



## Ronald Witteles

Professor of Medicine (Cardiovascular Medicine) at the Stanford University Medical Center

Medicine - Cardiovascular Medicine

### CLINICAL OFFICES

- **Heart Failure Program CV Medicine**

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### Bio

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#### BIO

Dr. Ronald Witteles is a Cardiologist who specializes in the treatment of patients with Heart Failure. He has particular expertise in the treatment of Amyloidosis, Sarcoidosis, and cardiac complications of cancer therapy (sometimes called "CardioOncology"). He serves as Co-Director of the Stanford Amyloid Center, one of the world's leading centers for the care of patients with amyloidosis, and serves as Co-Director of the Stanford Multidisciplinary Sarcoidosis Program. He is an Associate Editor for JACC: CardioOncology, the world's leading journal dedicated to the field of CardioOncology. Dr. Witteles has published extensively in his areas of expertise, and has won many awards for his excellence in both patient care and education.

Dr. Witteles serves as Program Director for the Stanford Internal Medicine residency program -- directly supervising the training of more than 140 physicians each year. He holds board certification in Internal Medicine, Cardiovascular Disease, and Advanced Heart Failure/Transplant Cardiology.

#### CLINICAL FOCUS

- Amyloidosis
- CardioOncology (cardiac complications of cancer therapy)
- Sarcoidosis
- Heart Failure
- Cardiovascular Disease

#### ACADEMIC APPOINTMENTS

- Professor - Med Center Line, Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

#### ADMINISTRATIVE APPOINTMENTS

- Program Director, Internal Medicine Residency Training Program, (2011- present)
- Co-Director, Stanford Amyloid Center, (2008- present)

- Co-Director, Stanford Multidisciplinary Sarcoidosis Program, (2019- present)
- Sr. Associate Program Director, Internal Medicine Residency Training Program, (2009-2011)
- Associate Director, Coronary Care Unit (CCU), (2008-2009)

## HONORS AND AWARDS

- Calvin Fentress Research Fellowship, University of Chicago Pritzker School of Medicine (1999)
- M.D. with Honors (highest distinction by U. of Chicago), University of Chicago Pritzker School of Medicine (2000)
- Francis G. Ebaugh, Jr. Research Award, Stanford University Dept. of Internal Medicine (2001, 2002, 2003)
- Outstanding Clinical Teaching Award, Stanford University Dept. of Internal Medicine (2002, 2003)
- Charles Dorsey Armstrong Clinical Excellence Award, Stanford University Dept. of Internal Medicine (2003)
- National Associates' Research Award, American College of Physicians/American Society of Internal Medicine (2004)
- First Author - Selected as one of 10 most important heart failure articles in 2004, Journal of the American College of Cardiology (2005)
- National Research Fellowship Award, Heart Failure Society of America (2006)
- Clinical Excellence Award, Stanford University Division of Cardiovascular Medicine (2006)
- Timothy F. Beckett, Jr. Award for Excellence in Teaching by a Medicine Fellow, Stanford Univ. Dept. of Internal Medicine (2006)
- Clinical Research Award, Stanford Univ. Division of Cardiovascular Medicine (2007)
- First Author - Selected as one of 15 most important heart failure articles in 2007, Journal of the American College of Cardiology (2008)
- David W. Rytand Award for Excellence in Clinical Teaching by a Department of Medicine faculty member, Stanford University Department of Internal Medicine (2009, 2010)

## PROFESSIONAL EDUCATION

- Board Certification: Advanced Heart Failure and Transplant Cardiology, American Board of Internal Medicine (2012)
- Fellowship: Stanford University School of Medicine (2007) CA
- Residency: Stanford University School of Medicine (2004) CA
- Residency: Stanford University School of Medicine (2003) CA
- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2007)
- Board Certification: Internal Medicine, American Board of Internal Medicine (2003)
- Chief Resident, Stanford University , Internal Medicine (2004)
- Internship: Stanford University School of Medicine (2001) CA
- M.D. with Honors, University of Chicago , Medicine (2000)
- B.A., Northwestern University , Biology/Neuroscience (1996)
- F.A.C.P., American College of Physicians , Internal Medicine (2010)
- F.A.C.C., American College of Cardiology , Cardiology (2008)
- Chief Fellow, Stanford University , Cardiovascular Medicine (2007)
- Medical Education: University of Chicago Pritzker (2000) IL

