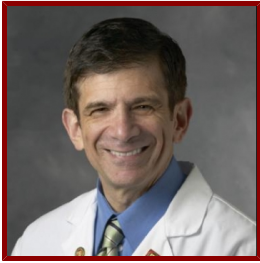


Stanford



Stanley G. Rockson, MD

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

CLINICAL OFFICES

- **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 - Med Center 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)

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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)

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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

- Medical Education: Duke University GME Training Verifications (1975) NC
- Residency: Brigham and Women's Hospital Harvard Medical School (1977) MA
- Internship: Brigham and Women's Hospital Harvard Medical School (1976) MA
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (1981)
- Fellowship: Massachusetts General Hospital (1981) MA

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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
- National Breast Cancer and Lymphedema Registry, 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

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Teaching

COURSES

2016-17

- Cardiovascular and Pulmonary Sciences Seminar: MED 223 (Aut, Win)

2015-16

- Cardiovascular and Pulmonary Sciences Seminar: MED 223 (Aut, Win)

STANFORD ADVISEES

Scholarly Concentration Director

Holly Elser

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

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

Publications

PUBLICATIONS

- **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.** *The 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)
- **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., Nicolls, M. R., Tian, W., Rockson, S. G.
2017

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