



Stanley G. Rockson, MD

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

CLINICAL OFFICE (PRIMARY)

- **Cardiovascular Medicine**

300 Pasteur Dr

CVRB 267 MC 5406

Stanford, CA 94305

Tel (650) 723-6459

Fax (650) 724-1444

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

- Biomarkers for the Detection of Lymphatic Insufficiency, Recruiting
- International Lymphatic Disease and Lymphedema Registry, Recruiting
- Trial of Acetilustat for the Treatment of Upper Arm Lymphedema, Recruiting
- Breast Cancer Lymphedema: Role of Insulin Resistance/FOXO2, Not Recruiting
- Characterization of Treatment Responses in Lymphedema, 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
- Placebo-Controlled Therapeutic Trial for the Prevention of Lymphedema, 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
- The GORE Viabahn Endoprosthesis for the Treatment of Venous Occlusions and Stenoses, Not Recruiting
- Ubenimex in Adult Patients With Lymphedema of The Lower Limb (ULTRA), Not Recruiting

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Cardiovascular Medicine (Fellowship Program)

- Medicine (Masters Program)

Publications

PUBLICATIONS

- **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 HeartFailure: 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., Paukshto, 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., Lee, B. B., Bergan, J., Rockson, S. G.
2011: 507-13
 - **Medical Treatment** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G., 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., Lee, B. B., Bergan, J., Rockson, S. G.
2011: 59-61
 - **Lymphodynamics** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G., 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., Lee, B. B., Bergan, J., Rockson, S. G.

2011: 11–28

- **Compression Therapy** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G., 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., 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., 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., 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
- **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., Rapprich, 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 SIP 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., Shadduck, 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.
2022; 20 (5): 467
- **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., Shadduck, K., Gingerich, P., Campione, E., Hettrick, H.
2022; 12 (1): 14005
- **Safety and Effectiveness of a Novel Non-Pneumatic Active Compression Device for Treating Breast Cancer-Related Lymphedema, a Multi-center Randomized, Crossover Trial (NILE).** *Journal of vascular surgery. Venous and lymphatic disorders*
Rockson, S. G., Whitworth, P. W., Cooper, A., Kania, S., Karnofel, H., Nguyen, M., Shadduck, K., Gingerich, P., Armer, J.

2022

- **The Impact of Dietary Fat in Lymphatic Anomalies.** *Lymphatic research and biology*
Rockson, S. G.
2022; 20 (4): 357
- **Early Investigation of the Gut-Lymph Concept.** *Lymphatic research and biology*
Rockson, S. G.
2022; 20 (3): 247
- **Management of Complex Lymphatic Anomalies with Severe Bony Involvement.** *Lymphatic research and biology*
Rockson, S. G.
2022; 20 (2): 117
- **The American venous forum, American vein and lymphatic society and the society for vascular medicine expert opinion consensus on lymphedema diagnosis and treatment.** *Phlebology*
Lurie, F., Malgor, R. D., Carman, T., Dean, S. M., Iafrazi, M. D., Khilnani, N. M., Labropoulos, N., Maldonado, T. S., Mortimer, P., O'Donnell, T. F., Raffetto, J. D., Rockson, S. G., Gasparis, et al
2022: 2683555211053532
- **Objective Noninvasive Detection and Documentation of Upper and Lower Extremity Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2022; 20 (1): 1-2
- **Hypoxia and Hypoxia-Inducible Factors in Lymphedema.** *Frontiers in pharmacology*
Jiang, X., Tian, W., Kim, D., McQuiston, A. S., Vinh, R., Rockson, S. G., Semenza, G. L., Nicolls, M. R.
2022; 13: 851057
- **Extending Diagnostic Imaging Accuracy in Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
1800; 19 (6): 515-516
- **Clinical Evaluation of a Novel Wearable Compression Technology in the Treatment of Lymphedema, an Open-Label Controlled Study.** *Lymphatic research and biology*
Rockson, S. G., Karaca-Mandic, P., Skoracki, R., Hock, K., Nguyen, M., Shaddock, K., Gingerich, P., Campione, E., Leifer, A., Armer, J.
2021
- **Lymphatic Endothelial Barrier Integrity and the Sigma-1 Receptor.** *Lymphatic research and biology*
Rockson, S. G.
2021; 19 (3): 205
- **The Kinetics of Lymphatic Dysfunction and Leukocyte Expansion in the Draining Lymph Node during LTB4 Antagonism in a Mouse Model of Lymphedema.** *International journal of molecular sciences*
Cribb, M. T., Sestito, L. F., Rockson, S. G., Nicolls, M. R., Thomas, S. N., Dixon, J. B.
2021; 22 (9)
- **Lymphedema, Inflammation, and Fat.** *Lymphatic research and biology*
Rockson, S. G.
2021; 19 (2): 115
- **Research Priorities in Lymphatic Interventions: Recommendations from a Multidisciplinary Research Consensus Panel.** *Journal of vascular and interventional radiology : JVIR*
Itkin, M., Rockson, S. G., Witte, M. H., Burkhoff, D., Phillips, A., Windsor, J. A., Kassab, G. S., Hur, S., Nadolski, G., Pabon-Ramos, W. M., Rabinowitz, D., White, S. B.
2021
- **Establishing Standards for Centers of Excellence for the Diagnosis and Treatment of Lymphatic Disease.** *Lymphatic research and biology*
Chang, D., Dayan, J., Fried, P., Patel, K., Repicci, W., Rockson, S., Singhal, D., Aldrich, M. B.
2021
- **Lymphatic Development and Implications for Diagnosis and Therapy.** *Lymphatic research and biology*

