

University of Minnesota Medical School Curriculum Vitae

JAFAR GOLZARIAN M.D.

Professional Address:

Mayo B228 / MMC 292
 420 Delaware Street SE
 Minneapolis, MN 55455
 Phone: (612) 625-5147
 Fax: (612) 626-5505
 jafar@umn.edu

Education

Candidate in Medical Sciences, <i>Cum laude</i> , University of Brussels School of Medicine, Brussels, Belgium	1984
Medical Doctor (MD), <i>Magna cum laude</i> , University of Brussels School of Medicine Brussels, Belgium	1988
Residency in Radiology (Summa Cum Laude) Erasme Hospital, University of Brussels School of Medicine, Brussels, Belgium Radiology	1988 - 1993
Interventional Radiology Fellowship Erasme Hospital, University of Brussels School of Medicine, Brussels, Belgium Interventional Radiology	1993 - 1994

Licenses and Certifications

American Board of Radiology - CAQ Interventional Radiology (56461)	2014 - Present
American Board of Radiology (56461)	2012 - Present
Minnesota Medical License (50506)	2008 - Present
ECFMG (0-419-299-3)	2007 - Present
DEA, United States Department of Justice, Drug Enforcement Administration (BG8313796)	2003 - Present

Academic Appointments

Professor, with tenure University of Minnesota Department of Radiology	2008 - Present
Professor University of Iowa Vascular and Interventional Radiology	2003 - 2008
Associate Professor University of Brussels Vascular and Interventional Radiology	1998 - 2002
Assistant Professor University of Brussels Vascular and Interventional Radiology	1994 - 1998

Academic Administrative Appointments

Vascular and Interventional Radiology System Wide Director MHealth, University of Minnesota	2019 - Present
Vice Chair of Academic and Faculty Affairs University of Minnesota Medical School	2019 - Present
Member, Medical School Promotion and Tenure Committee	2017 - Present
Division Director University of Minnesota, Department of Radiology, Vascular and Interventional Radiology and Cardiac	2008 - Present
Division Director University of Iowa Vascular and Interventional Radiology	2005 - 2008
Fellowship Director University of Iowa Vascular and Interventional Radiology	2003 - 2005
Director and Division Head University of Brussels Vascular and Interventional Radiology	1995 - 2003

Clinical/Hospital Appointments

Staff Physician University of Minnesota Medical Center - Fairview	2008 - Present
--	----------------

Current Membership in Professional Organizations

President (appointed 2019), Association of the Chiefs of Interventional Radiology (ACIR) Board Member and Co-founder	2014 - Present
Founder and Board of Directors, Global Embolization Symposium and Technologies (GEST)	2007 - Present
Radiological Society of North America (RSNA)	2007 - Present
European Congress of Radiology (ECR)	1995 - Present
Fellow, Society of Cardiovascular and Interventional Radiology of Europe (SCVIR)	1995 - Present
Standard Committee, Society of Interventional Radiology (SIR) Annual Meeting Committee	1995 - Present
Société Belge de Gastroentérologie, Corresponding Member	1994 - Present
Société Française de Radiologie	1994 - Present
Société Royale Belge de Radiologie	1994 - Present

Visiting Professorships or Visiting Scholar Positions

Visiting Professor, Visiting Professorship University of Montreal, Interventional Radiology	June 2019
Visiting Professor, Visiting Professorship Hofstra/North Shore School of Medicine	January 2017
Visiting Professor, Visiting Scholar Rush University	November 2014
Visiting Professor, Visiting Scholar Yale University	October 2014

Visiting Professor, Visiting Scholar Georgetown University	February 2011
Visiting Professor, Visiting Scholar Harvard (Mass General and Brigham)	February 2011
Visiting Professor of Radiology (Medical Student s), Visiting Scholar University of Brussels	2004 - 2006
Visiting Professor, Visiting Scholar UMDN, New Jersey	May 2005
Visiting Scholar, Visiting Scholar University of Shiraz	November 2004
Visiting Professor, Visiting Scholar McGill University	June 2002
Visiting Professor, Visiting Scholar University of Iowa	June 2002

Other Professional Positions

Co-Founder LaForce group consulting	2016 - Present
Co-Founder EmboCoh, Non profit educational company for training and registries	2014 - Present
Co-Founder and Chief Medical Officer Embomedics. A University of Minnesota Startup to develop a new enerationof resorbable embolic agents	2012 - Present
Co-Founder and President International Training and Research in Embolization (Intrem) Company	2008 - Present
Co-Founder Global Embolization Symposium and Technologies (GEST)	2007 - Present

HONORS AND AWARDS FOR RESEARCH WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE

University of Minnesota

University of Minnesota Innovation Award	2017
Amplatz Chair in Interventional Radiology, University of Minnesota	2016
ODAT Translational Grant Award, University of Minnesota	2012
Malcolm B. Hanson Chair in Radiology, University of Minnesota	2005

External Sources

President, Association of the Chiefs of Interventional Radiology	2019
Best Doctor in USA, US News and World Report	2018
International Honorary Member, "Chinese Medical Doctor Association, Chinese College of Interventionalists" The Annual Meeting of Chinese College of Interventionalists (CCIR)	2018
Top Doctor Award, Minnesota Monthly	2018
Keynote Speaker Award, Japanese Society of Interventional Radiology	2016
Best Original Scientific Research poster award, Society of Interventional Radiology	2015

Gold Medal, Association of Vascular and Interventional Radiographers	2015
Gold Medal, Iranian Society of Radiology	2014
Honorary Member, Belgian Society of Radiology	2014
Fellow, Society of Interventional Radiology	2013
Certificate of Merit, Radiological Society of North America	2005
New Clinical Initiative Award: Multidisciplinary Uterine Fibroid Clinic, University of Iowa	2005
Certificate of Merit, Society of Interventional Radiology	2004
Certificate of Merit, American Roentgen Ray Society	1998
Certificate of Merit, Radiological Society of North America	1998
Fellow, Society of Cardiovascular and Interventional Radiology of Europe	1998
Fellow, Society of Cardiovascular and Interventional Radiology of Europe	1997

RESEARCH AND SCHOLARSHIP

Awards and Projects Routed through Sponsored Projects Administration (External Sources)

Current:

1. **Award: A Prospective, Multi-Center, Single-Arm, Real World Study Assessing the Clinical Use of the Caterpillar Arterial Embolization Device for Arterial Embolization in the Peripheral Vasculature (MONARCH)**

Principal Investigator: Golzarian, Jafar

Sponsoring Organization Reference ID: BPV-18-001

Status: Accepted

Sponsoring Organization: BARD PERIPHERAL VASCULAR, INC

Award Dates: July 1, 2020 - June 30, 2022

Project: A Prospective, Multi-Center, Single-Arm, Real World Study Assessing the Clinical Use of the Caterpillar Arterial Embolization Device for Arterial Embolization in the Peripheral Vasculature (MONARCH)

Project Team: Jafar Golzarian (Principal)

Status: Approved

Project Dates: July 1, 2020 - June 30, 2022

2. **Award: Inflammation and Antiretroviral Pharmacology in the Female Genital Tract**

Principal Investigator: Golzarian, Jafar

Sponsoring Organization Reference ID: SIRTEX MEDICAL INC.

Status: Accepted

Sponsoring Organization: SIRTEX MEDICAL US HOLDINGS, INC

Award Dates: May 1, 2016 - October 9, 2021

Project: Inflammation and Antiretroviral Pharmacology in the Female Genital Tract

Project Team: Jafar Golzarian (Principal), Jafar Golzarian (Principal)

Status: Approved

Project Dates: May 1, 2016 - October 9, 2021

3. **Award: Immunomodulatory affects of radioembolization: a prospective study of peripheral monocyte modulation, immune cell infiltration, and cytokine variation.**

Principal Investigator: Young, Shamar J.

Sponsoring Organization Reference ID: RSD2031

Status: Accepted
Sponsoring Organization: RADIOLOGICAL SOC OF NORTH AMERICA
Award Dates: July 1, 2020 - June 30, 2021

Project: Immunomodulatory affects of radioembolization: a prospective study of peripheral monocyte modulation, immune cell infiltration, and cytokine variation.

