. D., McFarland, G., Itoga, N. K., Sorial, E., Garcia-Toca, M.  
ELSEVIER SCIENCE INC.2019: 66–71
- **Long-term durability of Oakes salvage procedure to preserve Brescia-Cimino arteriovenous fistula. *Journal of vascular surgery***  
Dua, A. n., Rothenberg, K. A., Lavingia, K. n., Oakes, D. D., Sorial, E. n., Garcia-Toca, M. n.  
2019
- **"Investigation of an Immunogenetic profile in patients with Abdominal Aortic Aneurysms and possible applications in screening and surveillance". *Annals of vascular surgery***  
Anaya-Ayala, J. E., Escamilla-Tilch, M. n., Granados, J. n., Hernandez-Dono, S. n., Hernandez-Sotelo, K. n., Lozano-Corona, R. n., Ruiz-Gomez, D. n., Garcia-Toca, M. n., Hinojosa, C. A.  
2019
- **Arteriovenous Fistula and Graft Construction in Patients with Implantable Cardiac Devices: Does Side Matter? *Annals of vascular surgery***  
Sgroi, M. D., McFarland, G., Itoga, N. K., Sorial, E., Garcia-Toca, M.  
2018
- **Comparison of Bovine Carotid Xenograft Versus Expanded Polytetrafluoroethylene Grafts for Forearm Loop Hemodialysis Access**  
Colvard, B., Lavingia, K., Ho, V. T., Itoga, N., Dua, A., Harris, E., Me, M., Sorial, E., Garcia-Toca, M.  
MOSBY-ELSEVIER.2018: E35
- **Secondary Interventions in Patients With Implantable Cardiac Devices and Ipsilateral Arteriovenous Access**  
Dua, A., Sgroi, M., Lavingia, K., Rothenberg, K. A., Mikkineni, K., Sorial, E., Garcia-Toca, M.  
MOSBY-ELSEVIER.2018: E6–E7

- **Comparison of Secondary Intervention Rates in Patients With Implantable Cardiac Devices and Ipsilateral Versus Contralateral Arteriovenous Access** Dua, A., Sgroi, M., Lavingia, K., Rothenberg, K. A., Sorial, E., Garcia-Toca, M. MOSBY-ELSEVIER.2018: E125
- **Mycotic Renal Artery Aneurysm Presenting as Critical Limb Ischemia in Culture-Negative Endocarditis** *CASE REPORTS IN SURGERY* Vy Thuy Ho, Itoga, N. K., Wu, T., Sorial, E., Garcia-Toca, M. 2018: 7080813
- **Post-operative infections are associated with increased risk of cardiac events in vascular patients.** *Annals of vascular surgery* Chun, T. T., Garcia-Toca, M., Eng, J. F., Slaiby, J., Marcaccio, E. J., Cioffi, W. G., Heffernan, D. S. 2017
- **Open Revascularization Procedures Are More Likely to Influence Smoking Reduction Than Percutaneous Procedures** *ANNALS OF VASCULAR SURGERY* Rajaei, S., Cherkassky, L., Marcaccio, E. J., Carney, W. I., Chong, T. T., Garcia-Toca, M., Slaiby, J. M. 2014; 28 (4): 990-998
- **A 14-year experience with blunt thoracic aortic injury.** *Journal of vascular surgery* Watson, J., Slaiby, J., Garcia Toca, M., Marcaccio, E. J., Chong, T. T. 2013; 58 (2): 380-385
- **Primary Extracranial Vertebral Artery Aneurysms** *ANNALS OF VASCULAR SURGERY* Morasch, M. D., Phade, S. V., Naughton, P., Garcia-Toca, M., Escobar, G., Berguer, R. 2013; 27 (4): 418-423
- **Endovascular Repair of Mycotic Aneurysm of the Descending Thoracic Aorta** *ANNALS OF VASCULAR SURGERY* Johnstone, J. K., Slaiby, J. M., Marcaccio, E. J., Chong, T. T., Garcia-Toca, M. 2013; 27 (1): 23-28
- **Escherichia coli primary aortitis presenting as sequelae of incompletely treated urinary tract infection** *JOURNAL OF VASCULAR SURGERY* Johnstone, J. K., Garcia-Toca, M., Slaiby, J. M., Marcaccio, E. J., Chong, T. T. 2012; 55 (6): 1779-1781