-
- Desai, S. B., Iacobas, I. n., Rockson, S. G.
2021; 19 (1): 31–35
- **Management of Lymphatic Vascular Malformations: A Systematic Review of the Literature.** *Journal of vascular surgery. Venous and lymphatic disorders*
Kalwani, N. M., Rockson, S. G.
2021
 - **Comorbidity and Lymphatic Disease: The Lymphatic Continuum Re-Examined.** *Lymphatic research and biology*
Rockson, S. G.
2021; 19 (1): 17–19
 - **Lymphatic Centers of Excellence: A New Reality, Long Overdue.** *Lymphatic research and biology*
Rockson, S. G.
2021; 19 (1): 1–2
 - **Inhibition of Fibrosis to Combat Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2020; 18 (5): 399
 - **Leukotrienes in Tumor-Associated Inflammation** *FRONTIERS IN PHARMACOLOGY*
Tian, W., Jiang, X., Kim, D., Guan, T., Nicolls, M. R., Rockson, S. G.
2020; 11
 - **The Beguiling Histopathology of the Axillary Web Syndrome.** *Lymphatic research and biology*
Rockson, S. G.
2020; 18 (4): 321
 - **Bioimpedance Analysis of Lower Extremity Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2020; 18 (2): 98
 - **Feasibility and Reliability of Rapid Diagnosis of Myocardial Infarction** *AMERICAN JOURNAL OF THE MEDICAL SCIENCES*
Engel, G., Rockson, S. G.
2020; 359 (2): 73–78
 - **Alzheimer's Disease: Can the Meningeal Lymphatics Provide the Answer?** *Lymphatic research and biology*
Rockson, S. G.
2020; 18 (1): 1
 - **Feasibility and Reliability of Rapid Diagnosis of Myocardial Infarction.** *The American journal of the medical sciences*
Engel, G., Rockson, S. G.
2020; 359 (2): 73-78
 - **Decreased lymphatic HIF-2# accentuates lymphatic remodeling in lymphedema.** *The Journal of clinical investigation*
Jiang, X. n., Tian, W. n., Granucci, E. J., Tu, A. B., Kim, D. n., Dahms, P. n., Pasupneti, S. n., Peng, G. n., Kim, Y. n., Lim, A. H., Espinoza, F. H., Cribb, M. n., Dixon, et al
2020
 - **The Role of Body Mass Index in Breast Cancer-Associated Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2020; 18 (6): 501
 - **Cutaneous Pathological Changes as Quantifiable Endpoints in Human Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2020; 18 (3): 211
 - **Clinical Presentation and Imaging Attributes of the Primary Lymphedemas.** *Lymphatic research and biology*
Rockson, S. G.
2019; 17 (6): 609

- **Global guidelines trends and controversies in lower limb venous and lymphatic disease: Narrative literature revision and experts' opinions following the vWINTER international meeting in Phlebology, Lymphology & Aesthetics, 23-25 January 2019.** *Phlebology*
Gianesini, S., Obi, A., Onida, S., Baccellieri, D., Bissacco, D., Borsuk, D., Campisi, C., Campisi, C. C., Cavezzi, A., Chi, Y., Chunga, J., Corda, D., Crippa, et al
2019; 34 (1_suppl): 4–66
- **LIMPRINT: Elucidating the Global Problem of Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2019; 17 (2): 119–20
- **LIMPRINT: Elucidating the Global Problem of Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2019; 17 (2): 119–20
- **Correction of complete thoracic duct obstruction with lymphovenous bypass: A case report** *MICROSURGERY*
Miller, T. J., Gilstrap, J. N., Maeda, K., Rockson, S., Nguyen, D. H.
2019; 39 (3): 255–58
- **Lymphedema after Breast Cancer Treatment.** *The New England journal of medicine*
Rockson, S. G.
2019; 380 (7): 694
- **Lymphedema after Breast Cancer Treatment REPLY** *NEW ENGLAND JOURNAL OF MEDICINE*
Rockson, S. G.
2019; 380 (7): 694
- **Health and economic benefits of advanced pneumatic compression devices in patients with phlebolymphe^medema**
Lerman, M., Gaebler, J. A., Hoy, S., Izhakoff, J., Gullett, L., Niecko, T., Karaca-Mandic, P., O'Donnell, T., Rockson, S. G.
MOSBY-ELSEVIER.2019: 571–80
- **Modulation of Fibroblast Growth Factor Expression in Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2019; 17 (1): 1
- **Modulation of Fibroblast Growth Factor Expression in Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2019; 17 (1): 1
- **The Lymphatic System in Obesity, Insulin Resistance, and Cardiovascular Diseases.** *Frontiers in physiology*
Jiang, X. n., Tian, W. n., Nicolls, M. R., Rockson, S. G.
2019; 10: 1402
- **Author Correction: Novel mutations in PIEZO1 cause an autosomal recessive generalized lymphatic dysplasia with non-immune hydrops fetalis.** *Nature communications*
Fotiou, E. n., Martin-Almedina, S. n., Simpson, M. A., Lin, S. n., Gordon, K. n., Brice, G. n., Atton, G. n., Jeffery, I. n., Rees, D. C., Mignot, C. n., Vogt, J. n., Homfray, T. n., Snyder, et al
2019; 10 (1): 1951
- **The Genetic Predisposition to Breast Cancer-Associated Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2019; 17 (3): 287
- **Animal Models for the Translational Investigation of Lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2019
- **Progress in the Approach to Lymphatic Vascular Malformation.** *Lymphatic research and biology*
Rockson, S. G.
2019; 17 (5): 495
- **Biomarker Assessment in Lymphedema of the Head and Neck** *LYMPHATIC RESEARCH AND BIOLOGY*

