



Sneha Shah Jain MD, MBA

Clinical Assistant Professor, Medicine - Cardiovascular Medicine

CLINICAL OFFICE (PRIMARY)

- **Cardiovascular Medicine**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

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Bio

BIO

Dr. Sneha S. Jain is a Clinical Assistant Professor of Medicine in the Division of Cardiovascular Medicine and Director of the GUIDE-AI Lab. She specializes in general cardiovascular medicine and preventive cardiology.

Dr. Jain pursued her undergraduate degree in Economics at Duke University and graduated with distinction. She received her medical degree from the Johns Hopkins School of Medicine and her MBA from Harvard Business School. She completed internal medicine residency training at Columbia/NewYork-Presbyterian, and fellowship training in cardiovascular medicine at Stanford University.

Her research focuses on the development and responsible evaluation of AI tools to augment healthcare delivery and improve patient outcomes. She works with the Data Science Team at Stanford Healthcare and the Stanford Center for Clinical Research to deploy and prospectively evaluate AI solutions across the healthcare enterprise. She serves on the American College of Cardiology Healthcare Innovation Section leadership council, the American Heart Association Expert Panel for the AI Validation Lab, and as an Expert AI consultant for the Journal of the American College of Cardiology.

CLINICAL FOCUS

- Cardiovascular Medicine
- Cardiovascular Diseases
- Preventive Cardiology
- Cardiometabolic Risk Factors
- Ischemic Heart Disease
- Lipid Disorders
- Heart Disease Risk Factors
- Cardiovascular Disease

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Medicine - Cardiovascular Medicine
- Member, Cardiovascular Institute

HONORS AND AWARDS

- Silverman Fellow in Healthcare Innovation, New York Presbyterian-Columbia (2020)
- Joseph Muschel Resident Award, New York Presbyterian-Columbia (2020)
- Stanford Clinical Trial Research Fellow, Stanford University (2021)
- Fellow-in-Training Travel Award, American Heart Association (2023)
- Chief Fellow, Stanford University (2023)
- Edwin Alderman Award for Excellence in Clinical Research, Stanford University (2024)
- Stanford Cardiovascular Institute Manuscript Award, Stanford University (2025)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member of the Expert Panel for the American Heart Association Artificial Intelligence Validation Lab, American Heart Association (2025 - present)
- Healthcare Innovation Council Member, American College of Cardiology (2023 - present)
- Co-Director of the Cross-Sectional Artificial Intelligence Working Group, American College of Cardiology (2024 - present)
- Consultant for Data Science/Artificial Intelligence, Journal of the American College of Cardiology (2025 - present)

PROFESSIONAL EDUCATION

- Board Certification: Cardiovascular Disease, American Board of Internal Medicine (2024)
- Fellowship: Stanford University Cardiovascular Medicine Fellowship Program (2024) CA
- Board Certification: Internal Medicine, American Board of Internal Medicine (2021)
- Residency: Columbia University College of Physicians and Surgeons (2021) NY
- Medical Education: Johns Hopkins University School of Medicine (2018) MD
- MD, Johns Hopkins School of Medicine
- MBA, Harvard Business School

LINKS

- GUIDE-AI Website: <https://guide-ai.stanford.edu/>

Research & Scholarship

CLINICAL TRIALS

- A Study of Milvexian Versus Apixaban in Participants With Atrial Fibrillation, Not Recruiting
- Picture of Incidental Calcium To Understand Risk Estimate (PICTURE) Trial, Not Recruiting

Publications

PUBLICATIONS

- **A large language model for complex cardiology care.** *Nature medicine*
O'Sullivan, J. W., Palepu, A., Saab, K., Weng, W. H., Amponsah, D. K., Cheng, E., Cheng, Y., Chu, E., Desai, Y., Elezaby, A., Fazal, M., Hussain, T., Jain, et al
2026