Project Team: Jafar Golzarian (Co-Investigator), Emil Lou (Co-Investigator), Evidio Domingo Musibay (Co-Investigator), Shamar Young (Principal)
Status: Approved
Project Dates: July 1, 2020 - June 30, 2021

Pending:

1. **Proposal: Immunomodulation of T1 RRC: a prospective observational comparison of two treatments.**
Role: Co-Investigator
Proposal ID: CON000000090957
Status: Submitted
Sponsoring Organization: SIR FOUNDATION
Date Submitted: December 30, 2020
2. **Proposal: Radioembolizations impact on the immune system: a prospective study of peripheral monocyte modulation, immune cell infiltration, and cytokine variation**
Role: Co-Investigator
Proposal ID: CON000000084460
Status: Submitted
Sponsoring Organization: SIR FOUNDATION
Date Submitted: December 26, 2019

Past:

1. **Award: Prostate Artery Embolization for the Treatment of Lower Urinary Symptoms related to Benign Prostatic Hyperplasia: Safety and effectiveness study followed by a prospective randomized multicent**
Project Investigators: Golzarian, Jafar
Status: Funded
Sponsoring Organization: SIR Foundation Funding Source Development Grant Agreement
Award Dates: November 1, 2013 - October 30, 2014
Funded Amount for Entire Grant Period or Proposed Grant Period: \$23,787.00
Co-PI
2. **Award: Prostatic Artery Embolization for the Treatment of Lower Urinary Symptoms Related to Benign Prostatic Hyperplasia: Safety and Effectiveness Study Followed by a Prospective Randomized Multicenter Clinical Study Comparing PAE to Sham Procedure**
Principal Investigator: Golzarian, Jafar
Sponsoring Organization Reference ID: Funding Source Development Grant
Status: Closed
Sponsoring Organization: SIR FOUNDATION
Award Dates: November 1, 2013 - October 30, 2014

Grant Number: 38513

Project: Prostatic Artery Embolization for the Treatment of Lower Urinary Symptoms Related to Benign Prostatic Hyperplasia: Safety and Effectiveness Study Followed by a Prospective Randomized Multicenter Clinical Study Comparing PAE to Sham Procedure

Project Team: Jafar Golzarian (Principal), Jafar Golzarian (Principal)

Status: Closed - Pending Final Close

Project Dates: November 1, 2013 - October 30, 2014

3. **Award: A Hemodynamic Simulation Model Assisting Liver Embolotherapy Based on Anatomical Reconstruction of Hepatic Microvasculature**

Project Investigators: Golzarian, Jafar

Status: Funded

Sponsoring Organization: SIR Foundation Allied Scientist Training Grant

Award Dates: July 1, 2011 - June 30, 2013

Funded Amount for Entire Grant Period or Proposed Grant Period: \$40,000.00

4. **Award: Bioresorbable hydrogel microspheres for temporary transcatheter arterial embolization**

Principal Investigator: Weng, Lihui

Sponsoring Organization Reference ID: SIR Ref no: 001612

Status: Closed

Sponsoring Organization: SIR FOUNDATION

Award Dates: June 1, 2011 - September 15, 2012

Total project period: \$25,000

Project: Bioresorbable Hydrogel Microspheres for Temporary Transarterial Embolization

Project Team: Lihui Weng (Principal), Jafar Golzarian, Lihui Weng (Principal), Jafar Golzarian, Lihui Weng (Principal)

Status: Closed - Pending Final Close

Project Dates: June 1, 2011 - September 15, 2012

5. **Award: A Hemodynamic Simulation Model Assisting Liver Embolotherapy Based on Anatomical Reconstruction of Hepatic Microvasculature**

Project Investigators: Golzarian, Jafar

Status: Funded

Sponsoring Organization: RSNA Research medical student grant

Award Dates: March 20, 2012 - July 8, 2012

Funded Amount for Entire Grant Period or Proposed Grant Period: \$3,000.00

Co-Investigator

PI: Hsiang-Jer Tseng

6. **Award: Comparative Study of Doxorubicin-Loaded Drug Eluting Beads: An in vitro evaluation**

Sponsoring Organization Reference ID: Grant No. RMS1232

Status: Closed

Sponsoring Organization: RADIOLOGICAL SOC OF NORTH AMERICA

Award Dates: January 30, 2012 - April 6, 2012

Total project period: \$3,000
Grant Number: 29388

Project: Comparative Study of Doxorubicin-Loaded Drug Eluting Beads: An in vitro evaluation

Project Team: Hsiang-Jer Tseng (Principal), Jafar Golzarian (Co-Investigator),
Hsiang-Jer Tseng (Principal)
Status: Closed - Pending Final Close
Project Dates: January 30, 2012 - April 6, 2012

7. Award: Bioresorbable hydrogel microspheres for temporary transcatheter\arterial embolization

Project Investigators: Golzarian, Jafar
Status: Funded
Sponsoring Organization: 2011 SIR Foundation Pilot Research Grant
Award Dates: June 1, 2011 - September 30, 2011
Funded Amount for Entire Grant Period or Proposed Grant Period: \$25,000.00
Co-Investigator
PI: Lihui Weng

8. Award: Prospective SecurAath Subcutaneous Securement Clinical Trial

Principal Investigator: Golzarian, Jafar
Sponsoring Organization Reference ID: Protocol No. 1180-001 Version 2.1
Status: Closed
Sponsoring Organization: INTERRAD MEDICAL INC
Award Dates: April 27, 2009 - April 26, 2010
Annual Project Period: \$28,633.55
Grant number: 10859

Project: Prospective SecurAath Subcutaneous Securement Clinical Trial

Project Team: Jafar Golzarian (Principal)
Status: Closed - Pending Final Close
Project Dates: April 27, 2009 - April 26, 2010

9. Award: Image and model-based analysis of lung disease

Project Investigators: Golzarian, Jafar
Status: Funded
Sponsoring Organization: NIH
Award Dates: September 1, 2004 - August 31, 2009
Funded Amount for Entire Grant Period or Proposed Grant Period: \$1,476,786.00
Co-PI
PI: Hoffman E
Grant Number: R01 HL64368-01

10. Award: SHIP Study (A multicentre, randomized, controlled trial of fresh frozen plasma or no therapy prior to invasive hepatobiliary procedures)

Award ID: 1 U01 HL72028-1
Project Investigators: Golzarian, Jafar (Co-Investigator)
Status: Funded

Sponsoring Organization: NIH
Award Dates: 2008
Funded Amount for Entire Grant Period or Proposed Grant Period: \$2,180,395.00

11. **Award: Study of design variables of the endovascular graft**
Project Investigators: Golzarian, Jafar
Status: Funded
Sponsoring Organization: NIH/NCI
Award Dates: February 1, 2006 - November 30, 2008
Funded Amount for Entire Grant Period or Proposed Grant Period: \$150,000.00
Co-Investigator
PI: Raghavan, M.L.
Grant Number: R15 HL087642-01
12. **Award: Bolus-chasing CT angiography using adaptive control techniques**
Project Investigators: Golzarian, Jafar
Status: Funded
Sponsoring Organization: NIH/NCI
Award Dates: April 1, 2004 - March 31, 2008
Funded Amount for Entire Grant Period or Proposed Grant Period: \$1,398,563.00
Co-PI
PI: Wang G
Grant Number: EB004287-01

Other Grants, Awards, Gifts, or Endowment Earnings (Internal Sources)

Past:

1. **Award: Antibody-loaded bioresorbable microspheres with layer-by-layer coating for arterial chemoembolization**
Project Investigators: Golzarian, Jafar (Principal)
Status: Funded
Sponsoring Organization: University of Minnesota Innovation Award
Award Dates: May 2017 - April 2018
Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00
2. **Award: Thermosetting Biocompatible Hydrogels as Novel Embolic Agents for Transcatheter Vascular Embolization**
Project Investigators: Golzarian, Jafar (Principal)
Status: Funded
Sponsoring Organization: University of Minnesota Innovation Award
Institution: University of Minnesota Innovation Award
Award Dates: May 2017 - April 2018
Funded Amount for Entire Grant Period or Proposed Grant Period: \$10,000.00
3. **Award: Pharmacokinetic and safety of doxorubicin-elutable bioresorbable microspheres in a rabbit model of hepatic arterial embolization**
Project Investigators: Golzarian, Jafar
Status: Funded
Sponsoring Organization: 2012 ODAT Translational Grant

