



Stanley G. Rockson, MD

Allan and Tina Neill Professor of Lymphatic Research and Medicine
Medicine - Cardiovascular Medicine

CLINICAL OFFICE (PRIMARY)

- **Cardiovascular Medicine**

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Bio

CLINICAL FOCUS

- Lymphatic Diseases
- Cardiology (Heart)
- Cardiology (Heart), Preventive
- Cardiovascular Disease

ACADEMIC APPOINTMENTS

- Professor - University Medical Line, Medicine - Cardiovascular Medicine
- Member, Bio-X
- Member, Cardiovascular Institute
- Member, Stanford Cancer Institute

ADMINISTRATIVE APPOINTMENTS

- Member, Trans-NIH Angiogenesis Research Program (TARP), National Institutes of Health, (2004- present)
- Member, Trans-NIH Coordinating Committee for Lymphatic Research, (2002- present)
- Chair, Gordon Research Conference: Molecular Mechanisms of Lymphatic Function and Disease, (2002-2004)
- Associate Program Director, Internal Medicine Residency Program, Stanford University, (1999-2008)
- Editorial Board, Angiology, (1997- present)
- Editor-in-Chief, Lymphatic Research and Biology, (2002- present)
- Chair, Scientific Advisory Committee, Lymphatic Research Foundation, (1999- present)
- Director, Stanford Center for Lymphatic and Venous Disorders, Stanford University, (2000- present)
- Chief of Consultative Cardiology, Stanford University, (1997- present)
- Allan and Tina Neill Professor of Lymphatic Research and Medicine, Stanford University, (2008- present)

HONORS AND AWARDS

- Dean's Award for Excellence in Teaching, Stanford University (2004)
- Lymphatic Research Leadership Award, Lymphatic Research Foundation (2004, 2006)
- Chief Resident's Teaching Award, Stanford University (2003)
- Teaching Award in Cardiology, Stanford University (2000)
- David W. Rytand Award for Excellence in Clinical Teaching, Stanford University (1999)
- Samuel Levine Fellow, American Heart Association (1977)
- Roche Award for Clinical Excellence, Duke University (1975)
- John A. White Fellow, North Carolina Arthritis Foundation (1974-5)
- Alpha Omega Alpha, Duke University (1973)
- Phi Beta Kappa, Duke University (1971)
- David W. Rytand Award for Excellence in Clinical Teaching, Department of Medicine, Stanford University (1999)
- Teaching Award in Cardiology, Department of Medicine, Stanford University (2000)
- Chief Residents' Teaching Award, Department of Medicine, Stanford University (2003)
- Franklin G. Ebaugh Jr. Award for Mentoring Medical Students, Stanford University (2008)
- E. William Hancock Cardiovascular Medicine Teaching Award, Stanford University (2008)
- Pioneer Award, Lymphatic Research Foundation (2009)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editor-in-Chief, Lymphatic Research and Biology (2002 - present)
- Founding Chair, Lymphatic Education and Research Network (LE&RN) (1999 - present)
- Board of Directors, American Board of Venous and Lymphatic Medicine (2017 - present)

PROFESSIONAL EDUCATION

- Fellowship: Massachusetts General Hospital Cardiology Fellowship (1981) MA
- Residency: Brigham and Women's Hospital Internal Medicine Residency (1977) MA
- Medical Education: Duke University School of Medicine (1975) NC
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (1981)
- Board Certification: Internal Medicine, American Board of Internal Medicine (1978)

COMMUNITY AND INTERNATIONAL WORK

- Co-Founder

PATENTS

- Stanley G. Rockson, Mark R. Nicolls, Wen A. Tian, Xinguo Jiang, Jeanna Kim. "United States Patent 10,500,178 B2 LTB4 Inhibition to Prevent and Treat Human Lymphedema", Leland Stanford Junior University, Oct 10, 2019
- Raymond Tabibiazar, Stanley G. Rockson. "United States Patent 8,965,708 B2 Method for the Treatment of Acquired Lymphedema", Leland Stanford Junior University, Feb 24, 2015