-
- Rockson, S. G.
2018; 16 (6): 497
- **Diagnosis of Early and Subclinical Lymphedema Following Breast Cancer.** *Lymphatic research and biology*
Rockson, S. G.
2018; 16 (5): 425
 - **Diagnosis of Early and Subclinical Lymphedema Following Breast Cancer** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2018; 16 (5): 425
 - **Yellow Nail Syndrome: A Mystery, Partially Solved.** *Lymphatic research and biology*
Rockson, S. G.
2018; 16 (4): 329
 - **Yellow Nail Syndrome: A Mystery, Partially Solved** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2018; 16 (4): 329
 - **Correction of complete thoracic duct obstruction with lymphovenous bypass: A case report.** *Microsurgery*
Miller, T. J., Gilstrap, J. N., Maeda, K., Rockson, S., Nguyen, D. H.
2018
 - **Prospective Experimental Study of Microvascular Reconstruction in Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2018; 16 (3): 233
 - **Biotechnologies toward Mitigating, Curing, and Ultimately Preventing Edema through Compression Therapy** *TRENDS IN BIOTECHNOLOGY*
Hageman, D. J., Wu, S., Kilbreath, S., Rockson, S. G., Wang, C., Tate, M.
2018; 36 (5): 537–48
 - **Lymphatics and the Pathogenesis of Hypertension** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2018; 16 (2): 133
 - **Regulatory T Cells Mediate Local Immunosuppression in Lymphedema** *JOURNAL OF INVESTIGATIVE DERMATOLOGY*
Nores, G., Ly, C. L., Savetsky, I. L., Kataru, R. P., Ghanta, S., Hespe, G. E., Rockson, S. G., Mehrara, B. J.
2018; 138 (2): 325–35
 - **Growing Insights into Breast Cancer-Related Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2018; 16 (1): 1
 - **Lymphatic Medicine: Paradoxically and Unnecessarily Ignored** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2017; 15 (4): 315–16
 - **Considerations for Clinicians in the Diagnosis, Prevention, and Treatment of Breast Cancer-Related Lymphedema: Recommendations from a Multidisciplinary Expert ASBrS Panel** *ANNALS OF SURGICAL ONCOLOGY*
McLaughlin, S. A., Staley, A. C., Vicini, F., Thiruchelvam, P., Hutchison, N. A., Mendez, J., MacNeill, F., Rockson, S. G., DeSnyder, S. M., Klimberg, S., Alatraste, M., Boccardo, F., Smith, et al
2017; 24 (10): 2818–26
 - **Considerations for Clinicians in the Diagnosis, Prevention, and Treatment of Breast Cancer-Related Lymphedema, Recommendations from an Expert Panel: Part 2: Preventive and Therapeutic Options** *ANNALS OF SURGICAL ONCOLOGY*
McLaughlin, S. A., DeSnyder, S. M., Klimberg, S., Alatraste, M., Boccardo, F., Smith, M. L., Staley, A. C., Thiruchelvam, P. R., Hutchison, N. A., Mendez, J., MacNeill, F., Vicini, F., Rockson, et al
2017; 24 (10): 2827–35
 - **A Role for Near Infrared Fluorescent Imaging in the Evaluation of Lymphatic Function** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
-

2017; 15 (3): 203

- **A Comparison of Programmable and Non-Programmable Compression Devices for Treatment of Lymphedema Using an Administrative Health Outcomes Dataset.** *British journal of dermatology*
Karaca-Mandic, P., Hirsch, A. T., Rockson, S. G., Ridner, S. H.
2017
- **Lymphatic Endothelial Cells: Mechanical Stress, Cytokines, Fibrosis, and Age** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2017; 15 (2): 129
- **Isolated Human Lymphatic Vessels and Lymphatic Endothelial Cells** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2017; 15 (1): 1
- **Lymphedema in Head and Neck Cancer** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2016; 14 (4): 197
- **Pregnancy Complicated by Gorham-Stout Disease and Refractory Chylothorax.** *AJP reports*
Hellyer, J., Oliver-Allen, H., Shafiq, M., Tolani, A., Druzin, M., Jeng, M., Rockson, S., Lowsky, R.
2016; 6 (4): e355-e358
- **Erratum: Pregnancy Complicated by Gorham-Stout Disease and Refractory Chylothorax.** *AJP reports*
Hellyer, J., Oliver-Allen, H., Shafiq, M., Tolani, A., Druzin, M., Jeng, M., Rockson, S., Lowsky, R.
2016; 6 (4)
- **Lymphedema Is a Disease of the Skin** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2016; 14 (3): 123
- **EPHB4 kinase-inactivating mutations cause autosomal dominant lymphatic-related hydrops fetalis.** *journal of clinical investigation*
Martin-Almedina, S., Martinez-Corral, I., Holdhus, R., Vicente, A., Fotiou, E., Lin, S., Petersen, K., Simpson, M. A., Hoischen, A., Gilissen, C., Jeffery, H., Atton, G., Karapouliou, et al
2016; 126 (8): 3080-3088
- **Physiological Mechanisms that Predispose to the Development of Breast Cancer-Associated Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2016; 14 (2): 49
- **Ultrasonography in the Evaluation of Breast Cancer-Related Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2016; 14 (1): 1
- **Lymphedema** *VASCULAR MEDICINE*
Rockson, S. G.
2016; 21 (1): 77-81
- **Modeling the Lymphatics** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2015; 13 (4): 233
- **Detecting Lymphedema: Bioimpedance Spectroscopy and the Tissue Dielectric Constant** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2015; 13 (3): 169
- **IUA-ISVI consensus for diagnosis guideline of chronic lymphedema of the limbs.** *International angiology*
Lee, B. B., Antignani, P. L., Baroncelli, T. A., Boccardo, F. M., Brorson, H., Campisi, C., Damstra, R. J., Flour, M., Giannoukas, A., Laredo, J., Liu, N. F., Michelini, S., Piller, et al
2015; 34 (4): 311-332