Institution: University of Minnesota

Award Dates: June 15, 2012 - June 14, 2013

Funded Amount for Entire Grant Period or Proposed Grant Period: \$50,000.00

Publications

Peer-Reviewed Publications

1. Bilhim, T., **Golzarian, J.**, & van Delden, O. M. (2021). Trans-Arterial Embolization for Liver Hemangiomas: It's a New Dawn; It's a New Day; It's a New Life? *Cardiovascular and interventional radiology*, 44(1), 92-94. PMID: 33205292 doi: [10.1007/s00270-020-02707-y](https://doi.org/10.1007/s00270-020-02707-y)
2. Rostambeigi, N., Farsad, K., Young, S., Shrestha, P., Jahangiri, Y., Liang, K. W., Cretcher, M., & **Golzarian, J.** (2021). Lower-Extremity Edema Is Common after Transjugular Intrahepatic Portosystemic Shunt Creation and Is Associated with Lower Survival: A Two-Institution Study. *Radiology*, 298(1), 221-227. PMID: 33201792 doi: [10.1148/radiol.2020201690](https://doi.org/10.1148/radiol.2020201690)
3. **Golzarian, J.** (2020). Visibility and Resorption: Are These Features Important? *Cardiovascular and interventional radiology*. PMID: 33211163 doi: [10.1007/s00270-020-02616-0](https://doi.org/10.1007/s00270-020-02616-0)
4. Young, S., Gasparetto, A., Jalaeian, H., & **Golzarian, J.** (2020). Biomarkers in the setting of benign prostatic hyperplasia-induced lower urinary tract symptoms: what an interventional radiologist needs to know. *The British journal of radiology*, 93(1114), 20200484. PMID: 32706988 doi: [10.1259/bjr.20200484](https://doi.org/10.1259/bjr.20200484)
5. Murgo, S., Lheureux, O., Taccone, F., Vouche, M., & **Golzarian, J.** (2020). Haemoptysis treated by bronchial artery embolisation in severe acute respiratory syndrome coronavirus 2: case report. *CVIR endovascular*, 3(1), 61. PMID: 32889589 doi: [10.1186/s42155-020-00154-x](https://doi.org/10.1186/s42155-020-00154-x)
6. Young, S., & **Golzarian, J.** (2020). Prostate Artery Embolization: State of the Evidence and Societal Guidelines. *Techniques in vascular and interventional radiology*, 23(3), 100695. PMID: 33308532 doi: [10.1016/j.tvir.2020.100695](https://doi.org/10.1016/j.tvir.2020.100695)
7. Cam, I., Gencturk, M., Shrestha, P., **Golzarian, J.**, Flanagan, S., Lim, N., & Young, S. (2020). US guidance for portal vein access and percutaneous wire placement into the portal vein are associated with shorter procedure times and lower radiation doses during TIPS placement. *AJR. American journal of roentgenology*. PMID: 32755214 doi: [10.2214/AJR.20.23846](https://doi.org/10.2214/AJR.20.23846)
8. Morgan, R., Arabi, M., Arai, Y., Das, M., **Golzarian, J.**, Holden, A., Roy-Choudhury, S. H., Spiliopoulos, S., Teng, G. J., & Tsitskari, M. (2020). IR voices about COVID 19. *CVIR endovascular*, 3(1), 45. PMID: 32638186 doi: [10.1186/s42155-020-00136-z](https://doi.org/10.1186/s42155-020-00136-z)
9. Cam, I., Gencturk, M., **Golzarian, J.**, & Young, S. (2020). Early Presentation of Septic Shock Secondary to Infection of the Treatment Zone Following Radioembolization for Hepatocellular Carcinoma. *Cardiovascular and interventional radiology*, 43(7), 1105-1107. PMID: 32350563 doi: [10.1007/s00270-020-02466-w](https://doi.org/10.1007/s00270-020-02466-w)
10. Young, S., Rostambeigi, N., **Golzarian, J.**, & Lim, N. (2020). MELD or Sodium MELD: A Comparison of the Ability of Two Scoring Systems to Predict Outcomes After Transjugular Intrahepatic Portosystemic Shunt Placement. *AJR. American journal of*

- roentgenology*, 215(1), 215-222. PMID: 32432911 doi: 10.2214/AJR.19.21726
11. D'Souza, D., **Golzarian, J.**, & Young, S. (2020). Interventional Liver-Directed Therapy for Neuroendocrine Metastases: Current Status and Future Directions. *Current Treatment Options in Oncology*, 21(6). doi: 10.1007/s11864-020-00751-x
12. Young, S., & **Golzarian, J.** (2020). Re: Surgical Management of Lower Urinary Tract Symptoms Attributed to Benign Prostatic Hyperplasia: AUA Guideline Amendment 2019H. E. Foster, P. Dahm, T. S. Kohler, L. B. Lerner, J. K. Parsons, T. J. Wilt and K. T. McVary *J Urol* 2019; **202**: 592-598. *The Journal of urology*, 203(6), 1219. PMID: 32068489 doi: 10.1097/JU.0000000000000801
13. Young, S., & **Golzarian, J.** (2020). Locoregional Therapies in the Treatment of 3- to 5-cm Hepatocellular Carcinoma: Critical Review of the Literature. *AJR. American journal of roentgenology*, 1-12. PMID: 32255691 doi: 10.2214/AJR.19.22098
14. Berman, Z., Fischman, A., Young, L., Flanagan, S., Katz, M., DiIulio, M., Kuban, J., **Golzarian, J.**, & Rose, S. (2020). Feasibility, safety, and efficacy of in-line balloon occlusion assisted delivery of ethylene-vinyl alcohol copolymer (Onyx) for peripheral arterial applications: a multicenter case series. *Journal of Vascular and Interventional Radiology*, 31(3), S176. doi: 10.1016/j.jvir.2019.12.451
15. Craig, P., Young, S., **Golzarian, J.**, & Rosenberg, M. (2020). May-Thurner syndrome presenting in pregnancy: a single-center experience. *Journal of Vascular and Interventional Radiology*, 31(3), S284. doi: 10.1016/j.jvir.2019.12.720
16. Jalaieian, H., Talaie, R., Hunter, D. W., **Golzarian, J.**, & Rosenberg, M. S. (2020). Comparison of tandem ureteral stents, cryoplasty, and cutting balloon ureteroplasty in treatment of refractory transplant ureteral strictures. *Clinical transplantation*, e13859. PMID: 32196747 doi: 10.1111/ctr.13859
17. Young, S., & **Golzarian, J.** (2020). Re: Surgical Management of Lower Urinary Tract Symptoms Attributed to Benign Prostatic Hyperplasia: AUA Guideline Amendment 2019H. E. Foster, P. Dahm, T. S. Kohler, L. B. Lerner, J. K. Parsons, T. J. Wilt and K. T. McVary *J Urol* 2019; **202**: 592-598. *The Journal of urology*, 101097JU0000000000000801. PMID: 32068489 doi: 10.1097/JU.0000000000000801
18. Young, S., Sanghvi, T., Lake, J. J., Rubin, N., & **Golzarian, J.** (2020). Predicting post-transarterial chemoembolization outcomes: A comparison of direct and total bilirubin serums levels. *Diagnostic and interventional Imaging*((19)30278-5), S2211-5684. PMID: 31948887 doi: 10.1016/j.diii.2019.12.006
19. Davis, C., **Golzarian, J.**, White, S., Fischman, A., Rastinehad, A., Isaacson, A., Carnevale, F. C., Foster, Jr, H., Findeiss, L., Sapoval, M., Borofsky, M., Ayyagari, R., Salem, R., Bhatia, S., & Caridi, T. (2020). Development of Research Agenda in Prostate Artery Embolization: Summary of Society of Interventional Radiology Consensus Panel. *Journal of vascular and interventional radiology : JVIR*, 31(1), 108-113. PMID: 31771895 doi: 10.1016/j.jvir.2019.09.019
20. Kahn, S. R., Julian, J. A., Kearon, C., Gu, C. S., Cohen, D. J., Magnuson, E. A., Comerota, A. J., Goldhaber, S. Z., Jaff, M. R., Razavi, M. K., Kindzelski, A. L., Schneider, J. R., Kim, P., Chaer, R., Sista, A. K., McLafferty, R. B., Kaufman, J. A., Wible, B. C., Blinder, M., Vedantham, S., & **ATTRACT Trial Investigators (J Golzarian et al)** (2020). Quality of life after pharmacomechanical catheter-directed thrombolysis for proximal deep venous thrombosis. *Journal of vascular surgery. Venous and lymphatic disorders*, 8(1), 8-23.e18. PMID: 31843251 doi:

[10.1016/j.jvsv.2019.03.023](https://doi.org/10.1016/j.jvsv.2019.03.023)

21. Young, S., Sanghvi, T., Rubin, N., Hall, D., Roller, L., Charaf, Y., & **Golzarian, J.** (2020). Transarterial Chemoembolization of Hepatocellular Carcinoma: Propensity Score Matching Study Comparing Survival and Complications in Patients with Nonalcoholic Steatohepatitis Versus Other Causes Cirrhosis. *Cardiovascular and interventional radiology*, 43(1), 65-75. PMID: 31686136 doi: [10.1007/s00270-019-02363-x](https://doi.org/10.1007/s00270-019-02363-x)
22. Young, S., **Golzarian, J.**, & Anderson, J. K. (2019). Thermal Ablation of T1a Renal Cell Carcinoma: The Clinical Evidence. *Seminars in interventional radiology*, 36(5), 367-373. PMID: 31798209 doi: [10.1055/s-0039-1696650](https://doi.org/10.1055/s-0039-1696650)
23. Amili, O., **Golzarian, J.**, & Coletti, F. (2019). In Vitro Study of Particle Transport in Successively Bifurcating Vessels. *Annals of biomedical engineering*, 47(11), 2271-2283. PMID: 31165293 doi: [10.1007/s10439-019-02293-2](https://doi.org/10.1007/s10439-019-02293-2)
24. Craig, P., Young, S., & **Golzarian, J.** (2019). Current Trends in the Treatment of Hepatocellular Carcinoma with Transarterial Embolization: Variability in Technical Aspects. *Cardiovascular and Interventional Radiology*, 42(9), 1322-1328. PMID: 31087146 doi: [10.1007/s00270-019-02232-7](https://doi.org/10.1007/s00270-019-02232-7)
25. Rostambeigi, N., Shrestha, P., Dunn, T. B., **Golzarian, J.**, Khoshnoodi, P., Rosenberg, M., & Talaie, R. (2019). Recurrent Ectopic Variceal Bleed After Pancreas Transplantation With No Portal Hypertension: Case Report and Outcomes of Endovascular Onyx Embolization. *Vascular and Endovascular Surgery*, 53(5), 415-419. PMID: 30929610 doi: [10.1177/1538574419839255](https://doi.org/10.1177/1538574419839255)
26. McWilliams, J. P., Bilhim, T. A., Carnevale, F. C., Bhatia, S., Isaacson, A. J., Bagla, S., Sapoval, M. R., **Golzarian, J.**, Salem, R., McClure, T. D., Kava, B. R., Spies, J. B., Sabharwal, T., McCafferty, I., & Tam, A. L. (2019). Society of Interventional Radiology Multisociety Consensus Position Statement on Prostatic Artery Embolization for Treatment of Lower Urinary Tract Symptoms Attributed to Benign Prostatic Hyperplasia: From the Society of Interventional Radiology, the Cardiovascular and Interventional Radiological Society of Europe, Société Française de Radiologie, and the British Society of Interventional Radiology: Endorsed by the Asia Pacific Society of Cardiovascular and Interventional Radiology, Canadian Association for Interventional Radiology, Chinese College of Interventionalists, Interventional Radiology Society of Australasia, Japanese Society of Interventional Radiology, and Korean Society of Interventional Radiology. *Journal of Vascular and Interventional Radiology : JVIR*, 30(5), 627-637.e1. PMID: 30926185 doi: [10.1016/j.jvir.2019.02.013](https://doi.org/10.1016/j.jvir.2019.02.013)
27. Rostambeigi, N., Scanlon, P., Flanagan, S., Frank, N., Talaie, R., Andrade, R., **Golzarian, J.**, & Shrestha, P. (2019). CT Fluoroscopic-Guided Coil Localization of Lung Nodules prior to Video-Assisted Thoracoscopic Surgical Resection Reduces Complications Compared to Hook Wire Localization. *Journal of Vascular and Interventional Radiology : JVIR*, 30(3), 453-459. PMID: 30819493 doi: [10.1016/j.jvir.2018.10.013](https://doi.org/10.1016/j.jvir.2018.10.013)
28. Rose, S. C., Narsinh, K. H., Isaacson, A. J., Fischman, A. M., & **Golzarian, J.** (2019). The Beauty and Bane of Pressure-Directed Embolotherapy: Hemodynamic Principles and Preliminary Clinical Evidence. *AJR. American Journal of Roentgenology*, 212(3), 686-695. PMID: 30589385 doi: [10.2214/AJR.18.19975](https://doi.org/10.2214/AJR.18.19975)
29. Young, S., & **Golzarian, J.** (2019). Prostate embolization: patient selection, clinical