LINKS

- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Biomarker identification in lymphatic vascular disease

Drug therapy to reverse lymphatic disease - animal model and pilot human studies

Lymphangiogenesis in Acute and Chronic Experimental Lymphedema

Lymphangiogenesis in Lymphatic Insufficiency: Lymphatic Endothelial and Inflammatory RNA Expression Patterns

Genome-wide Transcriptional Profiling for the Study of Lymphedema Pathobiology, Cellular Signaling Mechanisms and Mechanisms of Therapeutic Lymphangiogenesis

Peripheral Arterial Disease and Critical Limb Ischemia

Randomized trials for the intracoronary infusion of VEGF (vascular endothelial growth factor) to treat advanced coronary artery disease.

Lipid-lowering outcomes trials in coronary and peripheral atherosclerosis.

Clinical outcomes trials to assess therapeutic interventions in post-mastectomy and other forms of lymphedema.

CLINICAL TRIALS

- Characterization of Treatment Responses in Lymphedema, Recruiting
- International Lymphatic Disease and Lymphedema Registry, Recruiting
- Biomarkers for the Detection of Lymphatic Insufficiency, Not Recruiting
- Breast Cancer Lymphedema: Role of Insulin Resistance/FOXO2, Not Recruiting
- Lymphedema Prophylaxis in Breast Cancer Survivors Who Show Early Evidence of High-risk Status, Not Recruiting
- Lymphedema Study for Arm or Leg Lymphedema, Not Recruiting
- National Breast Cancer and Lymphedema Registry, Not Recruiting
- Prospective Evaluation of a Surgical Solution for Breast Cancer-Associated Lymphedema, Not Recruiting
- Recombinant Human Hyaluronidase in Treating Lymphedema in Patients With Cancer, Not Recruiting
- Trial of Acebilustat for the Treatment of Upper Arm Lymphedema, Not Recruiting
- Ubenimex in Adult Patients With Lymphedema of The Lower Limb (ULTRA), Not Recruiting
- Placebo-Controlled Therapeutic Trial for the Prevention of Lymphedema, Not Specified

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiovascular Medicine (Fellowship Program)
- Medicine (Masters Program)