- **Dietary Sodium and Lymphatic Contractile Activity** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2015; 13 (2): 75
- **Detection of Tissue Edema in Breast Cancer-Associated Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2015; 13 (1): 1
- **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-?
- **Lymphangiogenesis, the CCR7 Receptor, and Human Atherosclerosis** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2014; 12 (4): 215
- **Inflammatory Cytokines and the Lymphatic Endothelium** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2014; 12 (3): 123
- **The Role of Lymph Node Irradiation in the Pathogenesis of Acquired Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2014; 12 (2): 65
- **IL-6 regulates adipose deposition and homeostasis in lymphedema** *AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY*
Cuzzone, D. A., Weitman, E. S., Albano, N. J., Ghanta, S., Savetsky, I. L., Gardenier, J. C., Joseph, W. J., Torrisi, J. S., Bromberg, J. F., Olszewski, W. L., Rockson, S. G., Mehrara, B. J.
2014; 306 (10)
- **Acquired Lymphedema: Abnormal Fluid Clearance Engenders Tissue Remodeling** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2014; 12 (1): 1
- **Essential Role of Apelin Signaling During Lymphatic Development in Zebrafish** *ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY*
Kim, J., Kang, Y., Kim, J., Papangeli, I., Kang, H., Wu, J., Park, H., Nadelmann, E., Rockson, S. G., Chun, H. J., Jin, S.
2014; 34 (2): 338-345
- **Diagnosis and Treatment of Primary Lymphedema Consensus Document of the International Union of Phlebology (IUP)-2013** *INTERNATIONAL ANGIOLOGY*
Lee, B. B., Andrade, M., Antignani, P. L., Boccardo, F., Bunke, N., Campisi, C., Damstra, R., Flour, M., Forner-Cordero, I., Gloviczki, P., Laredo, J., Partsch, H., Piller, et al
2013; 32 (6): 541-574
- **Tissue Changes, Bioimpedance, and Acquired Lymphedema** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2013; 11 (4): 195
- **Lymphatics: Where the Circulation Meets the Immune System** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2013; 11 (3): 115-115
- **Assessing extracellular fluid volume in breast cancer lymphedema.** *Lymphatic research and biology*
Rockson, S. G.
2013; 11 (2): 65-?
- **Th2 differentiation is necessary for soft tissue fibrosis and lymphatic dysfunction resulting from lymphedema** *FASEB JOURNAL*
Avraham, T., Zampell, J. C., Yan, A., Elhadad, S., Weitman, E. S., Rockson, S. G., Bromberg, J., Mehrara, B. J.
2013; 27 (3): 1114-1126
- **The Aging Lymphatics Become More Mature** *LYMPHATIC RESEARCH AND BIOLOGY*

-
- Rockson, S. G.
2013; 11 (1): 1-1
- **Experimental lymphedema: can cellular therapies augment the therapeutic potential for lymphangiogenesis?** *Journal of the American Heart Association*
Rockson, S. G.
2012; 1 (4)
 - **Lack of Significant Interactions Between Clopidogrel and Proton Pump Inhibitor Therapy: Meta-Analysis of Existing Literature** *DIGESTIVE DISEASES AND SCIENCES*
Gerson, L. B., McMahon, D., Olkin, I., Stave, C., Rockson, S. G.
2012; 57 (5): 1304-1313
 - **Update on the biology and treatment of lymphedema.** *Current treatment options in cardiovascular medicine*
Rockson, S. G.
2012; 14 (2): 184-192
 - **Cancer Is Part of the Lymphatic Continuum** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2012; 10 (3): 95-95
 - **The Lymphatic Biology of Aging** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2012; 10 (2): 45-45
 - **Reflections on a Decade of Lymphatic Research and Biology** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2012; 10 (1): 1-1
 - **Angiogenesis, Lymphangiogenesis, and Inflammation** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2012; 10 (4): 151-151
 - **Temporal and spatial patterns of endogenous danger signal expression after wound healing and in response to lymphedema** *AMERICAN JOURNAL OF PHYSIOLOGY-CELL PHYSIOLOGY*
Zampell, J. C., Yan, A., Avraham, T., Andrade, V., Malliaris, S., Aschen, S., Rockson, S. G., Mehrara, B. J.
2011; 300 (5): C1107-C1121
 - **Stress-induced cardiomyopathy associated with a transfusion reaction: A case of potential crosstalk between the histaminic and adrenergic systems** *EXPERIMENTAL & CLINICAL CARDIOLOGY*
Zhou, J. Q., Choe, E., Ang, L., Schnittger, I., Rockson, S. G., Tremmel, J. A., Haddad, F.
2011; 16 (1): 30-32
 - **Animal Models for the Mechanistic Study of Systemic Lymphangiomatosis** *LYMPHATIC RESEARCH AND BIOLOGY*
Rockson, S. G.
2011; 9 (4): 195-199
 - **Managing Breast Cancer-Associated Lymphedema** *BREAST SURGICAL TECHNIQUES AND INTERDISCIPLINARY MANAGEMENT*
Rockson, S. G., Dirbas, F. M., ScottConner, C. E.
2011: 1015-27
 - **Embryology of the Lymphatic System and Lymphangiogenesis** *LYMPHEDEMA: A CONCISE COMPENDIUM OF THEORY AND PRACTICE*
Rockson, S. G., Lee, B. B., Bergan, J., Rockson, S. G.
2011: 43-48
 - **Blockade of Transforming Growth Factor-beta 1 Accelerates Lymphatic Regeneration during Wound Repair** *AMERICAN JOURNAL OF PATHOLOGY*
Avraham, T., Daluvoy, S., Zampell, J., Yan, A., Haviv, Y. S., Rockson, S. G., Mehrara, B. J.
2010; 177 (6): 3202-3214
 - **Current concepts and future directions in the diagnosis and management of lymphatic vascular disease** *VASCULAR MEDICINE*
Rockson, S. G.
2010; 15 (3): 223-231

