

Evolution and transformation of *JVS-CIT*

I alone cannot change the world, but I can cast a stone across the waters to create many ripples.
—Mother Teresa

As 2021 comes to an end, we are pleased to report that the state of the *Journal of Vascular Surgery Publications* is stronger than at any time in the history of our journals. This was a year of growth and transformation. The *Journal of Vascular Surgery (JVS)* earned an Impact Factor of 4.268, an all-time high in the 38-year existence of this premier international publication. The *Journal of Vascular Surgery: Venous and Lymphatic Disorders (JVS-VL)* reinforced its position as the leading publication in the international venous and lymphatic field with an Impact Factor of 2.859 in the 9th year of its publication.

This journal, *The Journal of Vascular Surgery Cases, Innovations and Techniques* has been growing rapidly, publishing an estimated 33% more articles this year than just 2 years ago (Table). It continues to be the premier international journal dedicated to publishing peer reviewed high-quality case reports, articles on techniques, videos, and images related to all aspects of arterial, venous, and lymphatic diseases, including the placement and maintenance of arteriovenous dialysis accesses. And, it continues to place its emphasis on the practicing clinician, publishing articles by vascular specialists from 40 countries. In 2021, we modified the name of the journal to reflect the increased scope of the journal, which will now accept articles on all areas of innovation, including practice, education, outcome assessment, and procedural technique as well.

The fourth member of the *JVS* family, *JVS-Vascular Science (JVS-VS)*, has also grown well beyond expectations. Recognizing the high scientific and editorial standards of this journal, the U.S. National Library of Medicine just accepted *JVS-VS* into PubMed Central, so all articles will be indexed retroactively starting with Volume 1, 2020.

This welcome evolution of the *JVS* portfolio occurred in parallel with major transformations of our editorial policies, educational programs, leadership, and boards. The diversity of each journal's editorial board significantly improved and now includes $\geq 25\%$ women and under-represented minorities.

The second year of the COVID-19 pandemic that has claimed over 700 000 lives in the United States has had a sustained effect on all scientific publications, including the *JVS* journals. Submission rates of all categories of articles remained extremely high, with an estimated 2859 new submissions in 2021, 31% higher than before the pandemic and just slightly lower than in 2020. In addition, this year we published ~ 70 articles on COVID-19 and vascular disease, and our online collection includes 152 articles <https://www.jvscit.org/>.

Social media continues to be an important tool for *JVS* Journal Editors, authors, and readers. *JVS* journals has 4513 Facebook, 7037 Twitter, and 16,861 LinkedIn followers. We are pleased to see that *JVS-CIT* content usage continues to grow, with an estimated 84,000 full-text downloads and 21,185 average monthly visits in 2021 to our website, www.JVSCIT.org. We hope the progress in the journal quality metrics as well as the increasing social media presence translate into a better understanding of vascular disease by vascular specialists and into better care and outcomes for vascular patients, which is our ultimate goal.

2021 was the year of major transformations in our educational programs. The *JVS* Journal Club, now held monthly and spearheaded by Paul DiMuzio and Misty Humphries, has had dedicated followers since its inception, with 100 to 150 trainees and practicing vascular surgeons signed up for each event. The quality has been exceptional, the discussions have been lively and engaging, and we anticipate it will continue to prosper. The journal club represents a great way to read and understand papers published in all *JVS* journals.

Ulka Sachdev-Ost, our new Associate Editor with a focus on Diversity, Equity and Inclusion (DEI), developed the *JVS* internship to teach residents and fellows about the process of reviewing vascular papers. Our goal with this educational program was both training the next generation of reviewers as well as improving their clinical and basic research skills. We have seven interns, and each has a mentor who works with them closely in reviewing papers and making suggestions for improvement. Interns also attend monthly presentations by the *JVS* faculty. These sessions will be available online in the new SVS learning system.

Our collaboration with Audible Bleeding deserves special recognition. The discussion of four highlighted papers each month has opened the journal to those who use podcasts to keep current on vascular publications, often while carrying very busy schedules as residents and fellows. Thanks to Nicole Rich, Adham Elmously, Adam Johnson, Sharif Ellozy, Jacob Schwartzman, and other founders and collaborators of Audible Bleeding who have created a great learning tool for our journal.