- management and results. *CVIR Endovascular*, 2(1), 7. PMID: 32027007 doi: [10.1186/s42155-019-0049-1](https://doi.org/10.1186/s42155-019-0049-1)
30. Young, S., Taylor, A., **Golzarian, J.**, Flanagan, S., D'Souza, D., & Sanghvi, T. (2019). Clinical utility of one month imaging following selective internal radiation therapy. *Diagnostic and interventional imaging*, 100(1), 39-46. PMID: 30082184 doi: [10.1016/j.diii.2018.07.005](https://doi.org/10.1016/j.diii.2018.07.005)
31. Young, S., & **Golzarian, J.** (2018). Primary Tumor Location in Colorectal Cancer: Comparison of Right- and Left-Sided Colorectal Cancer Characteristics for the Interventional Radiologist. *CardioVascular and Interventional Radiology*, 41(12), 1819-1825. PMID: 29946943 doi: [10.1007/s00270-018-2014-0](https://doi.org/10.1007/s00270-018-2014-0)
32. Young, S., Wong, J., Rosenberg, M., **Golzarian, J.**, & Frank, N. (2018). Treatment of peristomal hemorrhage: A review of outcomes and comparison of two minimally invasive techniques. *Diagnostic and Interventional Imaging*, 99(12), 793-799. PMID: 30279099
33. Jung, J. H., Reddy, B., McCutcheon, K. A., Borofsky, M., Narayan, V., Young, S., **Golzarian, J.**, Kim, M. H., Shin, T. Y., & Dahm, P. (2018). Cochrane systematic reviews of prostatic urethral lift and prostatic arterial embolization. *Journal of Urology*, 199(4), E1222-E1222.
34. Young, S., Bermudez, J., Zhang, L., Rostambeigi, N., & **Golzarian, J.** (2018). Transjugular intrahepatic portosystemic shunt (TIPS) placement: A comparison of outcomes between patients with hepatic hydrothorax and patients with refractory ascites. *Diagnostic and interventional imaging*. PMID: 30522911 doi: [10.1016/j.diii.2018.10.006](https://doi.org/10.1016/j.diii.2018.10.006)
35. Serrano, O. K., Stampe, C., Rosenberg, M. S., **Golzarian, J.**, & Kandaswamy, R. (2018). Transjugular Removal of a Retained Intraportal Procurement Cannula in a Liver Transplant Recipient. *Journal of vascular and interventional radiology : JVIR*, 29(12), 1778-1780. PMID: 30502883 doi: [10.1016/j.jvir.2018.07.016](https://doi.org/10.1016/j.jvir.2018.07.016)
36. Young, S., Craig, P., & **Golzarian, J.** (2018). Current trends in the treatment of hepatocellular carcinoma with transarterial embolization: a cross-sectional survey of techniques. *European radiology*. PMID: 30350163 doi: [10.1007/s00330-018-5782-7](https://doi.org/10.1007/s00330-018-5782-7)
37. Akhlaghpour, S., Torkian, P., & **Golzarian, J.** (2018). Transarterial Bleomycin-Lipiodol Embolization (B/LE) for Symptomatic Giant Hepatic Hemangioma. *CardioVascular and Interventional Radiology*, 41(11), 1674-1682. PMID: 29922860 doi: [10.1007/s00270-018-2010-4](https://doi.org/10.1007/s00270-018-2010-4)
38. Young, S., & **Golzarian, J.** (2018). Prostatic artery embolization for benign prostatic hyperplasia: a review. *Current opinion in urology*, 28(3), 284-287. PMID: 29538167 doi: [10.1097/MOU.0000000000000495](https://doi.org/10.1097/MOU.0000000000000495)
39. Young, S. J., Bergren, L., Dunn, T., Shrestha, P., Yadav, K., Frank, N., Kandaswamy, R., & **Golzarian, J.** (2018). Outcomes of Endovascular Management of Late Vascular Hemorrhage After Pancreatic Transplant. *AJR. American journal of roentgenology*, 210(1), 201-206. PMID: 29045177 doi: [10.2214/AJR.17.18171](https://doi.org/10.2214/AJR.17.18171)
40. Gasparetto, A., Rosenberg, M., Hunter, D., **Golzarian, J.**, & D'Souza, D. (2018). Percutaneous gastric tube placement: Comparison of trans-abdominal and trans-oral approach in patients with chronic ascites. *Diagnostic and Interventional Imaging*. doi: [10.1016/j.diii.2018.08.009](https://doi.org/10.1016/j.diii.2018.08.009)

41. Smith, C., Craig, P., Taleb, S., Young, S., & **Golzarian, J.** (2017). Comparison of Traditional and Emerging Surgical Therapies for Lower Urinary Tract Symptoms in Men: A Review. *Cardiovascular and Interventional Radiology*, 40(8), 1176-1184. doi: [10.1007/s00270-017-1575-7](https://doi.org/10.1007/s00270-017-1575-7)
42. Craig, P., Young, S., Lunos, S., & **Golzarian, J.** (2017). Current trends in the interventional treatment of hepatocellular carcinoma: A cross-sectional survey of transarterial embolization techniques. *Journal of Clinical Oncology*, 35. doi: [10.1200/JCO.2017.35.15_suppl.e15627](https://doi.org/10.1200/JCO.2017.35.15_suppl.e15627)
43. Young, S., Scanlon, P., Sherestha, P., **Golzarian, J.**, & Sanghvi, T. (2017). Duplex Ultrasound Versus Clinical Surveillance in the Prediction of TIPS Malfunction Placed for Refractory Ascites: Is Ultrasound Surveillance Useful? *Cardiovascular and Interventional Radiology*, 40(12), 1861-1865. doi: [10.1007/s00270-017-1706-1](https://doi.org/10.1007/s00270-017-1706-1)
44. Taleb, S., Jalacian, H., Frank, N., **Golzarian, J.**, & D'Souza, D. (2017). Is a Routine Chest X-ray Necessary in Every Patient After Percutaneous CT-Guided Lung Biopsy? A Retrospective Review of 278 Cases. *Cardiovascular and Interventional Radiology*, 40(9), 1415-1420. doi: [10.1007/s00270-017-1632-2](https://doi.org/10.1007/s00270-017-1632-2)
45. Young, S., & **Golzarian, J.** (2017). Opposing Views Prostate Arterial Embolization is a Viable Option for Treating Symptoms of Benign Prostatic Hyperplasia: PRO. *Journal of Urology*, 198(1), 10-11.
46. Young, S., D'Souza, D., Flanagan, S., & **Golzarian, J.** (2017). Review of the clinical evidence for the use of DEBIRI in the treatment of colorectal metastatic disease. *Cardiovasc Intervent Radiol*, 40(4), 496-501. PMID: 28004168
47. Vedantham, S., Goldhaber, S. Z., Julian, J. A., Kahn, S. R., Jaff, M. R., Cohen, D. J., Magnuson, E., Razavi, M. K., Comerota, A. J., Gornik, H. L., Murphy, T. P., Lewis, L., Duncan, J. R., Nieters, P., Derfler, M. C., Filion, M., Gu, C. S., Kee, S., Schneider, J., Saad, N., Blinder, M., Moll, S., Sacks, D., Lin, J., Rundback, J., Garcia, M., Razdan, R., VanderWoude, E., Marques, V., Kearon, C., & **ATTRACT Trial Investigators (J Golzarian et al)** (2017). Pharmacomechanical Catheter-Directed Thrombolysis for Deep-Vein Thrombosis. *The New England journal of medicine*, 377(23), 2240-2252. PMID: 29211671 doi: [10.1056/NEJMoa1615066](https://doi.org/10.1056/NEJMoa1615066)
48. Jung, J. H., Shin, T. Y., Mccutcheon, K. A., Borofsky, M., Narayan, V., Young, S., Golzarian, J., Kim, M. H., Reddy, B., & Dahm, P. (2017). Prostatic arterial embolization for the treatment of lower urinary tract symptoms in men with benign prostatic hyperplasia. *Cochrane Database of Systematic Reviews*, 2017(11). doi: [10.1002/14651858.CD012867](https://doi.org/10.1002/14651858.CD012867)
49. Yadav, K., Young, S., Finger, E. B., Kandaswamy, R., Sutherland, D., **Golzarian, J.**, & Dunn, T. B. (2017). Significant arterial complications after pancreas transplantation-A single-center experience and review of literature. *Clinical transplantation*, 31(10). doi: [10.1111/ctr.13070](https://doi.org/10.1111/ctr.13070)
50. Weng, L., Akurati, S., Donelson, R. B., Rostamzadeh, P., & **Golzarian, J.** (2017). In vitro evaluation of sunitinib loaded bioresorbable microspheres for potential application in arterial chemoembolization. *Colloids and surfaces. B, Biointerfaces*, 159, 705-711. doi: [10.1016/j.colsurfb.2017.08.038](https://doi.org/10.1016/j.colsurfb.2017.08.038)
51. Young, S., D'Souza, D., Hunter, D., **Golzarian, J.**, & Rosenberg, M. (2017). The use of latex catheters to close enterocutaneous fistulas: An institutional protocol and retrospective review. *American Journal of Roentgenology*, 208(6), 1373-1377. doi: [10.1148/ajro.2017160111](https://doi.org/10.1148/ajro.2017160111)