- **Causes and consequences of lymphatic disease** *Conference on Lymphatics in the Digestive System - Physiology, Health, and Disease*
Rockson, S. G.
WILEY-BLACKWELL.2010: E2-E6
- **Introduction** *LYMPHATICS IN THE DIGESTIVE SYSTEM: PHYSIOLOGY, HEALTH, AND DISEASE*
Rockson, S. G., Rockson, S.
2010; 1207: E1
- **Lymphatic research: past, present, and future.** *Lymphatic research and biology*
Rockson, S. G.
2009; 7 (4): 183-187
- **Appropriate Secondary Prevention of Acute Atherothrombotic Events and Strategies to Improve Guideline Adherence** *POSTGRADUATE MEDICINE*
Rockson, S. G.
2009; 121 (1): 25-39
- **The unique biology of lymphatic edema.** *Lymphatic research and biology*
Rockson, S. G.
2009; 7 (2): 97-100
- **The lymphatic continuum revisited - Preface** *LYMPHATIC CONTINUUM REVISITED*
Rockson, S. G.
2008; 1131: IX-X
- **Gorham's disease - An osseous disease of lymphangiogenesis?** *LYMPHATIC CONTINUUM REVISITED*
Radhakrishnan, K., Rockson, S. G.
2008; 1131: 203-205
- **Molecular targets for therapeutic lymphangiogenesis in lymphatic dysfunction and disease.** *Lymphatic research and biology*
Nakamura, K., Rockson, S. G.
2008; 6 (3-4): 181-189
- **Reinforcing a continuum of care: In-hospital initiation of long-term secondary prevention following acute coronary syndromes** *CARDIOVASCULAR DRUGS AND THERAPY*
Rockson, S. G., DeGoma, E. M., Fonarow, G. C.
2007; 21 (5): 375-388
- **A novel VEGFR3 mutation causes Milroy disease** *AMERICAN JOURNAL OF MEDICAL GENETICS PART A*
Butler, M. G., Dagenais, S. L., Rockson, S. G., Glover, T. W.
2007; 143A (11): 1212-1217
- **Rapid diagnosis of myocardial injury with troponin T and CK-MB relative index** *MOLECULAR DIAGNOSIS & THERAPY*
Engel, G., Rockson, S. G.
2007; 11 (2): 109-116
- **Biomarkers of lymphatic function and disease** *MOLECULAR DIAGNOSIS & THERAPY*
Nakaniura, K., Rockson, S. G.
2007; 11 (4): 227-238
- **Lymphedema.** *Current treatment options in cardiovascular medicine*
Rockson, S. G.
2006; 8 (2): 129-136
- **Literature watch.** *Lymphatic research and biology*
Rockson, S. G.
2006; 4 (1): 57-61
- **Addressing the unmet needs in lymphedema risk management.** *Lymphatic research and biology*
Rockson, S. G.
2006; 4 (1): 42-46

- **The lymphatic continuum continues.** *Lymphatic research and biology*
Rockson, S. G.
2006; 4 (1): 1-2
- **Indirect magnetic resonance lymphangiography to assess lymphatic function in experimental murine lymphedema.** *Lymphatic research and biology*
Pan, D., Suzuki, Y., Yang, P. C., Rockson, S. G.
2006; 4 (4): 211-216
- **Treprostinil for the treatment of severe digital necrosis in systemic sclerosis** *VASCULAR MEDICINE*
Engel, G., Rockson, S. G.
2005; 10 (1): 29-32
- **Therapeutics for lymphatic disease: the role of the pharmaceutical and biotechnology sector.** *Lymphatic research and biology*
Rockson, S. G.
2005; 3 (3): 103-104
- **The lymphatic biology of Kaposi's sarcoma.** *Lymphatic research and biology*
Cheung, L., Rockson, S. G.
2005; 3 (1): 25-35
- **Lymphedema therapy in the vascular anomaly patient: therapeutics for the forgotten circulation.** *Lymphatic research and biology*
Rockson, S. G.
2005; 3 (4): 253-255
- **Literature watch. A genetic *Xenopus laevis* tadpole model to study lymphangiogenesis.** *Lymphatic research and biology*
Rockson, S. G.
2005; 3 (4): 263-267
- **Benefits of resident work hours regulation** *ANNALS OF INTERNAL MEDICINE*
Skeff, K. M., Ezeji-Okoye, S., Pompei, P., Rockson, S.
2004; 140 (10): 816-817
- **The effect of VEGF-C-induced lymphangiogenesis on gene expression profiles in experimental lymphedema** *5th Annual Conference on Arteriosclerosis, Thrombosis, and Vascular Biology*
Kiazand, A., Tsao, P., An, A. C., Han, J., Swanson, J., Berkowski, A., Karkkainen, M., Alitalo, K., Rockson, S. G.
LIPPINCOTT WILLIAMS & WILKINS.2004: E62-E62
- **The effect of VEGF-C-Induced Lymphangiogenesis on Expression profiles for Lymphangiogenesis-related genes in experimental lymphedema** *Experimental Biology 2004 Annual Meeting*
Kiazand, A., Berkowski, J. A., An, A. C., Swanson, J., Han, J., Tsao, P., Alitalo, K., Karkkainen, M., Rockson, S. G.
FEDERATION AMER SOC EXP BIOL.2004: A635-A635
- **Comparing the guidelines: Anticoagulation therapy to optimize stroke prevention in patients with atrial fibrillation** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*
Rockson, S. G., Albers, G. W.
2004; 43 (6): 929-935
- **Lymphatic biology and disease: is it being taught? Who is listening?** *Lymphatic research and biology*
Rockson, S. G., Granger, D. N., Skeff, K. M., Chaite, W.
2004; 2 (2): 86-95
- **The elusive adipose connection.** *Lymphatic research and biology*
Rockson, S. G.
2004; 2 (3): 105-106
- **Tumors, wounds, and lymph.** *Lymphatic research and biology*
Rockson, S. G.
2004; 2 (4): 153-154
- **How can lymphatic research influence lymphatic education?** *Lymphatic research and biology*