## LINKS

- Internal Medicine Residency Training Program: <http://medicine.stanford.edu/education/residency.html>
- Stanford Amyloid Center: <http://med.stanford.edu/amyloidcenter.html>
- Stanford Multidisciplinary Sarcoidosis Program: <http://med.stanford.edu/sarcoidosis.html>
- Get a Second Opinion: <https://stanfordhealthcare.org/second-opinion/overview.html>

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Witteles' research focuses on three major areas:

1) Amyloidosis -- As Co-Director of the Stanford Amyloid Center, Dr. Witteles works with a team of investigators to explore novel therapies for amyloidosis and to better understand the mechanisms underlying the disease. This work ranges from clinical trials for multiple types of amyloidosis (AL, ATTR), to defining the role of organ transplantation and pacemakers/defibrillators, to partnering with basic science labs to explore basic principles of pathogenesis.

2) CardioOncology (Cardiac toxicity of cancer therapies) -- Studying optimal prevention and treatment strategies for patients who develop heart failure and other cardiac toxicity as a consequence of cancer therapies, as well as studies to better understand the mechanisms/patterns of toxicity for multiple chemotherapeutic agents. Dr. Witteles serves as Associate Editor for *JACC: CardioOncology*, the world's leading journal devoted to the field.

3) Sarcoidosis -- As Co-Director of the Stanford Multidisciplinary Sarcoidosis Program, Dr. Witteles studies novel diagnostic modalities to improve the accuracy of disease diagnosis and the ability to follow responses to treatment of the disease, partners with laboratories to understand the pathogenesis of the disease, and studies new treatments for the disease.

### CLINICAL TRIALS

- Open-Label Study of AG10 in Patients With Cardiomyopathy, Recruiting
- Safety and Efficacy of Tafamidis in Patients With Transthyretin Cardiomyopathy, Not Recruiting
- Study of Daratumumab for Decreasing Circulating Antibodies in Sensitized Patients Awaiting Heart Transplantation, Not Recruiting

## Teaching

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### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

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

## Publications

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### PUBLICATIONS

- **Screening for Transthyretin Amyloid Cardiomyopathy in Everyday Practice.** *JACC. Heart failure*  
Witteles, R. M., Bokhari, S., Damy, T., Elliott, P. M., Falk, R. H., Fine, N. M., Gospodinova, M., Obici, L., Rapezzi, C., Garcia-Pavia, P.  
2019
- **Serial Cardiac FDG-PET for the Diagnosis and Therapeutic Guidance of Patients With Cardiac Sarcoidosis** *JOURNAL OF CARDIAC FAILURE*  
Ning, N., Guo, H., Iagaru, A., Mitra, E., Fowler, M., Witteles, R.  
2019; 25 (4): 307–11
- **A Changing Landscape of Mortality for Systemic Light Chain Amyloidosis.** *JACC. Heart failure*  
Barrett, C. D., Dobos, K., Liedtke, M., Tuzovic, M., Haddad, F., Kobayashi, Y., Lafayette, R., Fowler, M. B., Arai, S., Schrier, S., Witteles, R. M.  
2019
- **Expert Consensus Recommendations for the Suspicion and Diagnosis of Transthyretin Cardiac Amyloidosis.** *Circulation. Heart failure*  
Maurer, M. S., Bokhari, S., Damy, T., Dorbala, S., Drachman, B. M., Fontana, M., Grogan, M., Kristen, A. V., Lousada, I., Nativi-Nicolau, J., Cristina Quarta, C., Rapezzi, C., Ruberg, et al  
2019; 12 (9): e006075