[10.2214/AJR.16.17294](#)

52. Young, S., & **Golzarian, J.** (2017). Regarding: Y90 Radioembolization Significantly Prolongs Time to Progression Compared With Chemoembolization in Patients With Hepatocellular Carcinoma. *Gastroenterology*, 152(6), 1626-1627. doi: [10.1053/j.gastro.2016.09.070](#)
53. Young, S., D'Souza, D., Flanagan, S., & **Golzarian, J.** (2017). Review of the Clinical Evidence for the Use of DEBIRI in the Treatment of Colorectal Metastatic Disease. *CardioVascular and Interventional Radiology*, 40(4), 496-501. doi: [10.1007/s00270-016-1537-5](#)
54. Aaron, A., el-Hag, S., de Grandis, E., Santilli, S., Rosenberg, M., Shafii, S. M., **Golzarian, J.**, & Faizer, R. (2017). The Superficial Femoral Artery: An Alternative Access for Percutaneous Endovascular Aneurysm Repair. *Annals of Vascular Surgery*, 38, 339-344. doi: [10.1016/j.avsg.2016.06.018](#)
55. Young, S., Rosenberg, M., Shrestha, P., Konety, B., & **Golzarian, J.** (2016). Systematic review of prostate artery embolization for benign prostatic hypertrophy. *J Urol Res*, 3(3), 1056.
56. Weng, L., Tseng, H. J., Rostamzadeh, P., & **Golzarian, J.** (2016). In vitro comparative study of drug loading and delivery properties of bioresorbable microspheres and LC bead. *Journal of Materials Science: Materials in Medicine*, 27(12). doi: [10.1007/s10856-016-5786-2](#)
57. Rostamzadeh, P., Weng, L., & **Golzarian, J.** (2016). In vitro evaluation of an in situ forming drugloadable hydrogel for anticancer therapy. *Journal of Vascular and Interventional Radiology*, 27(3).
58. Young, S., **Golzarian, J.**, Flanagan, S., & Sanghvi, T. (2016). Is 1-month treatment imaging of benefit in yttrium-90 therapy. *Journal of Vascular and Interventional Radiology*.
59. Jalaieian, H., Talaie, R., D'Souza, D., Taleb, S., Noorbaloochi, S., Flanagan, S., Hunter, D., & **Golzarian, J.** (2016). Minilaparotomy-Assisted Transmesenteric-Transjugular Intrahepatic Portosystemic Shunt: Comparison with Conventional Transjugular Approach. *CardioVascular and Interventional Radiology*, 39(10), 1413-1419. doi: [10.1007/s00270-016-1385-3](#)
60. Talaie, R., Young, S. J., Shrestha, P., Flanagan, S. M., Rosenberg, M. S., & **Golzarian, J.** (2016). Image-Guided Treatment of Varicoceles: A Brief Literature Review and Technical Note. *Seminars in Interventional Radiology*, 33(3), 240-243. doi: [10.1055/s-0036-1586140](#)
61. Young, S., Rosenberg, M., Shrestha, P., Konety, B., & **Golzarian, J.** (2016). Systematic review of prostate artery embolization for benign prostatic hypertrophy. *J Urol Res*, 3(3): 1056(3), 1-6.
62. Richards, M. M., Maxwell, J. S., Weng, L., Angelos, M. G., & **Golzarian, J.** (2016). Intra-articular treatment of knee osteoarthritis: from anti-inflammatories to products of regenerative medicine. *Physician and Sportsmedicine*, 44(2), 101-108. doi: [10.1080/00913847.2016.1168272](#)
63. Rostambeigi, N., Taylor, A. J., **Golzarian, J.**, Jensen, E. H., Pruett, T. L., Dudeja, V., & D'souza, D. (2016). Effect of MRI versus MDCT on Milan criteria scores and liver transplantation eligibility. *American Journal of Roentgenology*, 206(4), 726-733. PMID:

26796867 doi: 10.2214/AJR.15.14642

64. Lehmann, S., Rosenberg, M., Shrestha, P., **Golzarian, J.**, & Schooley, M. (2015). Prostatic Artery Embolization: An Emerging Technique in Interventional Radiology. *Journal of Radiology Nursing*, 34(4), 209-221. doi: 10.1016/j.jradnu.2015.10.001
65. Huang, H., Geng, J., **Golzarian, J.**, Huang, J., & Yu, J. (2015). Fabrication of doxorubicin-loaded ellipsoid micelle based on diblock copolymer with a linkage of enzyme-cleavable peptide. *Colloids and Surfaces B: Biointerfaces*, 133, 362-369. PMID: 26143152 doi: 10.1016/j.colsurfb.2015.06.032
66. Huang, H., Yue, T., Xu, K., **Golzarian, J.**, Yu, J., & Huang, J. (2015). Fabrication and evaluation of tumor-targeted positive MRI contrast agent based on ultrasmall MnO nanoparticles. *Colloids and Surfaces B: Biointerfaces*, 131, 148-154. PMID: 25982318 doi: 10.1016/j.colsurfb.2015.04.047
67. Weng, L., Seelig, D., Rostamzadeh, P., & **Golzarian, J.** (2015). Calibrated bioresorbable microspheres as an embolic agent: An experimental study in a rabbit renal model. *Journal of Vascular and Interventional Radiology*, 26(12), 1887-1894e1. PMID: 25824317 doi: 10.1016/j.jvir.2015.01.014
68. Bilhim, T., Bagla, S., Sapoval, M., Carnevale, F. C., Salem, R., & **Golzarian, J.** (2015). Prostatic arterial embolization versus transurethral resection of the prostate for benign prostatic hyperplasia. *Radiology*, 276(1), 310-311. PMID: 26101927 doi: 10.1148/radiol.2015141853
69. Wasserman, N. F., Spilseth, B., **Golzarian, J.**, & Metzger, G. J. (2015). Use of MRI for lobar classification of benign prostatic hyperplasia: Potential phenotypic biomarkers for research on treatment strategies. *American Journal of Roentgenology*, 205(3), 564-571. PMID: 26295642 doi: 10.2214/AJR.14.13602
70. **Golzarian, J.**, & Weng, L. (2014). Particle Embolization: Factors Affecting Arterial Distribution. *Journal of Vascular and Interventional Radiology*, 25(11), 1773-1774.
71. Rostambeigi, N., Dekarske, A. S., Austin, E. E., **Golzarian, J.**, & Cressman, E. N. (2014). Cost effectiveness of radioembolization compared with conventional transarterial chemoembolization for treatment of hepatocellular carcinoma. *Journal of Vascular and Interventional Radiology*, 25(7), 1075-1084. PMID: 24861664 doi: 10.1016/j.jvir.2014.04.014
72. Jagadeesan, B. D., Mortazavi, S., Hunter, D. W., Duran-Castro, O. L., Snyder, G. B., Siedel, G. F., & **Golzarian, J.** (2014). Endovascular balloon-assisted Embolization of high-flow peripheral vascular lesions using dual-lumen coaxial balloon Microcatheter and onyx: Initial experience. *Journal of Vascular and Interventional Radiology*, 25(4), 587-592. PMID: 24674217 doi: 10.1016/j.jvir.2013.11.013
73. Pellerin, O., Maleux, G., Déan, C., Pernot, S., **Golzarian, J.**, & Sapoval, M. (2014). Microvascular Plug: A New Embolic Material for Hepatic Arterial Skeletonization. *CardioVascular and Interventional Radiology*, 37(6), 1597-1601. PMID: 24722897 doi: 10.1007/s00270-014-0889-y
74. **Golzarian, J.**, Antunes, A. A., Bilhim, T., Carnevale, F. C., Konety, B., McVary, K. T., Parsons, J. K., Pisco, J. M., Siegel, D. N., Spies, J., Wasserman, N., Gowda, N., & Ahrar, K. (2014). Prostatic artery embolization to treat lower urinary tract symptoms related to benign prostatic hyperplasia and bleeding in patients with prostate cancer: Proceedings from a multidisciplinary research consensus panel. *Journal of Vascular and Interventional Radiology*, 25(5), 665-674. PMID: 24560898 doi:

[10.1016/j.jvir.2013.11.003](https://doi.org/10.1016/j.jvir.2013.11.003)

75. Weng, L., Rusten, M., Talaie, R., Hairani, M., Rosener, N. K., & **Golzarian, J.** (2013). Calibrated bioresorbable microspheres: A preliminary study on the level of occlusion and arterial distribution in a rabbit kidney model. *Journal of Vascular and Interventional Radiology*, 24(10), 1567-1575. PMID: 23928298 doi: [10.1016/j.jvir.2013.06.009](https://doi.org/10.1016/j.jvir.2013.06.009)
76. Weng, L., Rostambeigi, N., Zantek, N. D., Rostamzadeh, P., Bravo, M., Carey, J., & **Golzarian, J.** (2013). An in situ forming biodegradable hydrogel-based embolic agent for interventional therapies. *Acta Biomaterialia*, 9(9), 8182-8191. PMID: 23791672 doi: [10.1016/j.actbio.2013.06.020](https://doi.org/10.1016/j.actbio.2013.06.020)
77. Weng, L., Rostamzadeh, P., Nooryshokry, N., Le, H. C., & **Golzarian, J.** (2013). In vitro and in vivo evaluation of biodegradable embolic microspheres with tunable anticancer drug release. *Acta Biomaterialia*, 9(6), 6823-6833. PMID: 23419554 doi: [10.1016/j.actbio.2013.02.017](https://doi.org/10.1016/j.actbio.2013.02.017)
78. Rostambeigi, N., Hunter, D., Duval, S., Chinnakotla, S., & **Golzarian, J.** (2013). Stent placement versus angioplasty for hepatic artery stenosis after liver transplant: A meta-analysis of case series. *European Radiology*, 23(5), 1323-1334. PMID: 23239061 doi: [10.1007/s00330-012-2730-9](https://doi.org/10.1007/s00330-012-2730-9)
79. Rooke, T. W., Hirsch, A. T., Misra, S., Sidawy, A. N., Beckman, J. A., Findeiss, L., **Golzarian, J.**, Gornik, H. L., Jaff, M. R., Moneta, G. L., Olin, J. W., Stanley, J. C., White, C. J., White, J. V., Zierler, R. E., American College of Cardiology Foundation Task Force, & American Heart Association Task Force (2013). Management of patients with peripheral artery disease (compilation of 2005 and 2011 ACCF/AHA Guideline Recommendations): a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. *Journal of the American College of Cardiology*, 61(14), 1555-1570. PMID: 23473760 https://api.elsevier.com/content/abstract/scopus_id/84878198321
80. Anderson, J. L., Halperin, J. L., Albert, N. M., Bozkurt, B., Brindis, R. G., Curtis, L. H., DeMets, D., Guyton, R. A., Hochman, J. S., Kovacs, R. J., Ohman, E. M., Pressler, S. J., Sellke, F. W., Shen, W. K., Rooke, T. W., Hirsch, A. T., Misra, S., Sidawy, A. N., Beckman, J. A., Findeiss, L. K., **Golzarian, J.**, Gornik, H. L., Jaff, M. R., Moneta, G. L., Olin, J. W., Stanley, J. C., White, C. J., White, J. V., Zierler, R. E., Haskal, Z. J., Hertzner, N. R., Bakal, C. W., Creager, M. A., Hiratzka, L. F., Murphy, W. R., Puschett, J. B., Rosenfield, K. A., Sacks, D., Taylor, L. M., & White, R. A. (2013). Management of patients with peripheral artery disease (compilation of 2005 and 2011 ACCF/AHA guideline recommendations): A report of the American College of Cardiology Foundation/American Heart Association Task Force on practice guidelines. *Circulation*, 127(13), 1425-1443. PMID: 23457117 doi: [10.1161/CIR.0b013e31828b82aa](https://doi.org/10.1161/CIR.0b013e31828b82aa)
81. Abada, H., Cappaso, P., & **Golzarian, J.** (2012). Endovascular options for splenic artery aneurysms. *Endovascular Today*, 53-55.
82. Rooke, T. W., Hirsch, A. T., Misra, S., Sidawy, A. N., Beckman, J. A., Findeiss, L. K., **Golzarian, J.**, Gornik, H. L., Halperin, J. L., Jaff, M. R., Moneta, G. L., Olin, J. W., Stanley, J. C., White, C. J., White, J. V., Zierler, R. E., Haskal, Z. J., Hertzner, N. R., Bakal, C. W., Creager, M. A., Hiratzka, L. F., Murphy, W. R., Puschett, J. B., Rosenfield, K. A., Sacks, D., Taylor, L. M., White, R. A., Jacobs, A. K., Anderson, J. L., Albert, N., Ettinger, S. M., Guyton, R. A., Hochman, J. S., Kushner, F. G., Ohman, E. M., Stevenson, W., & Yancy, C. W. (2012). ACCF/AHA focused update of the guideline for the management of patients with peripheral artery disease (Updating the 2005

- guideline). *Catheterization and Cardiovascular Interventions*, 79(4), 501-531. PMID: 21960485 doi: 10.1002/ccd.23373
83. Rooke, T. W., Hirsch, A. T., Misra, S., Sidawy, A. N., Beckman, J. A., Findeiss, L. K., **Golzarian, J.**, Gornik, H. L., Halperin, J. L., Jaff, M. R., Moneta, G. L., Olin, J. W., Stanley, J. C., White, C. J., White, J. V., & Zierler, R. E. (2011). 2011 ACCF/AHA Focused update of the guideline for the management of patients with peripheral artery disease (updating the 2005 guideline): A Report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines - Developed in Collaboration with the Society for Cardiovascular Angiography and Interventions, Society of Interventional Radiology. *Journal of Vascular Surgery*, 54(5). PMID: 21958560 doi: 10.1016/j.jvs.2011.09.001
84. Rooke, T. W., Hirsch, A. T., Misra, S., Sidawy, A. N., Beckman, J. A., Findeiss, L. K., **Golzarian, J.**, Gornik, H. L., Halperin, J. L., Jaff, M. R., Moneta, G. L., Olin, J. W., Stanley, J. C., White, C. J., White, J. V., & Zierler, R. E. (2011). ACCF/AHA focused update of the guideline for the management of patients with peripheral artery disease (Updating the 2005 Guideline): A report of the american college of cardiology foundation/American Heart Association task force on practice guidelines. *Circulation*, 124(18), 2020-2045. PMID: 21959305 doi: 10.1161/CIR.0b013e31822e80c3
85. Rooke, T. W., Hirsch, A. T., Misra, S., Sidawy, A. N., Beckman, J. A., Findeiss, L. K., **Golzarian, J.**, Gornik, H. L., Halperin, J. L., Jaff, M. R., Moneta, G. L., Olin, J. W., Stanley, J. C., White, C. J., White, J. V., Zierler, R. E., Society for Cardiovascular Angiography, Society of Interventional Radiology, Society for Vascular Medicine, & Society for Vascular Surgery (2011). ACCF/AHA Focused Update of the Guideline for the Management of Patients With Peripheral Artery Disease (updating the 2005 guideline): a report of the American College of Cardiology Foundation/American Heart Association Task Force on Practice Guidelines. *Journal of the American College of Cardiology*, 58(19), 2020-2045. PMID: 21963765
https://api.elsevier.com/content/abstract/scopus_id/84555203680
86. Weng, L., Le, H. C., Talaie, R., & **Golzarian, J.** (2011). Bioresorbable hydrogel microspheres for transcatheter embolization: Preparation and in vitro evaluation. *Journal of Vascular and Interventional Radiology*, 22(10), 1464-1470. PMID: 21816624 doi: 10.1016/j.jvir.2011.06.010
87. Weng, L., Le, H. C., Lin, J., & **Golzarian, J.** (2011). Doxorubicin loading and eluting characteristics of bioresorbable hydrogel microspheres: In vitro study. *International Journal of Pharmaceutics*, 409(1-2), 185-193. PMID: 21382461 doi: 10.1016/j.ijpharm.2011.02.058
88. Verret, V., Ghegediban, S. H., Wassef, M., Pelage, J. P., **Golzarian, J.**, & Laurent, A. (2011). The arterial distribution of Embozene and Embosphere microspheres in sheep kidney and uterus embolization models. *Journal of Vascular and Interventional Radiology*, 22(2), 220-228. PMID: 21276915 doi: 10.1016/j.jvir.2010.10.021
89. Verret, V., Wassef, M., Pelage, J. P., Ghegediban, S. H., Jouneau, L., Moine, L., Labarre, D., **Golzarian, J.**, Schwartz-Cornil, I., & Laurent, A. (2011). Influence of degradation on inflammatory profile of polyphosphazene coated PMMA and trisacryl gelatin microspheres in a sheep uterine artery embolization model. *Biomaterials*, 32(2), 339-351. PMID: 20889202 doi: 10.1016/j.biomaterials.2010.09.001
90. **Golzarian, J.**, Sapoval, M. R., Kundu, S., Hunter, D. W., Brountzos, E. N., Geschwind, J. F., Murphy, T. P., Spies, J. B., Wallace, M. J., de Baere, T., & Cardella, J. F. (2010).