- Rockson, S. G.
2004; 2 (2): 67-68
- **The potential for molecular treatment strategies in lymphatic disease.** *Lymphatic research and biology*
An, A., Rockson, S. G.
2004; 2 (4): 173-181
 - **Coronary restenosis: A review of mechanisms and management** *AMERICAN JOURNAL OF MEDICINE*
Rajagopal, V., Rockson, S. G.
2003; 115 (7): 547-553
 - **Endothelial cell diversity revealed by global expression profiling** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Chi, J. T., Chang, H. Y., Haraldsen, G., Jahnsen, F. L., Troyanskaya, O. G., Chang, D. S., Wang, Z., Rockson, S. G., van de Rijn, M., Botstein, D., Brown, P. O.
2003; 100 (19): 10623-10628
 - **Endothelial dysfunction: Clinical strategies for treating oxidant stress** *AMERICAN HEART JOURNAL*
Fenster, B. E., Tsao, P. S., Rockson, S. G.
2003; 146 (2): 218-226
 - **Poor early sensitivity of myoglobin for the diagnosis of myocardial injury** *Asia Pacific Scientific Forum on New Discoveries in Cardiovascular Disease and Stroke*
Engel, G., Rockson, S. G.
LIPPINCOTT WILLIAMS & WILKINS.2003: E144–E144
 - **Lymphangiogenesis in lymphatic insufficiency: Lymphatic endothelial and inflammatory RNA expression patterns** *4th Annual Conference on Arteriosclerosis Thrombosis and Vascular Biology*
Shin, W. S., Rockson, N. B., Sanchez, D. R., Midde, R., Alitalo, K., Karkkainen, M., Tsao, P. S., Rockson, S. G.
LIPPINCOTT WILLIAMS & WILKINS.2003: A52–A52
 - **The third circulation: Radionuclide lymphoscintigraphy in the evaluation of lymphedema** *JOURNAL OF NUCLEAR MEDICINE*
Szuba, A., Shin, W. S., Strauss, H. W., Rockson, S.
2003; 44 (1): 43-57
 - **Immune traffic: a functional overview.** *Lymphatic research and biology*
Beilhack, A., Rockson, S. G.
2003; 1 (3): 219-234
 - **Animal models for the study of lymphatic insufficiency.** *Lymphatic research and biology*
Shin, W. S., Szuba, A., Rockson, S. G.
2003; 1 (2): 159-169
 - **Quantitative radionuclide lymphoscintigraphy predicts outcome of manual lymphatic therapy in breast cancer-related lymphedema of the upper extremity** *NUCLEAR MEDICINE COMMUNICATIONS*
Szuba, A., Strauss, W., Sirsikir, S. P., Rockson, S. G.
2002; 23 (12): 1171-1175
 - **Decongestive lymphatic therapy for patients with breast carcinoma-associated lymphedema - A randomized, prospective study of a role for adjunctive intermittent pneumatic compression** *CANCER*
Szuba, A., Achalu, R., Rockson, S. G.
2002; 95 (11): 2260-2267
 - **Rapid diagnosis of myocardial injury with troponin T and CK-MB relative index** *American-Heart-Association Abstracts From Scientific Sessions*
Engel, G., Rockson, S. G.
LIPPINCOTT WILLIAMS & WILKINS.2002: 531–31
 - **Lymphedema-lymphangiectasia-mental retardation (Hennekam) syndrome: A review** *AMERICAN JOURNAL OF MEDICAL GENETICS*
Van Balkom, I. D., Alders, M., Allanson, J., Bellini, C., Frank, U., de Jong, G., Kolbe, I., Lacombe, D., Rockson, S., Rowe, P., Wijburg, F., Hennekam, R. C.
2002; 112 (4): 412-421
 - **Myocarditis in systemic lupus erythematosus** *AMERICAN JOURNAL OF MEDICINE*