The progress *JVS* journals made was due to the outstanding manuscripts our authors submitted from around the world, and we are grateful for these contributions. Success, however, would not have been achieved without the hard work and expertise of an exceptional *JVS-CIT* team. We greatly appreciate the contributions of our Associate Editors, Thomas L. Forbes, Fred A. Weaver, Ulka Sachdev-Ost, Alan Dardik, Gregory L. Moneta, and Cynthia K. Shortell; and of our Assistant Editors, Ruth L. Bush, Keith Calligaro, Bernardo Mendes, Paul DiMuzio, and Daniel K. Han. We also express our deepest gratitude to the dedicated members of our *JVS-CIT* editorial board and our many reviewers, listed below, who have read, reviewed, and re-reviewed an increasing number of submissions. In recognition of a most successful year, we are pleased to extend the current positions of all our editors and editorial board members for the next 6 months. Thus, the new editorial leadership, who will start in July 2022, will have an opportunity to select new editors and editorial board members from the many outstanding individuals who wish to contribute to the *JVS* journals.

Finally, we are particularly thankful to our dedicated *JVS* staff, Senior Managing Editor Jessica McEwan, Managing Editors Alexandria Sese and Tyler Cosgrove, Senior Editorial Assistant Carlee Green, and Editorial Assistant Emily Sachs. We are also grateful to the SVS and our sponsoring societies who support our journal and enable us to publish great articles from their annual meetings. As we welcome a new year in 2022, we continue to be thankful for the honor and the opportunity to serve you as editors of the great family of *JVS* Journals.

Peter Gloviczki, MD

Peter F. Lawrence MD

Editors, Journal of Vascular Surgery Publications

Table. Top 10 most viewed *JVS-CIT* articles, published in 2020

Publication year	Document title	Authors	Volume	Issue	Views
2020	Achieving a popliteal venous access for renal replacement therapy in critically ill COVID-19 patient in prone position ¹	Adams E, Mousa AY	6	2	122
2020	Arterial thrombotic complications in COVID-19 patients ²	Levolger S, Bokkers RPH, Wille J, Kropman RHJ, de Vries JPM	6	3	82
2020	Arterial thromboembolism associated with COVID-19 and elevated D-dimer levels ³	Garg K, Barfield ME, Pezold ML, Sadek M, Cayne NS, Lugo J, Maldonado TS, Berland TL, Rockman CB, Jacobowitz GR	6	3	75
2020	Atypical COVID-19 presentation in a patient undergoing staged thoracoabdominal aortic aneurysm repair ⁴	Resch T, Vogt K, Eldrup N	6	3	75
2020	Acute aortic thrombosis in COVID-19 ⁵	Baeza C, González A, Torres P, Pizzamiglio M, Arribas A, Aparicio C	6	3	63
2020	Leiomyosarcoma of the inferior vena cava ⁶	Chzhao A, Zotikov A, Karmazanovsky G, Gurmikov B, Ivandae A.	6	2	61
2020	Acute thrombotic events as initial presentation of patients with COVID-19 infection ⁷	Ilonzo N, Rao A, Berger K, Phair J, Vouyouka A, Ravin R, Han D, Finlay D, Tadros R, Marin M, Faries P	6	3	57
2020	Acute aortoiliac and infrainguinal arterial thrombotic events in four patients diagnosed with the novel coronavirus 2019 ⁸	Wengerter SP, Wengerter KR, Masoudpoor H, Sagarwala A, Karim O, Rao N, Gillen J, Choi HM, Bernik T, Schwartz ML	6	4	50
2020	Acute upper limb ischemia as the first manifestation in a patient with COVID-19 ⁹	Shao T, In-Bok Lee C, Jabori S, Rey J, Duran ER, Kang N	6	4	43
2020	Acute limb ischemia as sole initial manifestation of SARS-CoV-2 infection ¹⁰	Thompson O, Pierce D, Whang D, O'Malley M, Geise B, Malhotra U	6	4	43

ACKNOWLEDGMENT OF REVIEWERS

We are extremely grateful for our expert reviewers for their valuable contributions. Peer reviewers work without compensation and unselfishly provide their time and expertise to our journals. Peer review is essential to validate the credibility of scientific research by others working in the same field. The goal is to maintain the integrity of science, to improve the quality of the manuscripts, and provide valuable input to the editors who decide on the fate of the manuscripts.