Publications

PUBLICATIONS

- **The lymphedema patient experience within the healthcare system: a cross-sectional epidemiologic assessment.** *Scientific reports*
Bowman, C., Rockson, S. G.
2024; 14 (1): 12600
- **Abnormal Lymphatic Sphingosine-1-Phosphate Signaling Aggravates Lymphatic Dysfunction and Tissue Inflammation.** *Circulation*
Kim, D., Tian, W., Wu, T. T., Xiang, M., Vinh, R., Chang, J. L., Gu, S., Lee, S., Zhu, Y., Guan, T., Schneider, E. C., Bao, E., Dixon, et al
2023
- **Human collecting lymphatic glycocalyx identification by electron microscopy and immunohistochemistry.** *Scientific reports*
Gianesini, S., Rimondi, E., Raffetto, J. D., Melloni, E., Pellati, A., Menegatti, E., Avruscio, G. P., Bassetto, F., Costa, A. L., Rockson, S.
2023; 13 (1): 3022
- **Exploring disease interrelationships in patients with lymphatic disorders: A single center retrospective experience.** *Clinical and translational medicine*
Rockson, S. G., Zhou, X., Zhao, L., Hosseini, D. K., Jiang, X., Sweatt, A. J., Kim, D., Tian, W., Snyder, M. P., Nicolls, M. R.
2022; 12 (4): e760
- **Pathophysiology of the Lymphatic System in Patients With Heart Failure: JACC State-of-the-Art Review.** *Journal of the American College of Cardiology*
Itkin, M., Rockson, S. G., Burkhoff, D.
2021; 78 (3): 278-290
- **Advances in Lymphedema.** *Circulation research*
Rockson, S. G.
2021; 128 (12): 2003-2016
- **Leukotrienes in Tumor-Associated Inflammation.** *Frontiers in pharmacology*
Tian, W., Jiang, X., Kim, D., Guan, T., Nicolls, M. R., Rockson, S. G.
2020; 11: 1289
- **Platelet factor 4 is a biomarker for lymphatic-promoted disorders.** *JCI insight*
Ma, W. n., Gil, H. J., Escobedo, N. n., Benito-Martín, A. n., Ximénez-Embún, P. n., Muñoz, J. n., Peinado, H. n., Rockson, S. G., Oliver, G. n.
2020
- **Novel mutations in PIEZO1 cause an autosomal recessive generalized lymphatic dysplasia with non-immune hydrops fetalis (vol 6, 8035, 2015) NATURE COMMUNICATIONS**
Fotiou, E., Martin-Almedina, S., Simpson, M. A., Lin, S., Gordon, K., Brice, G., Atton, G., Jeffery, I., Rees, D. C., Mignot, C., Vogt, J., Homfray, T., Snyder, et al
2019; 10
- **Cancer-associated secondary lymphoedema.** *Nature reviews. Disease primers*
Rockson, S. G., Keeley, V., Kilbreath, S., Szuba, A., Towers, A.
2019; 5 (1): 22
- **Cancer-associated secondary lymphoedema NATURE REVIEWS DISEASE PRIMERS**
Rockson, S. G., Keeley, V., Kilbreath, S., Szuba, A., Towers, A.
2019; 5
- **Lymphedema after Breast Cancer Treatment NEW ENGLAND JOURNAL OF MEDICINE**
Rockson, S. G.
2018; 379 (20): 1937-44
- **Pilot studies demonstrate the potential benefits of antiinflammatory therapy in human lymphedema JCI INSIGHT**
Rockson, S. G., Tian, W., Jiang, X., Kuznetsova, T., Haddad, F., Zampell, J., Mehrara, B., Sampson, J. P., Roche, L., Kim, J., Nicolls, M. R.
2018; 3 (20)

- **Pilot studies demonstrate the potential benefits of antiinflammatory therapy in human lymphedema.** *JCI insight*
Rockson, S. G., Tian, W. n., Jiang, X. n., Kuznetsova, T. n., Haddad, F. n., Zampell, J. n., Mehrara, B. n., Sampson, J. P., Roche, L. n., Kim, J. n., Nicolls, M. R.
2018; 3 (20)
- **Leukotriene B-4 antagonism ameliorates experimental lymphedema** *SCIENCE TRANSLATIONAL MEDICINE*
Tian, W., Rockson, S. G., Jiang, X., Kim, J., Begaye, A., Shuffle, E. M., Tu, A. B., Cribb, M., Nepiyushchikh, Z., Feroze, A. H., Zamanian, R. T., Dhillon, G. S., Voelkel, et al
2017; 9 (389)
- **Lymphatic Dysfunction, Leukotrienes, and Lymphedema.** *Annual review of physiology*
Jiang, X. n., Nicolls, M. R., Tian, W. n., Rockson, S. G.
2017
- **Aligned nanofibrillar collagen scaffolds - Guiding lymphangiogenesis for treatment of acquired lymphedema.** *Biomaterials*
Hadamitzky, C., Zaitseva, T. S., Bazalova-Carter, M., Pauksho, M. V., Hou, L., Strassberg, Z., Ferguson, J., Matsuura, Y., Dash, R., Yang, P. C., Kretchetov, S., Vogt, P. M., Rockson, et al
2016; 102: 259-267
- **The Cutaneous, Net Clinical, and Health Economic Benefits of Advanced Pneumatic Compression Devices in Patients With Lymphedema** *JAMA DERMATOLOGY*
Karaca-Mandic, P., Hirsch, A. T., Rockson, S. G., Ridner, S. H.
2015; 151 (11): 1187-1193
- **Novel mutations in PIEZO1 cause an autosomal recessive generalized lymphatic dysplasia with non-immune hydrops fetalis.** *Nature communications*
Fotiou, E., Martin-Almedina, S., Simpson, M. A., Lin, S., Gordon, K., Brice, G., Atton, G., Jeffery, I., Rees, D. C., Mignot, C., Vogt, J., Homfray, T., Snyder, et al
2015; 6: 8085-?
- **Laboratory models for the investigation of lymphangiomatosis** *MICROVASCULAR RESEARCH*
Rockson, S. G.
2014; 96: 64-67
- **New developments in clinical aspects of lymphatic disease** *JOURNAL OF CLINICAL INVESTIGATION*
Mortimer, P. S., Rockson, S. G.
2014; 124 (3): 915-921
- **Lymphedema prevalence and treatment benefits in cancer: impact of a therapeutic intervention on health outcomes and costs.** *PLoS one*
Brayton, K. M., Hirsch, A. T., O'Brien, P. J., Cheville, A., Karaca-Mandic, P., Rockson, S. G.
2014; 9 (12)
- **The Lymphatics and the Inflammatory Response: Lessons Learned from Human Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2013; 11 (3): 117-120
- **Prospective Transcriptomic Pathway Analysis of Human Lymphatic Vascular Insufficiency: Identification and Validation of a Circulating Biomarker Panel** *PLOS ONE*
Lin, S., Kim, J., Lee, M., Roche, L., Yang, N. L., Tsao, P. S., Rockson, S. G.
2012; 7 (12)
- **Lower Extremity Cancers** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Lee, M., Rockson, S. G.
edited by Lee, B. B., Bergan, J., Rockson, S. G.
2011: 507-13
- **Medical Treatment** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G.
edited by Lee, B. B., Bergan, J., Rockson, S. G.
2011: 273-75