- Wijetunga, M., Rockson, S.
2002; 113 (5): 419-423
- **Diagnosis and treatment of concomitant venous obstruction in patients with secondary lymphedema** *JOURNAL OF VASCULAR AND INTERVENTIONAL RADIOLOGY*
Szuba, A., Razavi, M., Rockson, S. G.
2002; 13 (8): 799-803
 - **Therapeutic lymphangiogenesis in a rabbit ear model of chronic post-surgical lymphatic insufficiency**
Szuba, A., Skobe, M., Shin, W., Beynet, D. P., Rockson, N. B., Dakhil, N., Goris, M. L., Strauss, H. W., Quertermous, T., Alitalo, K., Rockson, S. G.
FEDERATION AMER SOC EXP BIOL.2002: A516-A516
 - **A model for chronic, post-surgical lymphatic insufficiency**
Shin, W., Szuba, A., Skobe, M., Beynet, D. P., Rockson, N. B., Dakhil, N., Goris, M. L., Strauss, H. W., Quertermous, T., Alitalo, K., Rockson, S. G.
FEDERATION AMER SOC EXP BIOL.2002: A123-A124
 - **A model of acute, post-surgical lymphedema**
Beynet, D. P., Szuba, A., Skobe, M., Rockson, N. B., Dakhil, N., Shin, W., Goris, M. L., Strauss, H. W., Quertermous, T., Alitalo, K., Rockson, S. G.
FEDERATION AMER SOC EXP BIOL.2002: A124-A124
 - **Preclinical models of lymphatic disease - The potential for growth factor and gene therapy** *Conference on the Lymphatic Continuum*
Rockson, S. G.
NEW YORK ACAD SCIENCES.2002: 64-75
 - **Lymphedema after surgery for cancer - The role of patient support groups in patient therapy** *DISEASE MANAGEMENT & HEALTH OUTCOMES*
Rockson, S. G.
2002; 10 (6): 345-347
 - **New tools for lymphatic investigation - Panel discussion** *Conference on the Lymphatic Continuum*
Rockson, S. G., Niklason, L., Zawieja, D., Ochoa, E., Granger, Gannon, B., WILTING, J., Simonian, S., Olszewski, W., Hayward
NEW YORK ACAD SCIENCES.2002: 35-38
 - **Biological principles - Panel discussion** *Conference on the Lymphatic Continuum*
Rockson, Slaviv, S., Detmer, M., Miller, A., Mouta, C., Ferrell, Zawiea, Thurston, G., Glover, T.
NEW YORK ACAD SCIENCES.2002: 76-79
 - **The lymphatic continuum - The past, present, and exciting future of lymphatic research** *Conference on the Lymphatic Continuum*
Rockson, S. G.
NEW YORK ACAD SCIENCES.2002: 1-4
 - **The role of chemokines in human cardiovascular pathology: enhanced biological insights** *ATHEROSCLEROSIS*
Shin, W. S., Szuba, A., Rockson, S. G.
2002; 160 (1): 91-102
 - **Feasibility and reliability of rapid diagnosis of myocardial infarction** *AMERICAN JOURNAL OF THE MEDICAL SCIENCES*
Engel, G., Rockson, S. G.
2001; 322 (6): 339-344
 - **Photoangioplasty recount: Clear punch or dimpled chad? Response** *CIRCULATION*
Rockson, S. G., Razavi, M., Szuba, A., Filardo, S., Fitzgerald, P., Cooke, J. P., Yousuf, S., Kramer, P., DeVault, A. R., Renschler, M. F., Adelman, D. C.
2001; 104 (11): E55-E56
 - **Angiogenesis and the ischaemic heart** *EUROPEAN HEART JOURNAL*
Tabibiazar, R., Rockson, S. G.
2001; 22 (11): 903-918
 - **Formulating clinical strategies for angiotensin antagonism: A review of preclinical and clinical studies** *AMERICAN JOURNAL OF MEDICINE*
Tabibiazar, R., Jamali, A. H., Rockson, S. G.
2001; 110 (6): 471-480

- **Lymphedema** *AMERICAN JOURNAL OF MEDICINE*
Rockson, S. G.
2001; 110 (4): 288-295
- **Photoangioplasty for human peripheral atherosclerosis - Results of a phase I trial of photodynamic therapy with motexafin lutetium (Antrin)** *72nd Annual Scientific Session of the American-Heart-Association*
Rockson, S. G., Kramer, P., Razavi, M., Szuba, A., Filardo, S., Fitzgerald, P., Cooke, J. P., Yousuf, S., DeVault, A. R., Renschler, M. F., Adelman, D. C.
LIPPINCOTT WILLIAMS & WILKINS.2000: 2322-24
- **Decongestive lymphatic therapy for patients with cancer-related or primary lymphedema** *AMERICAN JOURNAL OF MEDICINE*
Szuba, A., Cooke, J. P., Yousuf, S., Rockson, S. G.
2000; 109 (4): 296-300
- **Photoangioplasty - An emerging clinical cardiovascular role for photodynamic therapy** *CIRCULATION*
Rockson, S. G., Lorenz, D. P., Cheong, W. F., Woodburn, K. W.
2000; 102 (5): 591-596
- **Lymphedema. Current treatment options in cardiovascular medicine**
Rockson
2000; 2 (3): 237-242
- **Benefits of lipid-lowering agents in stroke and coronary heart disease: pharmacoeconomics.** *Current atherosclerosis reports*
Rockson, S. G.
2000; 2 (2): 144-150
- **Cardiovascular photodynamic therapy: State of the art** *Conference on Lasers in Surgery - Advanced Characterization, Therapeutics, and Systems X*
Woodburn, K. W., Rockson, S. G.
SPIE-INT SOC OPTICAL ENGINEERING.2000: 560-68
- **Lymphoscintigraphic manifestations of Hennekam syndrome - A case report** *ANGIOLOGY*
Rockson, S. G., De Los Santos, M., Szuba, A.
1999; 50 (12): 1017-1020
- **Complex lower extremity edema in a young woman** *VASCULAR MEDICINE*
Rockson, S. G., Szuba, A.
1999; 4 (4): 273-274
- **Lutetium Texaphyrin: A New Therapeutic Tool for Human Atherosclerosis.** *Current treatment options in cardiovascular medicine*
Rockson
1999; 1 (3): 199-202
- **Fibroblast growth factor as therapy for critical limb ischemia: a case report** *VASCULAR MEDICINE*
Cooke, J. P., Bhatnagar, R., Szuba, A., Rockson, S. G.
1999; 4 (2): 89-91
- **Images in vascular medicine. Complex lower extremity edema in a young woman.** *Vascular medicine*
Rockson, S. G., Szuba, A.
1999; 4 (4): 273-274
- **Precipitating factors in lymphedema: Myths and realities** *American-Cancer-Society Workshop on Breast Cancer Treatment-Related Lymphedema*
Rockson, S. G.
JOHN WILEY & SONS INC.1998: 2814-16
- **Workgroup III - Diagnosis and management of lymphedema** *American-Cancer-Society Workshop on Breast Cancer Treatment-Related Lymphedema*
Rockson, S. G., Miller, L. T., Senie, R., Brennan, M. J., Casley-Smith, J. R., Foldi, E., Foldi, M., Gamble, G. L., Kasseroller, R. G., Leduc, A., Lerner, R., Mortimer, P. S., Norman, et al
JOHN WILEY & SONS INC.1998: 2882-?
- **American Cancer Society Lymphedema Workshop. Workgroup III: Diagnosis and management of lymphedema.** *Cancer*