ACKNOWLEDGMENT OF ASSOCIATE AND ASSISTANT EDITORS

We are blessed to have excellent Associate and Assistant Editors, who helped us in 2021 to manage the increasing number of submissions, without compromising the high quality of the articles published in *JVS-CIT*. Drs Thomas L. Forbes, Gregory L. Moneta, Cynthia K. Shortell, and Fred A. Weaver served as Associate Editors for Clinical Studies and dealt with an overwhelming number of submissions this year. They were joined by Dr Ulka Sachdev-Ost, who reviewed both clinical and research papers, lead our efforts to improve diversity, equity and inclusion in our editorial system and directs the *JVS* internship program- great job by a dedicated surgeon. We are also thankful for the contributions of our Associate Editor for Basic Science, Dr Alan Dardik, who excels now in his new role as Editor of *JVS-Vascular Science*. We are thankful to our Assistant Editors Drs Ruth L. Bush and Keith D. Calligaro, and our new Assistant Editor for Reviews, Dr Audra Duncan for her expertise and hard work. Finally, we recognize the efforts of Dr Bernardo Mendes for his outstanding contributions to get the best vascular image articles published in *JVS* journals and for spearheading our new vascular video program.

Special thanks to Dr Paul J. DiMuzio, Editor for Social Media, director of the *JVS* journal clubs and author of *JVS* Press Releases and to Dr Daniel Han, who has become a master editor producing Visual Abstracts and helped us tremendously to increase our social media presence on Twitter, Facebook, LinkedIn, and other platforms.

ACKNOWLEDGMENT OF THE EDITORIAL BOARD

We are thankful for the valuable contributions made by our excellent Editorial Board in 2021. In addition to the review and rereview of a large number of original articles, our editorial board members frequently contributed to *JVS-CIT* with commentaries and editorials. Members of the Editorial Board performed an average of 2 reviews each year, and during 2021 this accounted for 31% of all the reviews performed.

The Editors would like to recognize all board members, who will continue their assignments in 2022.

BOARD MEMBERS

Ahmed M. Abou-Zamzam	Ellen Dillavou	Glenn R. Jacobowitz	Nick Morrison
Christopher J Abularrage	Hasan Haldun Dosluoglu	Arjun Jayaraj	Patrick Muck
Jose Ignacio Almeida	Matthew J. Dougherty	William D Jordan	Naiem Nassiri
Pier Luigi Antignani	Luc Dubois	Manju Kalra	Thomas Noppeney
Zachary M Arthurs	Matthew J. Eagleton	Jeanwan Kang	Andrea Tara Obi
Faisal Aziz	Eric David Endean	Vikram S. Kashyap	Gustavo S. Oderich
Trissa Babrowski	Luke S. Erdoes	Pedro Pablo Komlos	Thomas F. O'Donnell
Iris Baumgartner	Spencer Galt	Nicos Labropoulos	Takao Ohki
Adam W. Beck	Hugh Gelabert	Gregory J. Landry	Kathleen Ozsvath
Haraldur Bjarnason	Sergio Giancesini	Byung-Boong Lee	Woosup Michael Park
John Blebea	Kathleen D. Gibson	Thomas F. Lindsay	Kurosh Parsi
Kellie R. Brown	Manjit S Gohel	G. Matthew Longo	Marc A. Passman
Patrick H. Carpentier	Jerry Goldstone	Marzia Lugli	Lakshmikumar Pillai
Venita Chandra	Philip P Goodney	Fedor Lurie	Amani Politano
Stephen WK Cheng	Linda Harris	Thomas G. Lynch	Lori Pounds
Jayer Chung	Stéphan Haulon	M. Ashraf Mansour	Thomas M. Proebstle
Daniel G. Clair	Nasim Hedayati	Jesse Manunga	Alessandra Puggioni
Anthony J. Comerota	Caitlin W. Hicks	William A. Marston	William J. Quinones-Baldrich
Rachel Danczyk	Anil Hingorani	Tara M Mastracci	Joseph D. Raffetto
David L. Dawson	Misty D Humphries	Elna M. Masuda	Ravi R Rajani
Randall R. DeMartino	Mark D. Iafrati	Joseph L. Mills	Seshadri Raju
	Karl A. Illig	J. Gregory Modrall	Todd E. Rasmussen

Lars Rasmussen	Joseph R. Schneider	Benjamin Ware Starnes	Thomas W. Wakefield
Pauline	Lewis B. Schwartz	David H. Stone	Jinsong Wang
Raymond-Martimbeau	Sherry D Scovell	Michael Clinton Stoner	Jonathan Michael Weiswasser
Amy B Reed	Sherene Shalhub	Julianne Stoughton	Mark S Whiteley
Timothy A Resch	Evgeny	Gale L. Tang	Cees Wittens
Michael J. Rohrer	Vladimirovich Shaydakov	Ramesh Kaushal Tripathi	Karen Woo
Vincent L. Rowe	Claudie Mcarthur Sheahan	Jorge H. Ulloa	
Russell H. Samson	Jeffrey J Siracuse	Tomasz Urbanek	
Marc L. Schermerhorn	Matthew R. Smeds	André M. Van Rij	