- **Tafamidis Treatment for Patients with Transthyretin Amyloid Cardiomyopathy** *NEW ENGLAND JOURNAL OF MEDICINE*  
Maurer, M. S., Schwartz, J. H., Gundapaneni, B., Elliott, P. M., Merlini, G., Waddington-Cruz, M., Kristen, A. V., Grogan, M., Witteles, R., Damy, T., Drachman, B. M., Shah, S. J., Hanna, et al  
2018; 379 (11): 1007–16
- **The State of Medical Student Performance Evaluations: Improved Transparency or Continued Obfuscation?** *Academic medicine*  
Hom, J., Richman, I., Hall, P., Ahuja, N., Harman, S., Harrington, R., Witteles, R.  
2016; 91 (11): 1534-1539
- **Changing outcomes after heart transplantation in patients with amyloid cardiomyopathy** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*  
Davis, M. K., Lee, P. H., Witteles, R. M.  
2015; 34 (5): 658-666
- **Outcomes after heart transplantation for amyloid cardiomyopathy in the modern era.** *American journal of transplantation*  
Davis, M. K., Kale, P., Liedtke, M., Schrier, S., Arai, S., Wheeler, M., Lafayette, R., Coakley, T., Witteles, R. M.  
2015; 15 (3): 650-658
- **Implantable cardioverter-defibrillator placement in patients with cardiac amyloidosis** *HEART RHYTHM*  
Varr, B. C., Zarafshar, S., Coakley, T., Liedtke, M., Lafayette, R. A., Arai, S., Schrier, S. L., Witteles, R. M.  
2014; 11 (1): 158-162
- **Variation in Use of Left Ventriculography in the Veterans Affairs Health Care System** *CIRCULATION-CARDIOVASCULAR QUALITY AND OUTCOMES*  
Heidenreich, P. A., Lin, S., Knowles, J. W., Perez, M., Maddox, T. M., Ho, M. P., Rumsfeld, J. S., Sahay, A., Massie, B. M., Tsai, T. T., Witteles, R. M.  
2013; 6 (6): 687-693
- **Underestimating Cardiac Toxicity in Cancer Trials: Lessons Learned?** *JOURNAL OF CLINICAL ONCOLOGY*  
Witteles, R. M., Telli, M.  
2012; 30 (16): 1916-1918
- **Use and overuse of left ventriculography** *AMERICAN HEART JOURNAL*  
Witteles, R. M., Knowles, J. W., Perez, M., Morris, W. M., Spettell, C. M., Brennan, T. A., Heidenreich, P. A.  
2012; 163 (4): 617-?
- **Heart transplantation and cardiac amyloidosis: Approach to screening and novel management strategies** *JOURNAL OF HEART AND LUNG TRANSPLANTATION*  
Varr, B. C., Liedtke, M., Arai, S., Lafayette, R. A., Schrier, S. L., Witteles, R. M.  
2012; 31 (3): 325-331
- **Chemotherapy-Associated Cardiotoxicity: How Often Does it Really Occur and How Can it Be Prevented?** *HEART FAILURE CLINICS*  
Witteles, R. M., Fowler, M. B., Telli, M. L.  
2011; 7 (3): 333-?
- **Radiation Therapy for Breast Cancer Buyer Beware** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Witteles, R. M.  
2011; 57 (4): 453-454
- **Left Ventricular Dysfunction in Patients Receiving Cardiotoxic Cancer Therapies Are Clinicians Responding Optimally?** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Yoon, G. J., Telli, M. L., Kao, D. P., Matsuda, K. Y., Carlson, R. W., Witteles, R. M.  
2010; 56 (20): 1644-1650
- **Heart Failure in Hispanics** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Vivo, R. P., Krim, S. R., Cevik, C., Witteles, R. M.  
2009; 53 (14): 1167-1175
- **Clinical problem-solving. Fool's Gold.** *New England journal of medicine*  
Leeper, N. J., Dhaliwal, G., Saint, S., Witteles, R. M.  
2008; 359 (19): 2035-2041
- **Insulin-resistant cardiomyopathy** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*