- **Holistic evaluation of large language models for medical tasks with MedHELM.** *Nature medicine*
Bedi, S., Cui, H., Fuentes, M., Unell, A., Wornow, M., Banda, J. M., Kotecha, N., Keyes, T., Mai, Y., Oez, M., Qiu, H., Jain, S., Schettini, et al
2026
- **Large Language Modeling-Enabled Analysis of Atrial Fibrillation on Social Media.** *Journal of the American Heart Association*
Parsa, S., Somani, S., Rogers, A. J., Hernandez-Boussard, T., Jain, S. S., Rodriguez, F.
2025: e043999
- **Detecting Transthyretin Cardiac Amyloidosis With Artificial Intelligence: A Nonrandomized Clinical Trial.** *JAMA cardiology*
Jain, S. S., Sun, T., Pierson, E., Roedan Oliver, F., Malta, P., Castillo, M., Wan, N., Alishetti, S., Hartman, H., Finer, J., Brown, K. L., Ramlall, V., Tatonetti, et al
2025
- **Pragmatic Approaches to the Evaluation and Monitoring of Artificial Intelligence in Health Care: A Science Advisory From the American Heart Association.** *Circulation*
Jain, S. S., Goto, S., Hall, J. L., Khan, S. S., MacRae, C. A., Ofori, C., Pegus, C., Pencina, M., Peterson, E. D., Schwamm, L. H.
2025
- **Effects of Real-Time Notification of AI-Detected Incidental Coronary Artery Calcium on Statin Prescription: the NOTIFY-PICTURE Trial.** *Circulation*
Dudum, R., Jain, S. S., Mastrodicasa, D., Furst, A., Xu, S., Ngo, S., Eng, D., Khandwala, N., Sousa, D., Chaudhari, A., Langlotz, C., Sandhu, A. T., Maron, et al
2025
- **Target Product Profile to Evaluate the Clinical Utility, Financial Impact, and Ethical Implications of an AI-Based HCM Detection Model**
Parsa, S., Keyes, T., Dash, D., Mello, M., Salisbury, H., Callahan, A., Goto, S., Salerno, M., Parikh, V., Mahaffey, K., Ashley, E., Shah, N., Jain, et al
LIPPINCOTT WILLIAMS & WILKINS.2025
- **Digital Strategies for Recruitment to Improve Diversity and Inclusion in Prospective Cardiovascular Clinical Research.** *Cardiology and therapy*
Jain, S. S., Rodriguez, F., Perez, M. V., Yu, J., Shashidhar, S., Swope, S., Nguyen, K., Desai, M., Hedlin, H., Shah, S. H., Hernandez, A. F., Turakhia, M. P., Mahaffey, et al
2025
- **Moving Beyond the Model: Our Perspective on Meaningful AI Research in Cardiovascular Care.** *Journal of the American College of Cardiology*
Jain, S. S., Mortazavi, B. J., Chan You, S., Yao, X., Lam, C. S., Elias, P., Poterucha, T. J., Avram, R., Tison, G. H., Pirruccello, J., Huang, C., Wiens, J., Schwamm, et al
2025; 86 (10): 691-695
- **Racial and Ethnic Representation and Study Engagement in a Siteless Digital Clinical Trial Using a Smartwatch: Findings From the Apple Heart Study.** *Mayo Clinic proceedings. Digital health*
Nguyen, K. T., Yu, J., Hedlin, H., Phillips, A. T., Desai, S., Cheung, L., Kowey, P. R., Jain, S. S., Rumsfeld, J. S., Russo, A. M., Granger, C. B., Hills, M. T., Desai, et al
2025; 3 (3): 100232
- **Mavacamten in Symptomatic Nonobstructive Hypertrophic Cardiomyopathy.** *The New England journal of medicine*
Desai, M. Y., Owens, A. T., Abraham, T., Olivotto, I., Garcia-Pavia, P., Lopes, R. D., Elliott, P., Fernandes, F., Verheyen, N., Maier, L., Meder, B., Azevedo, O., Kitaoka, et al
2025
- **Successful Rituximab Treatment of GPIIb/IIIa Autoantibody-Associated Hypertriglyceridemia.** *JACC. Case reports*
Hussain, T., Horomanski, A., Jain, S., Lamendola, C., Abbasi, F., Murakami, M., Knowles, J. W.
2025; 30 (23): 104647
- **A deep learning phenome wide association study of the electrocardiogram.** *European heart journal. Digital health*
Hughes, J. W., Theurer, J., Vukadinovic, M., Rogers, A. J., Somani, S., Kang, G., Ghazizadeh, Z., O'Sullivan, J. W., Jain, S. S., Gomes, B., Salerno, M., Ashley, E., Zou, et al
2025; 6 (4): 595-607
- **South Asians and cardiometabolic health: A framework for comprehensive care for the individual, community, and population - An American society for preventive cardiology clinical practice statement.** *American journal of preventive cardiology*