DISTINGUISHED REVIEWERS

The Editors would like to recognize the Distinguished Reviewers of the Journal of Vascular Surgery: Cases, Innovations and Techniques, who have performed more than five reviews during the review period between January and September 2021, and who consistently performed the highest-rated and timely reviews. Distinguished Reviewers contributed 13% of all reviews. We thank them for their efforts to assure a high-quality peer-review process.

Mario D'Oria	Anahita Dua	Leigh Ann O'Banion
Dean A. Healy	Yana Etkin	Palma Shaw
Ying Wei Lum	Kakra Hughes	Britt H Tonnessen
Jovan Markovic	Sharon C Kiang	Douglas Alan Troutman
Bernardo Mendes	Meryl Simon Logan	Eleftherios S. Xenos
William Todd Bohannon	Sebastian Mafeld	Sara L. Zettervall
Leo J Daab	Graeme McFarland	

REVIEWERS

The Editors are grateful to many clinicians and scientists who performed at least one review for the Journal during 2021. This group includes several New Reviewers. These reviewers performed 57% of all reviews and contributed greatly to our peer-review process. We would like to express our gratitude to them and look forward to working with them and with many more new reviewers in 2022.

Babak Abai	Paul J. Gagne	Gregory A Magee
Joshua David Arnold	Robert H. Geelkerken	Robert A. McCready
Martin R. Back	David L. Gillespie	James Thomas McPhee
Jeffrey L. Ballard	Alexander Gombert	Tetsuro Miyata
Donald Baril	Raul J. Guzman	Wesley S. Moore
Jonathan Bath	Randolph P. Guzman	Nicholas Morrissey
Carlos Fares Bechara	Robert I Hacker	Albeir Mousa
Jean-Pierre Becquemin	Daniel Kyung Han	Stuart I. Myers
Jan D. Blankensteijn	Heitham T. Hassoun	David G. Neschis
Piergiorgio Cao	Jamal J Hoballah	Patrick J. O'Hara
Ankur Chandra	Glenn C. Hunter	Robert B. Patterson
Jae Sung Cho	Jeffrey Indes	Tomas Pfeiffer
Lori Choi	Takehisa Iwai	Eberhard Rabe
Michael C. Dalsing	Benjamin M Jackson	John E. Rectenwald
Mark G. Davies	Steven G. Katz	Michael A. Ricci
Jose Antonio Diaz	Lois A. Killewich	John J. Ricotta
Paul Joseph DiMuzio	Martyn Knowles	David Andrew Rigberg
Audra A. Duncan	Ted R. Kohler	William P. Robinson
John F. Eidt	Peter F. Lawrence	Daniel S. Rush
Jens Eldrup-Jorgensen	Jason T. Lee	Gregory Gordon Salzler
James R. Elmore	Timothy K. Liem	Malachi G. Sheahan
Darwin Eton	Michael P. Lilly	Niten Singh
Javairiah Fatima	Bengt Lindblad	Paul C Tang
Bram Fioole	Evan C. Lipsitz	Gerald S. Treiman
Julie A. Freischlag	Sean P. Lyden	Shirling Tsai

R. James Valentine
Hence J. M. Verhagen
Jean-Paul de Vries
Fred A Weaver
Rana O. Afifi
Dean J Arnaoutakis
amir azarbal
Ali Azizzadeh
Jocelyn Beach
Robert J. Beaulieu
Jaime Benarroch-Gampel
Saideep Bose
David K.W. Chew
Jill Colglazier
Mitchell Wayne Cox
Nuno V Dias
Anton Dias Perera
Young Erben
Robert J Feezor
Charles James Fox
Heather L Gill
Elisa Greco
Eric S Hager
Karem Harth
Ali Irshad
Houman Jalaie
Douglas W Jones