- **Are Carotid Stent Fractures Clinically Significant?** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY* Garcia-Toca, M., Rodriguez, H. E., Naughton, P. A., Keeling, A., Phade, S. V., Morasch, M. D., Kibbe, M. R., Eskandari, M. K. 2012; 35 (2): 263-267
- **Emergent Repair of Acute Thoracic Aortic Catastrophes A Comparative Analysis** *ARCHIVES OF SURGERY* Naughton, P. A., Park, M. S., Morasch, M. D., Rodriguez, H. E., Garcia-Toca, M., Wang, C. E., Eskandari, M. K. 2012; 147 (3): 243-249
- **Does a Contralateral Carotid Occlusion Adversely Impact Carotid Artery Stenting Outcomes?** *ANNALS OF VASCULAR SURGERY* Keldahl, M. L., Park, M. S., Garcia-Toca, M., Wang, C. E., Kibbe, M. R., Rodriguez, H. E., Morasch, M. D., Eskandari, M. K. 2012; 26 (1): 40-45
- **Endovascular Treatment of Delayed Type 1 and 3 Endoleaks** *CARDIOVASCULAR AND INTERVENTIONAL RADIOLOGY* Naughton, P. A., Garcia-Toca, M., Rodriguez, H. E., Keeling, A. N., Resnick, S. A., Eskandari, M. K. 2011; 34 (4): 751-757
- **Complicated Acute Type B Thoracic Aortic Dissections: Endovascular Treatment For Visceral Malperfusion And Pseudoaneurysms** *VASCULAR AND ENDOVASCULAR SURGERY* Naughton, P. A., Garcia-Toca, M., Matsumura, J. S., Rodriguez, H. E., Morasch, M. D., Resnick, S. A., Eskandari, M. K. 2011; 45 (3): 219-226
- **Intimal angiosarcoma causing abdominal aortic rupture** *JOURNAL OF VASCULAR SURGERY* Naughton, P. A., Wandling, M., Phade, S., Garcia-Toca, M., Carr, J. C., Rodriguez, H. E. 2011; 53 (3): 818-821
- **Techniques in endovascular aneurysm repair.** *International journal of vascular medicine* Phade, S. V., Garcia-Toca, M., Kibbe, M. R. 2011; 2011: 964250-?

- **Regulatory TEVAR clinical trials** *JOURNAL OF VASCULAR SURGERY*  
Garcia-Toca, M., Eskandari, M. K.  
2010; 52: 22S-25S
- **Carotid Artery Reconstruction for Infected Carotid Patches** *EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY*  
Naughton, P. A., Garcia-Toca, M., Rodriguez, H. E., Pearce, W. H., Eskandari, M. K., Morasch, M. D.  
2010; 40 (4): 492-498
- **Zone I Gunshot Neck Injury Treated with Common Carotid and Esophageal Stent Grafts** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*  
Garcia-Toca, M., Hayman, A., Naughton, P., Blum, M. G., Eskandari, M. K.  
2010; 21 (9): 1448-1451
- **Endovascular Repair of Blunt Traumatic Thoracic Aortic Injuries Seven-Year Single-Center Experience** *ARCHIVES OF SURGERY*  
Garcia-Toca, M., Naughton, P. A., Matsumura, J. S., Morasch, M. D., Kibbe, M. R., Rodriguez, H. E., Pearce, W. H., Eskandari, M. K.  
2010; 145 (7): 679-683
- **Eight-year institutional review of carotid artery stenting** *JOURNAL OF VASCULAR SURGERY*  
Eskandari, M. K., Usman, A. A., Garcia-Toca, M., Matsumura, J. S., Kibbe, M. R., Morasch, M. D., Rodriguez, H. E., Pearce, W. H.  
2010; 51 (5): 1145-1151
- **Endovascular Repair of Complicated Type B Aortic Dissection Following Coronary Artery Bypass Grafting** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*  
Naughton, P. A., Garcia-Toca, M., Eskandari, M. K.  
2010; 21 (3): 403-405
- **Predictors of shunt during carotid endarterectomy with routine electroencephalography monitoring** *JOURNAL OF VASCULAR SURGERY*  
Tan, T., Garcia-Toca, M., Marcaccio, E. J., Carney, W. I., Machan, J. T., Slaiby, J. M.  
2009; 49 (6): 1374-1378
- **Relative adrenal insufficiency in the adult burn intensive care unit: A report of four cases** *BURNS*  
Goverman, J., Garcia-Toca, M., Sheridan, R. L., Ryan, C. M.  
2008; 34 (3): 421-424