- Rohatgi, A., Anand, S. S., Gadgil, M., Gujral, U. P., Jain, S. S., Javed, Z., Jha, M., Joshi, P. H., Manubolu, V. S., Nasir, K., Natarajan, P., Pagidipati, N., Palaniappan, et al
2025; 22: 101000
- **From Better Models to Better Care.** *JACC. Heart failure*
Shah, N. H., Jain, S. S.
2025; 13 (1): 88-90
 - **The Coming AI Revolution in Clinical Trials.** *Journal of the American College of Cardiology*
Jain, S. S., Sarraju, A., Shah, N. H., Schulman, K. A., Ashley, E. A., Harrington, R. A., Mahaffey, K. W.
2024
 - **Artificial Intelligence in Cardiovascular Clinical Trials.** *Journal of the American College of Cardiology*
Cunningham, J. W., Abraham, W. T., Bhatt, A. S., Dunn, J., Felker, G. M., Jain, S. S., Lindsell, C. J., Mace, M., Martyn, T., Shah, R. U., Tison, G. H., Fakhouri, T., Psothka, et al
2024; 84 (20): 2051-2062
 - **Avoiding Financial Toxicity for Patients from Clinicians' Use of AI.** *The New England journal of medicine*
Jain, S. S., Mello, M. M., Shah, N. H.
2024
 - **Low-Density Lipoprotein Cholesterol Control as a Performance Measure: A National Analysis of the VHA.** *Journal of the American College of Cardiology*
Jain, S. S., Skye, M., Din, N., Furst, A., Maron, D. J., Heidenreich, P., Kalwani, N., Bhatt, A. S., Sandhu, A. T., Rodriguez, F.
2024; 84 (13): 1272-1275
 - **Standing on FURM Ground: A Framework for Evaluating Fair, Useful, and Reliable AI Models in Health Care Systems** *NEJM CATALYST INNOVATIONS IN CARE DELIVERY*
Callahan, A., McElfresh, D., Banda, J. M., Bunney, G., Char, D., Chen, J., Corbin, C. K., Dash, D., Downing, N. L., Jain, S. S., Kotecha, N., Masterson, J., Mello, et al
2024; 5 (10)
 - **Democratizing Congenital Heart Disease Management: The Potential for AI-Enabled Care and Necessary Future Directions.** *Journal of the American College of Cardiology*
Jain, S. S., Elias, P., Clark, D. E.
2024; 84 (9): 829-831
 - **Milvexian vs apixaban for stroke prevention in atrial fibrillation: The LIBREXIA atrial fibrillation trial rationale and design.** *American heart journal*
Jain, S. S., Mahaffey, K. W., Pieper, K. S., Shimizu, W., Potpara, T., Ruff, C. T., Kamel, H., Lewis, B. S., Cornel, J. H., Kowey, P. R., Horrow, J., Strony, J., Plotnikov, et al
2024
 - **Milvexian: An Oral, Bioavailable Factor X1a Inhibitor.** *Cardiology and therapy*
Parsa, S., Jain, S. S., Akinrimisi, O., Lam, C. S., Mahaffey, K. W.
2024
 - **Introduction to Wearable Technology in Arrhythmia Management.** *Heart rhythm*
Perez-Guerrero, E. J., Mehrotra, I., Jain, S. S., Perez, M. V.
2024
 - **Large Language Models as Partners in Medical Literature.** *Heart rhythm*
Perez-Guerrero, E. J., Mehrotra, I., Jain, S. S., Perez, M. V.
2024
 - **Artificial Intelligence in Cardiovascular Disease Prevention: Is it Ready for Prime Time?** *Current atherosclerosis reports*
Parsa, S., Somani, S., Dudum, R., Jain, S. S., Rodriguez, F.
2024
 - **Contemporary attitudes and beliefs on coronary artery calcium from social media using artificial intelligence.** *NPJ digital medicine*
Somani, S., Balla, S., Peng, A. W., Dudum, R., Jain, S., Nasir, K., Maron, D. J., Hernandez-Boussard, T., Rodriguez, F.