- Guidelines for Peripheral and Visceral Vascular Embolization Training. Joint Writing Groups of the Standards of Practice Committees for the Society of Interventional Radiology (SIR), Cardiovascular and Interventional Radiological Society of Europe (CIRSE), and Canadian Interventional Radiology Association (CIRA). *Journal of Vascular and Interventional Radiology*, 21(4), 436-441. PMID: 20346881 doi: [10.1016/j.jvir.2010.01.006](https://doi.org/10.1016/j.jvir.2010.01.006)
91. Kratzberg, J. A., Barnhart, W., **Golzarian, J.**, & Raghavan, M. L. (2009). The effect of aortic endovascular graft oversizing on barb penetration and fixation strength. (PART A), 527-528. https://api.elsevier.com/content/abstract/scopus_id/77952586994
 92. Kratzberg, J. A., **Golzarian, J.**, & Raghavan, M. L. (2009). Role of graft oversizing in the fixation strength of barbed endovascular grafts. *Journal of Vascular Surgery*, 49(6), 1543-1553. PMID: 19497518 doi: [10.1016/j.jvs.2009.01.069](https://doi.org/10.1016/j.jvs.2009.01.069)
 93. Aravalli, R. N., **Golzarian, J.**, & Cressman, E. N. (2009). Animal models of cancer in interventional radiology. *European Radiology*, 19(5), 1049-1053. PMID: 19137307 doi: [10.1007/s00330-008-1263-8](https://doi.org/10.1007/s00330-008-1263-8)
 94. Weldon, D. T., Burke, S. J., Sun, S., Mimura, H., & **Golzarian, J.** (2008). Interventional management of lower gastrointestinal bleeding. *European Radiology*, 18(5), 857-867. PMID: 18185932 doi: [10.1007/s00330-007-0844-2](https://doi.org/10.1007/s00330-007-0844-2)
 95. Sharafuddin, M. J., Hoballah, J. J., Kresowik, T. F., Sharp, W. J., **Golzarian, J.**, Sun, S., & Corson, J. D. (2008). Long-Term Outcome following Stent Reconstruction of the Aortic Bifurcation and the Role of Geometric Determinants. *Annals of Vascular Surgery*, 22(3), 346-357. PMID: 18411026 doi: [10.1016/j.avsg.2007.12.013](https://doi.org/10.1016/j.avsg.2007.12.013)
 96. Abada, H. T., & **Golzarian, J.** (2007). Gelatine Sponge Particles: Handling Characteristics for Endovascular Use. *Techniques in Vascular and Interventional Radiology*, 10(4), 257-260. PMID: 18572138 doi: [10.1053/j.tvir.2008.03.002](https://doi.org/10.1053/j.tvir.2008.03.002)
 97. **Golzarian, J.**, Haskal, Z., & Sapoval, M. (2007). Introduction. *Techniques in Vascular and Interventional Radiology*, 10(4), 247. doi: [10.1053/j.tvir.2008.03.001](https://doi.org/10.1053/j.tvir.2008.03.001)
 98. Yazdi, H. R., Youness, F., Laroia, S., Sun, S., Abada, H., Sharafuddin, M., & **Golzarian, J.** (2007). Mesenteric artery stenting for chronic mesenteric ischemia. *Vascular Disease Management*, 4(6), 180-184. https://api.elsevier.com/content/abstract/scopus_id/37349011207
 99. Abada, H. T., & **Golzarian, J.** (2007). Multidetector CT in abdominal aortic aneurysm following endovascular repair: How to consider the value of a delayed phase [3]. *Radiology*, 245(2), 610. PMID: 17940316 doi: [10.1148/radiol.2452062111](https://doi.org/10.1148/radiol.2452062111)
 100. Burke, S. J., **Golzarian, J.**, Weldon, D., & Sun, S. (2007). Nonvariceal upper gastrointestinal bleeding. *European Radiology*, 17(7), 1714-1726. PMID: 17058080 doi: [10.1007/s00330-006-0477-x](https://doi.org/10.1007/s00330-006-0477-x)
 101. **Golzarian, J.**, & Valenti, D. (2006). Endoleakage after endovascular treatment of abdominal aortic aneurysms: Diagnosis, significance and treatment. *European Radiology*, 16(12), 2849-2857. PMID: 16607497 doi: [10.1007/s00330-005-0129-6](https://doi.org/10.1007/s00330-005-0129-6)
 102. Cai, Z., Stolpen, A., Sharafuddin, M. J., McCabe, R., Bai, H., Potts, T., Vannier, M., Li, D., Bi, X., Bennett, J., **Golzarian, J.**, Sun, S., Wang, G., & Bai, E. W. (2006). Bolus characteristics based on Magnetic Resonance Angiography. *BioMedical Engineering Online*, 5. PMID: 17044929 doi: [10.1186/1475-925X-5-53](https://doi.org/10.1186/1475-925X-5-53)
 103. Lu, D., Bai, E., Liu, J., Yu, H., Wei, Y., Cai, Z., Sharafuddin, M. J., **Golzarian, J.**,

- Stolpen, A., Saba, O., Vannier, M., & Wang, G. (2006). Projection-based bolus detection for computed tomographic angiography. *Journal of Computer Assisted Tomography*, 30(5), 846-849. PMID: 16954941 doi: 10.1097/01.rct.0000230000.08027.ad
104. **Golzarian, J.**, Lang, E., Hovsepian, D., Kroncke, T., Lampmann, L., Lohle, P., Pelage, J. P., Shlansky-Goldberg, R., Valenti, D., Vorwerk, D., & Spies, J. (2006). Higher rate of partial devascularization and clinical failure after uterine artery embolization for fibroids with spherical polyvinyl alcohol. *CardioVascular and Interventional Radiology*, 29(1), 1-3. PMID: 16391950 doi: 10.1007/s00270-005-0243-5
105. **Golzarian, J.**, Maes, E. B., & Sun, S. (2005). Endoleak: Treatment options. *Techniques in Vascular and Interventional Radiology*, 8(1 SPEC. ISS.), 41-49. PMID: 16098936 doi: 10.1053/j.tvir.2005.06.001
106. Raghavan, M. L., Kratzberg, J. A., & **Golzarian, J.** (2005). Introduction to biomechanics related to endovascular repair of abdominal aortic aneurysm. *Techniques in Vascular and Interventional Radiology*, 8(1 SPEC. ISS.), 50-55. PMID: 16098937 doi: 10.1053/j.tvir.2005.03.012
107. **Golzarian, J.** (2005). Techniques in Vascular and Interventional Radiology: Introduction. *Techniques in Vascular and Interventional Radiology*, 8(1 SPEC. ISS.), 1. doi: 10.1053/j.tvir.2005.07.001
108. Laureys, M., **Golzarian, J.**, Antoine, M., & Desmet, J. M. (2004). Coil embolization treatment for perioperative pulmonary artery rupture related to Swan-Ganz catheter placement [2]. *CardioVascular and Interventional Radiology*, 27(4), 407-409. PMID: 15129332 https://api.elsevier.com/content/abstract/scopus_id/3843057809
109. **Golzarian, J.**, Rozenblit, A. M., Laks, M. P., & Ricci, Z. J. (2004). Delayed Helical CT Acquisition in the Detection of Endoleak [1] (multiple letters). *Radiology*, 230(1), 299-300. PMID: 14695403 doi: 10.1148/radiol.2301030837
110. Bogaert, J., Goldstein, M., Tannouri, F., **Golzarian, J.**, & Dymarkowski, S. (2003). Late myocardial enhancement in hypertrophic cardiomyopathy with contrast-enhanced MR imaging. *American Journal of Roentgenology*, 180(4), 981-985. PMID: 12646440 https://api.elsevier.com/content/abstract/scopus_id/0037379451
111. **Golzarian, J.** (2003). Imaging after endovascular repair of abdominal aortic aneurysm. *Abdominal Imaging*, 28(2), 236-243. PMID: 12592472 doi: 10.1007/s00261-002-0009-3
112. **Golzarian, J.**, Murgo, S., Laureys, M., Tannouri, F., & Struyven, J. (2002). Uterine fibroids embolization: A review. *Journal Belge de Radiologie*, 85(1), 7-13. PMID: 11939221 https://api.elsevier.com/content/abstract/scopus_id/0036956080
113. Murgo, S., Simon, P., & **Golzarian, J.** (2002). Embolisation des fibromyomes utérins Uterine fibroids embolization. *Revue Medicale de Bruxelles*, 23(5), 435-442. PMID: 12474325 https://api.elsevier.com/content/abstract/scopus_id/0036777631
114. Lefranc, F., **Golzarian, J.**, Chevalier, C., DeWitte, O., Pochet, R., Heizman, C., Decaestecker, C., Brotchi, J., Salmon, I., & Kiss, R. (2002). Expression of members of the calcium-binding S-100 protein family in a rat model of cerebral basilar artery vasospasm. *Journal of Neurosurgery*, 97(2), 408-415. PMID: 12186470 https://api.elsevier.com/content/abstract/scopus_id/0036320536
115. Tannouri, E., **Golzarian, J.**, & Struyven, J. (2002). Aortic prosthetic graft infection. *Journal Belge de Radiologie*, 85(3), 158-159. PMID: 12152731 https://api.elsevier.com/content/abstract/scopus_id/0036071685