- Witteles, R. M., Fowler, M. B.  
2008; 51 (2): 93-102
- **Impact of nesiritide on renal function in patients with acute decompensated failure and pre-existing renal dysfunction - A randomized, double-blind, placebo-controlled clinical trial** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Witteles, R. M., Kao, D., Christopherson, D., Matsuda, K., Vagelos, R. H., Schreiber, D., Fowler, M. B.  
2007; 50 (19): 1835-1840
  - **Cardiomyopathy of insulin resistance.** *Heart failure clinics*  
Witteles, R. M., Fowler, M. B.  
2006; 2 (1): 13-23
  - **Insulin resistance in idiopathic dilated cardiomyopathy - A possible etiologic link** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Witteles, R. M., Tang, W. H., Jamali, A. H., Chu, J. W., Reaven, G. M., Fowler, M. B.  
2004; 44 (1): 78-81
  - **Correction to: Cardiovascular Complications in Patients with COVID-19: Consequences of Viral Toxicities and Host Immune Response.** *Current cardiology reports*  
Zhu, H., Rhee, J., Cheng, P., Waliyany, S., Chang, A., Witteles, R. M., Maecker, H., Davis, M. M., Nguyen, P. K., Wu, S. M.  
2020; 22 (5): 36
  - **Portable Ultrasound Device Usage and Learning Outcomes Among Internal Medicine Trainees: A Parallel-Group Randomized Trial.** *Journal of hospital medicine*  
Kumar, A., Weng, Y., Wang, L., Bentley, J., Almli, M., Hom, J., Witteles, R., Ahuja, N., Kugler, J.  
2020; 15 (2): e1-e6
  - **Bone Scintigraphy Imaging for Transthyretin Cardiac Amyloidosis: Still Much to Learn.** *JACC. Cardiovascular imaging*  
Alexander, K. M., Witteles, R. M.  
2020
  - **Organ responses with daratumumab therapy in previously treated AL amyloidosis.** *Blood advances*  
Chung, A., Kaufman, G. P., Sidana, S., Eckhert, E., Schrier, S. L., Lafayette, R. A., Arai, S., Witteles, R. M., Liedtke, M.  
2020; 4 (3): 458-66
  - **Cardiovascular Complications in Patients with COVID-19: Consequences of Viral Toxicities and Host Immune Response** *Curr Cardiol Rep*  
Zhu, H., Rhee, J., Cheng, P., Waliyany, S., Chang, A., Witteles, R. M., Maecker, H., Davis, M. M., Nguyen, P. K., Wu, S. M.  
2020; 22 (5)
  - **Outcomes in Patients With Cardiac Amyloidosis Undergoing Heart Transplantation.** *JACC. Heart failure*  
Barrett, C. D., Alexander, K. M., Zhao, H., Haddad, F., Cheng, P., Liao, R., Wheeler, M. T., Liedtke, M., Schrier, S., Arai, S., Weisshaar, D., Witteles, R. M.  
2020
  - **Cardiovascular Risks in Patients with COVID-19: Potential Mechanisms and Areas of Uncertainty.** *Current cardiology reports*  
Cheng, P., Zhu, H., Witteles, R. M., Wu, J. C., Quertermous, T., Wu, S. M., Rhee, J. W.  
2020; 22 (5): 34
  - **Long-Term Safety and Efficacy of AG10 in Patients With Transthyretin Amyloid Cardiomyopathy (ATTR-CM): Interim Analysis of the Ongoing Phase 2 Open-Label Extension Study**  
Judge, D., Heitner, S. B., Falk, R. H., Grogan, M., Jacoby, D. L., Maurer, M. S., Selby, V. N., Shah, S. J., Witteles, R., Katz, L., Rao, S., Sinha, U., Fox, et al  
LIPPINCOTT WILLIAMS & WILKINS.2019: E966-E967
  - **Diagnosis and Treatment of Cardiac Amyloidosis Related to Plasma Cell Dyscrasias.** *Cardiology clinics*  
Alexander, K. M., Evangelisti, A., Witteles, R. M.  
2019; 37 (4): 487-95
  - **Human-induced Pluripotent Stem Cell-derived Cardiomyocytes as a Model for Trastuzumab-Induced Cardiac Dysfunction**  
Kitani, T., Ong, S., Lam, C. K., Rhee, J., Zhang, J. Z., Oikonomopoulos, A., Ma, N., Tian, L., Lee, J., Telli, M. L., Witteles, R. M., Sharma, A., Sayed, et al  
LIPPINCOTT WILLIAMS & WILKINS.2019
  - **Efficacy and Safety of Tafamidis Doses in the Tafamidis in Transthyretin Cardiomyopathy Clinical Trial (ATTR-ACT)**  
Hanna, M., Damy, T., Garcia-Pavia, P., Judge, D. P., Merlini, G., Maurer, M. S., Gundapaneni, B., Patterson, T. A., Schwartz, J. H., Sultan, M. B., Witteles, R.

CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2019: S77–S78

- **Transthyretin Stabilization by AG10 in Symptomatic Transthyretin Amyloid Cardiomyopathy** *JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY*  
Judge, D. P., Heitner, S. B., Falk, R. H., Maurer, M. S., Shah, S. J., Witteles, R. M., Grogan, M., Selby, V. N., Jacoby, D., Hanna, M., Nativi-Nicolau, J., Patel, J., Rao, et al  
2019; 74 (3): 285–95
- **Grading cardiac response in AL amyloidosis: implications for relapse and survival** *BRITISH JOURNAL OF HAEMATOLOGY*  
Eckhart, E., Witteles, R., Kaufman, G., Lafayette, R., Arai, S., Schrier, S., O'Shaughnessy, M., Liedtke, M.  
2019; 186 (1): 144–46
- **Human-Induced Pluripotent Stem Cell Model of Trastuzumab-Induced Cardiac Dysfunction in Patients With Breast Cancer** *CIRCULATION*  
Kitani, T., Ong, S., Lam, C., Rhee, J., Zhang, J. Z., Oikonomopoulos, A., Ma, N., Tian, L., Lee, J., Telli, M. L., Witteles, R. M., Sharma, A., Sayed, et al  
2019; 139 (21): 2451–65
- **Transthyretin Stabilization by AG10 in Symptomatic Transthyretin Amyloid Cardiomyopathy.** *Journal of the American College of Cardiology*  
Judge, D. P., Falk, R. H., Maurer, M. S., Shah, S. J., Witteles, R. M., Grogan, M., Selby, V. N., Jacoby, D., Hanna, M., Nativi-Nicolau, J., Patel, J., Rao, S., Sinha, et al  
2019
- **Doxycycline and Ursodiol for ATTR Amyloidosis: Not Ready for Prime Time** *JOURNAL OF CARDIAC FAILURE*  
Witteles, R. M.  
2019; 25 (3): 154–55
- **REPLY: Increasingly Recognized Role of Right Ventricle Assessment in Cardiac Amyloidosis** *JACC-HEART FAILURE*  
Amsallem, M., Witteles, R., Haddad, F.  
2019; 7 (3): 279–80
- **Serial Cardiac FDG-PET for the Diagnosis and Therapeutic Guidance of Patients with Cardiac Sarcoidosis.** *Journal of cardiac failure*  
Ning, N., Guo, H. H., Iagaru, A., Mittra, E., Fowler, M., Witteles, R.  
2019
- **Doxycycline and Ursodiol for ATTR Amyloidosis: Not Ready for Prime Time.** *Journal of cardiac failure*  
Witteles, R.  
2019
- **Management of Cardiac Amyloidosis: Do's and Don'ts.** *The Canadian journal of cardiology*  
Alexander, K. M., Witteles, R. M.  
2019
- **TNF-alpha inhibition for the treatment of cardiac sarcoidosis.** *Seminars in arthritis and rheumatism*  
Baker, M. C., Sheth, K., Witteles, R., Genovese, M. C., Shoor, S., Simard, J. F.  
2019
- **Thrombophilia testing in the inpatient setting: impact of an educational intervention.** *BMC medical informatics and decision making*  
Kwang, H., Mou, E., Richman, I., Kumar, A., Berube, C., Kaimal, R., Ahuja, N., Harman, S., Johnson, T., Shah, N., Witteles, R., Harrington, R., Shieh, et al  
2019; 19 (1): 167
- **Genomics in medicine: a novel elective rotation for internal medicine residents.** *Postgraduate medical journal*  
Geng, L. N., Kohler, J. N., Levonian, P., Bernstein, J. A., Ford, J. M., Ahuja, N., Witteles, R., Hom, J., Wheeler, M.  
2019
- **Human Induced Pluripotent Stem Cell Model of Trastuzumab-Induced Cardiac Dysfunction in Breast Cancer Patients.** *Circulation*  
Kitani, T., Ong, S. G., Lam, C. K., Rhee, J. W., Zhang, J. Z., Oikonomopoulos, A., Ma, N., Tian, L., Lee, J., Telli, M. L., Witteles, R. M., Sharma, A., Sayed, et al  
2019
- **Emerging Therapies for Transthyretin Cardiac Amyloidosis.** *Current treatment options in cardiovascular medicine*  
Alexander, K. M., Evangelisti, A., Witteles, R. M.  
2019; 21 (8): 40