2024; 7 (1): 83

- **Artificial Intelligence for Cardiovascular Care - Part 1: Advances: JACC Review Topic of the Week.** *Journal of the American College of Cardiology*
Elias, P., Jain, S., Poterucha, T., Randazzo, M., Lopez Jimenez, F., Khera, R., Perez, M., Ouyang, D., Pirruccello, J., Salerno, M., Einstein, A., Avram, R., Tison, et al
2024
- **Artificial Intelligence in Cardiovascular Care - Part 2: Applications: JACC Review Topic of the Week.** *Journal of the American College of Cardiology*
Jain, S., Elias, P., Poterucha, T., Randazzo, M., Lopez Jimenez, F., Khera, R., Perez, M., Ouyang, D., Pirruccello, J., Salerno, M., Einstein, A., Avram, R., Tison, et al
2024
- **Sociodemographic Differences Among Patients Receiving Coronary Artery Calcium Scoring vs. Non-Gated Chest CT Imaging**
Peng, A. W., Skye, M., Jain, S. S., Dudum, R., Maron, D. J., Sandhu, A. T., Rodriguez, F.
LIPPINCOTT WILLIAMS & WILKINS.2023
- **Novel Digital Strategy for Improving Diversity in Cardiovascular Clinical Trials**
Jain, S. S., Perez, M. V., Nguyen, K. T., Hernandez, A. F., Turakhia, M., Mahaffey, K. W.
LIPPINCOTT WILLIAMS & WILKINS.2023
- **Treatment effect of canagliflozin for patients on therapy for heart failure: Pooled analysis of the CANVAS program and CREDENCE trial.** *International journal of cardiology*
Jain, S. S., Yu, J., Arnott, C., Neal, B., Perkovic, V., Neuen, B. L., Jardine, M., Mahaffey, K. W.
2023: 131444
- **Aortic Root Thrombosis in Patients with HeartMate 3 Left Ventricular Assist Device Support.** *The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation*
Carey, M. R., Marshall, D., Clerkin, K., Laracuent, R., Sanchez, J., Jain, S. S., Raikhelkar, J. K., Leb, J. S., Kaku, Y., Yuzefpolskaya, M., Naka, Y., Colombo, P. C., Sayer, et al
2023
- **Association of Coronary Artery Calcium Detected by Routine Ungated CT Imaging With Cardiovascular Outcomes.** *Journal of the American College of Cardiology*
Peng, A. W., Dudum, R., Jain, S. S., Maron, D. J., Patel, B. N., Khandwala, N., Eng, D., Chaudhari, A. S., Sandhu, A. T., Rodriguez, F.
2023; 82 (12): 1192-1202
- **TREATMENT EFFECT OF CANAGLIFLOZIN FOR PATIENTS ON THERAPY FOR HEART FAILURE: POOLED ANALYSIS OF THE CANVAS PROGRAM AND CREDENCE TRIAL**
Jain, S. S., Yu, J., Arnott, C., Neal, B., Perkovic, V., Neuen, B., Jardine, M., Mahaffey, K. W.
ELSEVIER SCIENCE INC.2023: 283
- **ANTIRACIST AI: A MACHINE LEARNING MODEL USING ELECTROCARDIOGRAMS AND ECHOCARDIOGRAMS CAN DETECT TRANSTHYRETIN CARDIAC AMYLOIDOSIS AND DECREASE RACIAL BIAS IN DIAGNOSTIC TESTING**
Jain, S. S., Sun, T., Brown, K., Ramlall, V., Tatonetti, N., Elhadad, N., Rodriguez, F., Witteles, R., Maurer, M. S., Poterucha, T., Elias, P.
ELSEVIER SCIENCE INC.2023: 338
- **Impact of Periprocedural Adverse Events After PCI and CABG on 5-Year Mortality: The EXCEL Trial.** *JACC. Cardiovascular interventions*
Jain, S. S., Li, D., Dressler, O., Kotinkaduwa, L., Serruys, P. W., Kappetein, A. P., Sabik, J. F., Morice, M., Puskas, J., Kandzari, D. E., Karmaliotis, D., Lembo, N. J., Brown, et al
2023; 16 (3): 303-313
- **When Two Isn't Better Than One: Single Versus Multiple Angiographic Views for Quantitative Flow Ratio.** *Journal of the Society for Cardiovascular Angiography & Interventions*
Jain, S. S., Fearon, W. F.
2022; 1 (5): 100411
- **Outflow Graft Narrowing of the HeartMate 3 Left Ventricular Assist Device.** *The Annals of thoracic surgery*
Jain, S. S., Clerkin, K. J., Anstey, D. E., Liu, Q., Fried, J. A., Raikhelkar, J., Griffin, J. M., Marshall, D., Colombo, P., Yuzefpolskaya, M., Topkara, V., Naka, Y., Takeda, et al
2022