Rockson, S. G., Miller, L. T., Senie, R., Brennan, M. J., Casley-Smith, J. R., Földi, E., Földi, M., Gamble, G. L., Kasseroller, R. G., Leduc, A., Lerner, R., Mortimer, P. S., Norman, et al
1998; 83 (12): 2882-2885

● **Photodynamic angioplasty of human atherosclerosis with ANTRIN photosensitization**

Rockson, S. G., Szuba, A., Razavi, M., Yeung, A. C., Cooke, J. P.
LIPPINCOTT WILLIAMS & WILKINS.1998: 66-66

● **Myocardial ischemia and infarction due to multiple coronary-cameral fistulae: Two case reports and review of the literature** *CATHETERIZATION AND CARDIOVASCULAR DIAGNOSIS*

Wolf, A., Rockson, S. G.
1998; 43 (2): 179-183

● **Images in vascular medicine. Phlegmasia coerulea dolens--venous gangrene.** *Vascular medicine*

Szuba, A., Cooke, J. P., Rockson, S. G.
1998; 3 (1): 29-31

● **Images in vascular medicine. Lymphoscintigraphy in congenital lymphedema.** *Vascular medicine*

De Los Santos, M., Szuba, A., Rockson, S. G.
1998; 3 (4): 327-328

● **Lymphedema: classification, diagnosis and therapy.** *Vascular medicine*

Szuba, A., Rockson, S. G.
1998; 3 (2): 145-156

● **Peripheral arterial insufficiency: mechanisms, natural history, and therapeutic options.** *Advances in internal medicine*

Rockson, S. G., Cooke, J. P.
1998; 43: 253-277

● **Lymphedema: anatomy, physiology and pathogenesis.** *Vascular medicine*

Szuba, A., Rockson, S. G.
1997; 2 (4): 321-326

● **Limitations of Quantitative Coronary Angiography** *Guidebook to Coronary Endovascular Diagnostic Techniques. Geschwind HJ, Kern MJ, Editors. Futura Publications, Mt. Kisco, NY,*

Rockson S.
1997

● **Lymphedema: A review of the relevant anatomy and physiology of the lymphatics.** *Vascular Medicine*

Rockson S., Szuba A.
1997: 321-6

● **High prevalence of venous disease in patients with post mastectomy lymphedema**

Szuba, A., Hu, B. S., Brittain, J., Rockson, S. G., Cooke, J. P.
LIPPINCOTT WILLIAMS & WILKINS.1996: 1370-70

● **A novel therapy for lymphedema complicated by lymphorrhea.** *Vascular medicine*

Szuba, A., Cooke, J. P., Rockson, S. G.
1996; 1 (4): 247-250

● **Pregnancy-associated group B streptococcal endocarditis: a report of two fatal cases.** *Obstetrics and gynecology*

Sexton, D. J., Rockson, S. G., Hempling, R. E., CATHEY, C. W.
1985; 66 (3): 44S-47S

● **PREGNANCY-ASSOCIATED GROUP-B STREPTOCOCCAL ENDOCARDITIS - A REPORT OF 2 FATAL CASES** *OBSTETRICS AND GYNECOLOGY*

Sexton, D. J., Rockson, S. G., Hempling, R. E., CATHEY, C. W.
1985; 66 (3): S44-S47

● **PURIFICATION AND CHARACTERIZATION OF THE MAMMALIAN BETA-2-ADRENERGIC RECEPTOR** *BIOCHEMISTRY*

Homcy, C. J., Rockson, S. G., COUNTAWAY, J., Egan, D. A.
1983; 22 (3): 660-668

- **AN ANTIIDIOTYPIC ANTIBODY THAT RECOGNIZES THE BETA-ADRENERGIC-RECEPTOR** *JOURNAL OF CLINICAL INVESTIGATION*
Homcy, C. J., Rockson, S. G., Haber, E.
1982; 69 (5): 1147-1154
- **CELLULAR MECHANISMS OF IMPAIRED ADRENERGIC RESPONSIVENESS IN NEONATAL DOGS** *JOURNAL OF CLINICAL INVESTIGATION*
Rockson, S. G., Homcy, C. J., QUINN, P., MANDERS, W. T., Haber, E., Vatner, S. F.
1981; 67 (2): 319-327
- **ANTI-ALPRENOLOL ANTIBODIES IN THE RABBIT - A NEW PROBE FOR THE STUDY OF BETA-ADRENERGIC-RECEPTOR INTERACTION** *CIRCULATION RESEARCH*
Rockson, S. G., Homcy, C. J., Haber, E.
1980; 46 (6): 808-813
- **PLASMA DOPAMINE-BETA-HYDROXYLASE IN DIAGNOSIS OF NEUROBLASTOMA** *CANCER*
Rockson, S. G., Stone, R. A., ODERE, F., GUNNELLS, J. C.
1976; 37 (1): 386-389
- **PLASMA DOPAMINE-BETA-HYDROXYLASE ACTIVITY IN ORAL-CONTRACEPTIVE HYPERTENSION** *CIRCULATION*
Rockson, S. G., Stone, R. A., GUNNELLS, J. C., Schanberg, S. M., KIRSHNER, N., Robinson, R. R.
1975; 51 (5): 916-923
- **LESCH-NYHAN SYNDROME - EVIDENCE FOR ABNORMAL ADRENERGIC FUNCTION** *SCIENCE*
Rockson, S., Stone, R., VANDERWE, M., Kelley, W. N.
1974; 186 (4167): 934-935
- **SOLITARY RENAL CYST WITH SEGMENTAL ISCHEMIA AND HYPERTENSION** *JOURNAL OF UROLOGY*
Rockson, S. G., Stone, R. A., GUNNELLS, J. C.
1974; 112 (5): 550-552