- **Grading cardiac response in AL amyloidosis: implications for relapse and survival.** *British journal of haematology*  
Eckhart, E., Witteles, R., Kaufman, G., Lafayette, R., Arai, S., Schrier, S., O'Shaughnessy, M., Liedtke, M.  
2018
- **Safety, Tolerability and Transthyretin Stabilization by AG10: A Phase 2, Randomized, Double-blind, Placebo-controlled Clinical Trial in Patients with Transthyretin Amyloid Cardiomyopathy and NYHA Class II/III Heart Failure**  
Judge, D. P., Falk, R., Grogan, M., Heitner, S. B., Jacoby, D., Maurer, M., Selby, V. N., Shah, S. J., Witteles, R. M., Hanna, M., Patel, J., Nativi-Nicolau, J., Rao, et al  
LIPPINCOTT WILLIAMS & WILKINS.2018: E770
- **Graded Cardiac Response Correlates with Relapse and Survival in AL Amyloidosis**  
Eckhart, E., Witteles, R., Kaufman, G., Lafayette, R., Arai, S., Schrier, S., O'Shaughnessy, M., Liedtke, M.  
AMER SOC HEMATOLOGY.2018
- **Efficacy of Tafamidis in Transthyretin Amyloid Cardiomyopathy in the ATTR-ACT Trial: Sensitivity Analyses Further Support the Primary Results**  
Maurer, M. S., Schwartz, J. H., Gundapaneni, B., Elliott, P., Merlini, G., Cruz, M., Kristen, A. V., Grogan, M., Witteles, R., Damy, T., Drachman, B. M., Shah, S. J., Hanna, et al  
CHURCHILL LIVINGSTONE INC MEDICAL PUBLISHERS.2018: 813
- **Tafamidis Treatment for Patients with Transthyretin Amyloid Cardiomyopathy.** *The New England journal of medicine*  
Maurer, M. S., Schwartz, J. H., Gundapaneni, B., Elliott, P. M., Merlini, G., Waddington-Cruz, M., Kristen, A. V., Grogan, M., Witteles, R., Damy, T., Drachman, B. M., Shah, S. J., Hanna, et al  
2018
- **18F-florbetaben whole-body PET/MRI for evaluation of systemic amyloid deposition.** *EJNMMI research*  
Baratto, L., Park, S. Y., Hatami, N., Gulaka, P., Vasanawala, S., Yohannan, T. K., Herfkens, R., Witteles, R., Iagaru, A.  
2018; 8 (1): 66
- **F-18-florbetaben whole-body PET/MRI for evaluation of systemic amyloid deposition** *EJNMMI RESEARCH*  
Baratto, L., Park, S., Hatami, N., Gulaka, P., Vasanawala, S., Yohannan, T., Herfkens, R., Witteles, R., Iagaru, A.  
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- **SERIAL CARDIAC FDG-PET IN THE DIAGNOSIS AND THERAPEUTIC GUIDANCE OF PATIENTS WITH CARDIAC SARCOIDOSIS: A STANFORD EXPERIENCE**  
Ning, N., Guo, H. H., Jagaru, A., Mitra, E., Fowler, M., Witteles, R.  
ELSEVIER SCIENCE INC.2018: 1690
- **Atrial Septal Defect as Unexpected Cause of Pulmonary Artery Hypertension** *TEXAS HEART INSTITUTE JOURNAL*  
Parikh, R., Boyd, J., Lee, D. P., Witteles, R.  
2018; 45 (1): 42–44
- **A high value care curriculum for interns: a description of curricular design, implementation and housestaff feedback** *POSTGRADUATE MEDICAL JOURNAL*  
Hom, J., Kumar, A., Evans, K. H., Svec, D., Richman, I., Fang, D., Smeraglio, A., Holubar, M., Johnson, T., Shah, N., Renault, C., Ahuja, N., Witteles, et al  
2017; 93 (1106): 725–29
- **Carcinoid Syndrome Complicating a Pancreatic Neuroendocrine Tumor A Case Report** *PANCREAS*  
Gerson, J. N., Witteles, R. M., Chang, D. T., Beygui, R. E., Iagaru, A. H., Kunz, P. L.  
2017; 46 (10): 1381–85
- **Epidemiology and Clinical Implications of Gastrointestinal Symptoms in Systemic Amyloidosis**  
Yen, T., Chen, F., Witteles, R., Liedtke, M., Nguyen, L.  
NATURE PUBLISHING GROUP.2017: S240
- **Daratumumab yields rapid and deep hematologic responses in patients with heavily pretreated AL amyloidosis** *BLOOD*  
Kaufman, G. P., Schrier, S. L., Lafayette, R. A., Arai, S., Witteles, R. M., Liedtke, M.  
2017; 130 (7): 900–902
- **WHOLE HEART OF THE MATTER**  
Parikh, R., Boyd, J., Lee, D., Witteles, R.