- **Physiology, Pathophysiology, and Lymphodynamics: General Overview** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G.
edited by Lee, B. B., Bergan, J., Rockson, S. G.
2011: 59–61
- **Lymphodynamics** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G.
edited by Lee, B. B., Bergan, J., Rockson, S. G.
2011: 63–64
- **Etiology and Classification of Lymphatic Disorders** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G.
edited by Lee, B. B., Bergan, J., Rockson, S. G.
2011: 11–28
- **Compression Therapy** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G.
edited by Lee, B. B., Bergan, J., Rockson, S. G.
2011: 251–55
- **Intermittent Pneumatic Compression Therapy** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G.
edited by Lee, B. B., Bergan, J., Rockson, S. G.
2011: 257–61
- **Head and Neck Lymphedema** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Vaillant-Newman, A., Rockson, S. G.
edited by Lee, B. B., Bergan, J., Rockson, S. G.
2011: 295–306
- **Genetic Prospects for Lymphedema Management** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G.
edited by Lee, B. B., Bergan, J., Rockson, S. G.
2011: 491–97
- **Anti-Inflammatory Pharmacotherapy with Ketoprofen Ameliorates Experimental Lymphatic Vascular Insufficiency in Mice** *PLOS ONE*
Nakamura, K., Radhakrishnan, K., Wong, Y. M., Rockson, S. G.
2009; 4 (12)
- **Therapeutic responses to exogenous VEGF-C administration in experimental lymphedema: immunohistochemical and molecular characterization.** *Lymphatic research and biology*
Jin, D. P., An, A., Liu, J., Nakamura, K., Rockson, S. G.
2009; 7 (1): 47-57
- **The role of the lymphatic circulation in the natural history and expression of cardiovascular disease** *INTERNATIONAL JOURNAL OF CARDIOLOGY*
Nakamura, K., Rockson, S. G.
2008; 129 (3): 309-317
- **Diagnosis and management of lymphatic vascular disease** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Rockson, S. G.
2008; 52 (10): 799-806
- **The clinical spectrum of lymphatic disease** *LYMPHATIC CONTINUUM REVISITED*
Radhakrishnan, K., Rockson, S. G.
2008; 1131: 155-184
- **Estimating the population burden of lymphedema** *LYMPHATIC CONTINUUM REVISITED*