116. **Golzarian, J.**, Murgo, S., Dussaussois, L., Guyot, S., Said, K. A., Wautrecht, J. C., & Struyven, J. (2002). Evaluation of abdominal aortic aneurysm after endoluminal treatment: Comparison of color Doppler sonography with biphasic helical CT. *American Journal of Roentgenology*, 178(3), 623-628. PMID: 11856687
https://api.elsevier.com/content/abstract/scopus_id/0036182773
117. Laureys, M., Tannouri, F., Rommens, J., Dussaussois, L., & **Golzarian, J.** (2002). Percutaneous treatment of iatrogenic ilio caval fistula related to endograft placement for abdominal aortic aneurysm. *Journal of Vascular and Interventional Radiology*, 13(2), 211-213. PMID: 11830630
https://api.elsevier.com/content/abstract/scopus_id/0036171534
118. **Golzarian, J.**, Dussaussois, L., Said, K. A., Abada, H. T., Dereume, J. P., & Struyven, J. (2002). Embolization of large aneurysms with long wire coils. *CardioVascular and Interventional Radiology*, 25(1), 26-29. PMID: 11907770 doi: 10.1007/s00270-001-0046-2
119. Struyven, J., Avni, F., Balériaux, D., Cassart, M., David, P., Gevenois, P. A., **Golzarian, J.**, Laureys, M., Madani, A., Matos, C., Metens, T., Scillia, P., Sadeghi, N., Stallenberg, B., Van Gansbeke, D., & Zalcman, M. (2002). The medical imaging and radiology department. *Revue médicale de Bruxelles*, 23 Suppl 2, 79-84. PMID: 12584918
https://api.elsevier.com/content/abstract/scopus_id/0038659598
120. **Golzarian, J.**, & Struyven, J. (2001). Imaging of complications after endoluminal treatment of abdominal aortic aneurysms. *European Radiology*, 11(11), 2244-2251. PMID: 11702167 doi: 10.1007/s003300100912
121. **Golzarian, J.** (2001). Regarding "aneurysm sac pressure measurements after endovascular repair of abdominal aortic aneurysms". *Journal of vascular surgery : official publication, the Society for Vascular Surgery [and] International Society for Cardiovascular Surgery, North American Chapter*, 33(6), 1317-1318. PMID: 11389434
https://api.elsevier.com/content/abstract/scopus_id/0035377350
122. Rousseau, H., Perreault, P., Otal, P., Stockx, L., **Golzarian, J.**, Oliva, V., Reynaud, P., Raat, F., Szatmari, F., Santoro, G., Emanuelli, G., Nonent, M., & Hoogeveen, Y. (2001). The 6-F nitinol TrapEase inferior vena cava filter: Results of a prospective multicenter trial. *Journal of Vascular and Interventional Radiology*, 12(3), 299-304. PMID: 11287505 doi: 10.1016/S1051-0443(07)61907-1
123. Murgo, S., **Golzarian, J.**, Brittenden, J., & Bradbury, A. (2000). Regarding 'The use of endovascular stents in the treatment of penetrating ulcers of the thoracic aorta' [2] (multiple letters). *Journal of Vascular Surgery*, 31(5), 1078.
https://api.elsevier.com/content/abstract/scopus_id/0034118296
124. Matos, C., Metens, T., Nicaise, N., **Golzarian, J.**, Dussaussois, L., & Struyven, J. (1999). MR angiography of the renal arteries. *Revue Médicale de Bruxelles*, 20(4). PMID: 10523920 https://api.elsevier.com/content/abstract/scopus_id/8844235098
125. Murgo, S., Avni, E. F., David, P., Muller, M. F., **Golzarian, J.**, Balériaux, D., & Struyven, J. (1999). Periventricular leukomalacia in premature infants: Value of US and MRI for prognosis. *Journal de Radiologie*, 80(7), 715-720. PMID: 10431271
https://api.elsevier.com/content/abstract/scopus_id/0033162807
126. Dorffner, R., & **Golzarian, J.** (1999). Helical CT after aortic stent-graft implantation [2] (multiple letters). *American Journal of Roentgenology*, 172(6), 1690-1691. PMID: 10350317 https://api.elsevier.com/content/abstract/scopus_id/0032974632

127. **Golzarian, J.**, Dussaussois, L., & Struyven, J. (1999). Imaging of abdominal aortic aneurysms after endoluminal repair. *Seminars in Ultrasound CT and MRI*, 20(1), 16-24. PMID: 10036708 doi: 10.1016/S0887-2171(99)90003-3
128. Le Minh, T., Motte, S., Hoang, A. D., Ferreira, J., **Golzarian, J.**, Dehon, P., Cavenaile, J. C., Michel, P., Guyot, S., Giot, C., Wautrecht, J. C., & Dereume, J. P. (1998). Occluding aortic endoluminal stent graft combined with extra-anatomic axillofemoral bypass as alternative management of abdominal aortic aneurysms for patients at high risk with complex anatomic features: A preliminary report. *Journal of Vascular Surgery*, 28(4), 651-656. PMID: 9786260 doi: 10.1016/S0741-5214(98)70090-4
129. Murgo, S., Dussaussois, L., **Golzarian, J.**, Cavenaile, J. C., Abada, H. T., Ferreira, J., & Struyven, J. (1998). Penetrating atherosclerotic ulcer of the descending thoracic aorta: Treatment by endovascular stent-graft. *CardioVascular and Interventional Radiology*, 21(6), 454-458. PMID: 9853161 doi: 10.1007/s002709900303
130. Dinu, F., Devière, J., Van Gossum, A., **Golzarian, J.**, Dussaussois, L., Delhay, M., & Cremer, M. (1998). The wirsungorrhagies: Causes and management in 14 patients. *Endoscopy*, 30(7), 595-600. PMID: 9826136
https://api.elsevier.com/content/abstract/scopus_id/0031756791
131. Wijns, W., Daoud, N., Droeshout, I., Pradier, O., Wautrecht, J. C., **Golzarian, J.**, & Capel, P. (1998). Evaluation of two D-Dimer assays in the diagnosis of venous thromboembolism. *Acta Clinica Belgica*, 53(4), 270-274. PMID: 9795448
https://api.elsevier.com/content/abstract/scopus_id/0031726281
132. **Golzarian, J.**, Dussaussois, L., Abada, H. T., Gevenois, P. A., Van Gansbeke, D., Ferreira, J., & Struyven, J. (1998). Helical CT of aorta after endoluminal stent-graft therapy: Value of biphasic acquisition. *American Journal of Roentgenology*, 171(2), 329-331. PMID: 9694445
https://api.elsevier.com/content/abstract/scopus_id/0031872430
133. Nicaise, N., **Golzarian, J.**, Van Gansbeke, D., Cremer, M., Struyven, J., & Deviere, J. (1998). Rupture of pseudoaneurysm: A cause of delayed hemorrhage after endoscopic cystoenterostomy; angiographic diagnosis and treatment. *Gastrointestinal Endoscopy*, 47(2), 186-189. PMID: 9512288 doi: 10.1016/S0016-5107(98)70356-6
134. Dussaussois, L., Stelmaszyk, J., & **Golzarian, J.** (1998). Percutaneous treatment of an osteoid osteoma of the scapula using CT guided laser photo-coagulation. *Acta Orthopaedica Belgica*, 64(1), 88-91. PMID: 9586256
https://api.elsevier.com/content/abstract/scopus_id/0031981935
135. **Golzarian, J.**, Nicaise, N., Devière, J., Ghysels, M., Wery, D., Dussaussois, L., Van Gansbeke, D., & Struyven, J. (1997). Transcatheter embolization of pseudoaneurysms complicating pancreatitis. *CardioVascular and Interventional Radiology*, 20(6), 435-440. PMID: 9354712 doi: 10.1007/s002709900189
136. Wespes, E., Sattar, A. A., **Golzarian, J.**, Wery, D., Daoud, N., & Schulman, C. C. (1997). Corporeal veno-occlusive dysfunction: Predominantly intracavernous muscular pathology. *Journal of Urology*, 157(5), 1678-1680. PMID: 9112504 doi: 10.1016/S0022-5347(01)64833-X
137. **Golzarian, J.**, Struyven, J., Abada, H. T., Wery, D., Dussaussois, L., Madani, A., Ferreira, J., & Dereume, J. P. (1997). Endovascular aortic stent-grafts: Transcatheter embolization of persistent perigraft leaks. *Radiology*, 202(3), 731-734. PMID: 9051026
https://api.elsevier.com/content/abstract/scopus_id/0031056971