ELSEVIER SCIENCE INC.2017: 2411

- **A high value care curriculum for interns: a description of curricular design, implementation and housestaff feedback.** *Postgraduate medical journal*  
Hom, J., Kumar, A., Evans, K. H., Svec, D., Richman, I., Fang, D., Smeraglio, A., Holubar, M., Johnson, T., Shah, N., Renault, C., Ahuja, N., Witteles, et al  
2017
- **Functional Cardiac Recovery and Hematologic Response to Chemotherapy in Patients With Light-Chain Amyloidosis (from the Stanford University Amyloidosis Registry).** *The American journal of cardiology*  
Tuzovic, M., Kobayashi, Y., Wheeler, M., Barrett, C., Liedtke, M., Lafayette, R., Schrier, S., Haddad, F., Witteles, R.  
2017; 120 (8): 1381–86
- **A 15-year review of the Stanford Internal Medicine Residency Program: predictors of resident satisfaction and dissatisfaction** *ADVANCES IN MEDICAL EDUCATION AND PRACTICE*  
Kahn, J. S., Witteles, R. M., Mahaffey, K. W., Desai, S. A., Ozdalga, E., Heidenreich, P. A.  
2017; 8: 559–66
- **Hematologic Responses and Cardiac Organ Improvement in Patients with Heavily Pretreated Cardiac Immunoglobulin Light Chain (AL) Amyloidosis Receiving Daratumumab**  
Kaufman, G., Witteles, R., Wheeler, M., Ulloa, P., Lugtu, M., Arai, S., Schrier, S., Lafayette, R., Liedtke, M.  
AMER SOC HEMATOLOGY.2016
- **Prevalence and Financial Impact of Inappropriate Thrombophilia Testing in the Inpatient Hospital Setting: A Retrospective Analysis**  
Mou, E., Kwang, H., Hom, J., Shieh, L., Ahuja, N., Harman, S., Johnson, T., Kumar, A., Shah, N., Witteles, R., Berube, C.  
AMER SOC HEMATOLOGY.2016
- **Accreditation Council for Graduate Medical Education (ACGME) Milestones-Time for a Revolt?** *JAMA internal medicine*  
Witteles, R. M., Verghese, A.  
2016; 176 (11): 1599-1600
- **The State of Medical Student Performance Evaluations: Improved Transparency or Continued Obfuscation?** *ACADEMIC MEDICINE*  
Hom, J., Richman, I., Hall, P., Ahuja, N., Harman, S., Harrington, R., Witteles, R.  
2016; 91 (11): 1534–39
- **A resident-created hospitalist curriculum for internal medicine housestaff.** *Journal of hospital medicine*  
Kumar, A., Smeraglio, A., Witteles, R., Harman, S., Nallamshetty, S., Rogers, A., Harrington, R., Ahuja, N.  
2016; 11 (9): 646-649
- **Patient Outcomes when Housestaff Exceed 80 Hours per Week.** *American journal of medicine*  
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