- Rockson, S. G., Rivera, K. K.
2008; 1131: 147-154
- **Animal models for the molecular and mechanistic study of lymphatic biology and disease** *LYMPHATIC CONTINUUM REVISITED*
Shin, W. S., Rockson, S. G.
2008; 1131: 50-74
 - **Biomarkers of lymphatic function and disease: state of the art and future directions.** *Molecular diagnosis & therapy*
Nakamura, K., Rockson, S. G.
2007; 11 (4): 227-238
 - **Inflammatory manifestations of experimental lymphatic insufficiency** *PLOS MEDICINE*
Tabibiazar, R., Cheung, L., Han, J., Swanson, J., Beilhack, A., An, A., Dadras, S. S., Rockson, N., Joshi, S., Wagner, R., Rockson, S. G.
2006; 3 (7): 1114-1139
 - **A pilot, prospective evaluation of a novel alternative for maintenance therapy of breast cancer-associated lymphedema [ISRCTN76522412]** *BMC CANCER*
Wilburn, O., Wilburn, P., Rockson, S. G.
2006; 6
 - **Validation of a new technique for the quantitation of edema in the experimental setting.** *Lymphatic research and biology*
Pan, D., Han, J., Wilburn, P., Rockson, S. G.
2006; 4 (3): 153-158
 - **An experimental model for the study of lymphedema and its response to therapeutic lymphangiogenesis** *BIODRUGS*
Cheung, L., Han, J., Beilhack, A., Joshi, S., Wilburn, P., Dua, A., An, A., Rockson, S. G.
2006; 20 (6): 363-370
 - **Therapeutic lymphangiogenesis with human recombinant VEGF-C.** *FASEB journal*
Szuba, A., Skobe, M., Karkkainen, M. J., Shin, W. S., Beynet, D. P., Rockson, N. B., Dakhil, N., Spilman, S., Goris, M. L., Strauss, H. W., Quertermous, T., Alitalo, K., Rockson, et al
2002; 16 (14): 1985-1987
 - **Use of a Portable, Non-pneumatic Active Compression Device in treatment of Phlebolymphe^dema: a TEAYS sub-analysis.** *Annals of vascular surgery*
Berland, T., Barfield, M., Winokur, R., Davis, S., Ralph, V., Chatham, N., Rockson, S., Maldonado, T. S.
2026
 - **Multi-specialty recommendations for the appropriate and affordable lower limb vein-lymphatic disorders management.** *International angiology : a journal of the International Union of Angiology*
Gianesini, S., Danese, M., Pagano, M., Allegra, C., Alqedrah, D., Avruscio, G., Azzolina, D., Cappello, E., Doganci, S., Farina, M., Gaddi, A., Gianaroli, L., Hussein, et al
2026; 45 (1): 1-64
 - **Atypical manifestation of pulmonary lymphatic perfusion syndrome treated with percutaneous lymphatic embolization.** *Respiratory medicine case reports*
Rezaee, M., Loening, A. M., Rockson, S., Hung, M.
2025; 58: 102327
 - **Redefining the Diagnostic Threshold for Breast Cancer-related Lymphedema.** *Annals of surgery*
Wagner, B. D., Barrio, A. V., Coriddi, M. R., Rubin, J., Boe, L. A., Shamma, R. L., Levy, J., Hespe, G. E., Yoshimatsu, H., Rockson, S. G., Mehrara, B. J.
2025
 - **APOA1 binding protein promotes lymphatic cell fate and lymphangiogenesis by relieving caveolae-mediated inhibition of VEGFR3 signaling.** *Nature communications*
Kim, J. D., Chaudhary, S., Chen, W., Astin, J., Crosier, P. S., Yu, P., Cooke, J. P., Pownall, H. J., Bellen, H. J., Le, N. T., Kiss, D. L., Wang, G., Rockson, et al
2025; 16 (1): 9286
 - **SYSTEMIC PHARMACOTHERAPY FOR LYMPHEDEMA: AN OPEN LABEL TRIAL**

Bowman, C., Varghese, G. M., Fan, H., Alnahar, O., Rockson, S. G.
SAGE PUBLICATIONS LTD.2025