Enjae Jung
David S Kauvar
Issam Koleilat
Kimihiro Komori
Shang Loh
Thanila Macedo
Colleen Moore
Raghu L Motaganahalli
Shardul Bal Nagre
Aravinda Nanjundappa
April Estelle Nedeau
Cassius Iyad Ochoa Chaar
Francisco Osse
Eric K Peden
Danielle Marie Pineda
George Theodore Pisimisis
Elina Quiroga
Bala Ramanan
Muhammad Ali A Rana
Thomas Reifsnyder
Addi Rizvi
Graham Roche-Nagle
Jean Marie Ruddy
Salvatore Scali
Geert Willem Schurink
Jessica P Simons
Christopher L. Skelly

Emily Spangler
Bjoern Dominik Suckow
Matthew Sweet
David Szalay
Tze-Woei Tan
Bryan Tillman
Magdiel Trinidad Hernandez
Brant W. Ullery
Suresh Vedantham
Chandu Vemuri
Grace J Wang
Mark Wheatcroft
Mohamed Adel Zayed
Kenneth Richard Ziegler
Matthew S Edwards
Bruce M Elliott
Patrick J. Geraghty
Sukgu M Han
E. John Harris
Donald L. Jacobs
David N. Ku
Judith C Lin
Mahmoud Malas
Marc E Mitchell
Heron Rodriguez
Oren K. Steinmetz
Gian Franco Veraldi

STATISTICAL REVIEWERS

Finally, the Editors thank our statistical reviewers.

Richard Amdur
William Scott Harmsen
Jay Mandrekar
Edward Joseph Mascha
Charles Miller

JVS INTERNS

We also would like to recognize our JVS Interns, who have already contributed to our journals with numerous excellent reviews. They are our future ambassadors, reviewers and editors. We are thankful for their interest in JVS and for their hard work as our reviewers. We list them below together with their JVS Mentors.

Intern	Mentor
Jessica M. Mayor	Paul DiMuzio
Akiko Tanaka	Keith Calligaro
Anand Brahmandam	Ulka Sachdev
Shernaz S. Dossabhoy	Thomas Forbes
Laura M. Drudi	Audra Duncan
Christopher Audu	Alan Dardik
Elizabeth L. Chou	Gale Tang

REFERENCES

1. Adams E, Mousa AY. Achieving a popliteal venous access for renal replacement therapy in critically ill COVID-19 patient in prone position. *J Vasc Surg Cases Innov Tech* 2020;6:266-8.
2. Levolger S, Bokkers RPH, Wille J, Kropman RHJ, de Vries JPM. Arterial thrombotic complications in COVID-19 patients. *J Vasc Surg Cases Innov Tech* 2020;6:454-9.
3. Garg K, Barfield ME, Pezold ML, Sadek M, Cayne NS, Lugo J, et al. Arterial thromboembolism associated with COVID-19 and elevated D-dimer levels. *J Vasc Surg Cases Innov Tech* 2020;6:348-51.
4. Resch T, Vogt K, Eldrup N. Atypical COVID-19 presentation in a patient undergoing staged thoracoabdominal aortic aneurysm repair. *J Vasc Surg Cases Innov Tech* 2020;6:337-9.
5. Baeza C, González A, Torres P, Pizzamiglio M, Arribas A, Aparicio C. Acute aortic thrombosis in COVID-19. *J Vasc Surg Cases Innov Tech* 2020;6:483-6.
6. Chzhao A, Zotikov A, Karmazanovsky G, Gurmikov B, Ivandaev A. Leiomyosarcoma of the inferior vena cava. *J Vasc Surg Cases Innov Tech* 2020;6:307-10.
7. Ilonzo N, Rao A, Berger K, Phair J, Vouyouka A, Ravin R, et al. Acute thrombotic events as initial presentation of patients with COVID-19 infection. *J Vasc Surg Cases Innov Tech* 2020;6:381-3.
8. Wengerter SP, Wengerter KR, Masoudpoor H, Sagarwala A, Karim O, Rao N, et al. Acute aortoiliac and infrainguinal arterial thrombotic events in four patients diagnosed with the novel coronavirus 2019. *J Vasc Surg Cases Innov Tech* 2020;6:698-702.
9. Shao T, In-Bok Lee C, Jabori S, Rey J, Duran ER, Kang N. Acute upper limb ischemia as the first manifestation in a patient with COVID-19. *J Vasc Surg Cases Innov Tech* 2020;6:674-7.
10. Thompson O, Pierce D, Whang D, O'Malley M, Geise B, Malhotra U. Acute limb ischemia as sole initial manifestation of SARS-CoV-2 infection. *J Vasc Surg Cases Innov Tech* 2020;6:511-3.