- **Results from a comparative study to evaluate the treatment effectiveness of a nonpneumatic compression device vs an advanced pneumatic compression device for lower extremity lymphedema swelling (TEAYS study) (vol 13, 101965, 2025) JOURNAL OF VASCULAR SURGERY-VEIN AND LYMPHATIC DISORDERS**
Barfield, M., Winokur, R., Berland, T., Davis, S., Ralph, V., Chatham, N., Rockson, S., Maldonado, T. S.
2025; 13 (5)
- **The Use of Ultrasonography to Detect Lymphatic Dysfunction.** *Lymphatic research and biology*
Rockson, S. G.
2025
- **Lower Extremity Lymphedema: The Effect upon Gait and Function.** *Lymphatic research and biology*
Rockson, S. G.
2025
- **Atypical manifestation of pulmonary lymphatic perfusion syndrome treated with percutaneous lymphatic embolization RESPIRATORY MEDICINE CASE REPORTS**
Rezaee, M., Loening, A. M., Rockson, S., Hung, M.
2025; 58
- **Incidence of cancer-related lymphoedema: a protocol for a living systematic review with meta-analysis. BMJ open**
Plinsinga, M., Singh, B., Bloomquist, K., Bernas, M., Geyer, D., Devoogdt, N., Koelmeyer, L., Piller, N., Reul-Hirche, H., Rockson, S., Hayes, S.
2024; 14 (12): e086293
- **Incidence of cancer-related lymphoedema: a protocol for a living systematic review with meta-analysis BMJ OPEN**
Plinsinga, M., Singh, B., Bloomquist, K., Bernas, M., Geyer, D., Devoogdt, N., Koelmeyer, L., Piller, N., Reul-Hirche, H., Rockson, S., Hayes, S.
2024; 14 (12)
- **The influence of non-cancer-related risk factors on the development of cancer-related lymphedema: a rapid review. Medical oncology (Northwood, London, England)**
Stout, N. L., Dierkes, M., Oliveri, J. M., Rockson, S., Paskett, E. D.
2024; 41 (11): 274
- **Results from A Comparative Study to Evaluate the Treatment Effectiveness of a Non-Pneumatic Compression Device versus an Advanced Pneumatic Compression Device for Lower Extremity Lymphedema Swelling (TEAYS study).** *Journal of vascular surgery. Venous and lymphatic disorders*
Barfield, M., Winokur, R., Berland, T., Davis, S., Ralph, V., Chatham, N., Rockson, S., Maldonado, T. S.
2024: 101965
- **Focus on Lipedema: Unraveling the Mysteries Through Research.** *Lymphatic research and biology*
Rockson, S. G.
2024; 22 (2): 91-92
- **The Role of Inflammation in Lymphedema: A Narrative Review of Pathogenesis and Opportunities for Therapeutic Intervention.** *International journal of molecular sciences*
Bowman, C., Rockson, S. G.
2024; 25 (7)
- **Proposed Framework for Research Case Definitions of Lipedema.** *Lymphatic research and biology*
Keith, L., Seo, C., Wahi, M. M., Huggins, S., Carmody, M., Faerber, G., Forner-Cordero, I., Michelini, S., Rappich, S., Rockson, S. G.
2024
- **Genetic causes of lymphatic disorders: recent updates on the clinical and molecular aspects of lymphatic disease.** *Current opinion in cardiology*
Bowman, C., Rockson, S. G.
2024
- **Various Therapies for Lymphedema and Chronic Venous Insufficiency, Including a Multimodal At-Home Nonpneumatic Compression Treatment.** *Advances in skin & wound care*

Barnhart, H., Maldonado, T., Rockson, S. G.
2024

- **Lipedema: Focus on Disease Magnitude and Quality-of-Life.** *Lymphatic research and biology*
Rockson, S. G.
2024; 22 (1): 1
- **The Epigenetics of Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2023; 21 (6): 535
- **A quantitative analysis of lymphedema patient perceptions and subjective outcomes within the healthcare system**
Bowman, C., Rockson, S. G.
SAGE PUBLICATIONS LTD.2023: 500
- **Three-Dimensional Ultrasonography for Lipedema Diagnosis.** *Lymphatic research and biology*
Rockson, S. G.
2023; 21 (5): 431
- **Effectiveness of a Nonpneumatic Active Compression Device in Older Adults with Breast Cancer-Related Lymphedema: A Subanalysis of a Randomized Crossover Trial.** *Lymphatic research and biology*
Rockson, S. G., Skoracki, R.
2023
- **Lymphatic Malformations: What Can We Learn from the Fluid.** *Lymphatic research and biology*
Rockson, S. G.
2023; 21 (4): 338
- **Lymphedema self-care: economic cost savings and opportunities to improve adherence.** *Cost effectiveness and resource allocation : C/E*
Karaca-Mandic, P., Solid, C. A., Armer, J. M., Skoracki, R., Campione, E., Rockson, S. G.
2023; 21 (1): 47
- **Development of a rat model of lymphedema and the implantation of a collagen-based medical device for therapeutic intervention.** *Frontiers in cardiovascular medicine*
Nguyen, D., Dionyssiou, D., Zaitseva, T. S., Zhou, A. T., Sue, G., Deptula, P., Moroz, M. A., Tabada, P., Rockson, S. G., Paukshto, M. V., Cheng, M. H., Huang, N. F.
2023; 10: 1214116
- **Abnormal lymphatic S1P signaling aggravates lymphatic dysfunction and tissue inflammation.** *medRxiv : the preprint server for health sciences*
Kim, D., Tian, W., Wu, T. T., Xiang, M., Vinh, R., Chang, J., Gu, S., Lee, S., Zhu, Y., Guan, T., Schneider, E. C., Bao, E., Dixon, et al
2023
- **Lymphatics in Space.** *Lymphatic research and biology*
Rockson, S. G.
2023; 21 (3): 229
- **Treatment of rat lymphedema by propeller lymphatic tissue flap combined with nano-fibrillar collagen scaffolds.** *Journal of reconstructive microsurgery*
Dionyssiou, D., Nguyen, D., Topalis, A., Deptula, P., Paukshto, M., Zaitseva, T., Demiri, E., Cheva, A., Rockson, S.
2023
- **Acupuncture Treatment for Breast Cancer-Related Lymphedema: A Randomized Pilot Study.** *Lymphatic research and biology*
Friedman, R., Johnson, A. R., Shillue, K., Fleishman, A., Mistretta, C., Magrini, L., Tran, B. N., Rockson, S. G., Lu, W., Yeh, G. Y., Singhal, D.
2023
- **Breast Cancer-Related Lymphedema: The Primary/Secondary Conundrum.** *Lymphatic research and biology*
Rockson, S. G.
2023; 21 (2): 99-100

- **Final Analysis (NILE): A Randomized Control Cross-Over Clinical Study Comparing Dayspring: A Novel Wearable Compression Technology to Pneumatic Compression Device in the Treatment of Lymphedema**
Rockson, S. G., Skoracki, R., Armer, J.
MOSBY-ELSEVIER.2023: 45S
- **Fake-news-free evidence-based communication for proper vein-lymphatic disease management.** *International angiology : a journal of the International Union of Angiology*
Gianesini, S., Chi, Y. W., Agüero, C., Alqedrah, D., Amore, M., Barbati, M., Baturone, A., Black, S., Borsuk, D., Bottini, O., Caprini, J., Chamo, M., Cherian, et al
2023
- **Lymphedema: A Symphony of Fat and Scar.** *Lymphatic research and biology*
Rockson, S. G.
2023; 21 (1): 1
- **Author Correction: A non-randomized, open-label study of the safety and effectiveness of a novel non-pneumatic compression device (NPCD) for lower limb lymphedema.** *Scientific reports*
Rockson, S. G., Karaca-Mandic, P., Nguyen, M., Shaddock, K., Gingerich, P., Campione, E., Hettrick, H.
2023; 13 (1): 911
- **Cancer-Related Lymphedema: Primary or Secondary?** *Lymphatic research and biology*
Rockson, S. G.
2022; 20 (6): 579
- **A Novel Genetic Candidate for Primary Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
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