- **The Effect of Chaplain Patient Navigators and Multidisciplinary Family Meetings on Patient Outcomes in the ICU: The Critical Care Collaboration and Communication Project.** *Critical care explorations*
Alghanim, F., Furqan, M., Prichett, L., Landon, J., Tao, X., Selvam, P., Leslie, M., Hartman-Shea, K., Teague, P., Scott, W., Kraeuter, S., Hicks, H., Jain, et al
2021; 3 (11): e0574
- **Prognostic Importance of Health Status Versus Functional Status in Heart Failure and Secondary Mitral Regurgitation** *JACC-HEART FAILURE*
Arnold, S. V., Stone, G. W., Jain, S. S., Mack, M. J., Saxon, J. T., Zhang, Z., Lindenfeld, J., Abraham, W. T., Cohen, D. J., COAPT Investigators
2021; 9 (9): 684-692
- **CLINICAL AND ECONOMIC BURDEN OF OBSTRUCTIVE HYPERTROPHIC CARDIOMYOPATHY IN THE UNITED STATES**
Jain, S. S., Li, S. S., Xie, J., Sutton, M. B., Fine, J. T., Edelberg, J. M., Gao, W., Spertus, J. A., Cohen, D. J.
ELSEVIER SCIENCE INC.2021: 668
- **AORTIC ROOT THROMBOSIS IS ASSOCIATED WITH INCREASED INCIDENCE OF AORTIC INSUFFICIENCY IN PATIENTS SUPPORTED WITH HEARTMATE 3 LEFT VENTRICULAR ASSIST DEVICE**
Marshall, D. P., Laracuenta, R., Carey, M., Clerkin, K., Masoumi, A., Raikhelkar, J., Griffin, J., Leb, J. S., Kaku, Y., Jain, S., Sanchez, J. E., Takayama, H., Yuzefpolskaya, et al
ELSEVIER SCIENCE INC.2021: 823
- **AORTIC ROOT THROMBOSIS IN PATIENTS WITH HEARTMATE 3 LEFT VENTRICULAR ASSIST DEVICES**
Marshall, D. P., Carey, M., Laracuenta, R., Clerkin, K., Masoumi, A., Kaku, Y., Raikhelkar, J., Griffin, J., Leb, J. S., Jain, S., Sanchez, J. E., Takayama, H., Yuzefpolskaya, et al
ELSEVIER SCIENCE INC.2021: 834
- **Defining a Clinically Important Change in 6-Minute Walk Distance in Patients With Heart Failure and Mitral Valve Disease** *CIRCULATION-HEART FAILURE*
Jain, S. S., Cohen, D. J., Zhang, Z., Uriel, N., Sayer, G., Lindenfeld, J., Abraham, W. T., Mack, M. J., Stone, G. W., Arnold, S. V.
2021; 14 (3): 405-407
- **Admission Cardiac Diagnostic Testing with Electrocardiography and Troponin Measurement Prognosticates Increased 30-Day Mortality in COVID-19** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
Poterucha, T. J., Elias, P., Jain, S. S., Sayer, G., Redfors, B., Burkhoff, D., Rosenblum, H., DeFilippis, E. M., Gupta, A., Lawlor, M., Madhavan, M. V., Griffin, J., Raikhelkar, et al
2021; 10 (1): e018476
- **Clinical and economic burden of obstructive hypertrophic cardiomyopathy in the United States** *JOURNAL OF MEDICAL ECONOMICS*
Jain, S. S., Li, S. S., Xie, J., Sutton, M. B., Fine, J. T., Edelberg, J. M., Gao, W., Spertus, J. A., Cohen, D. J.
2021; 24 (1): 1115-1123
- **The Evolving Roles of Digital Health, Big Data and AI: "Tech-celeration" in CV Care**
Jain, S. S.
Cardiology Magazine.
2021
- **Prognostic Importance of Functional Status Versus Health Status in Patients With Heart Failure and Severe Secondary Mitral Regurgitation**
Arnold, S., Stone, G., Jain, S., Mack, M., Saxon, J., Ambrosy, A., Malik, U., Ku, I., Mishell, J., Zhang, Z., Lindenfeld, J., Abraham, W., Cohen, et al
ELSEVIER SCIENCE INC.2020: B152-B153
- **An Evaluation of Biometric Monitoring Technologies for Vital Signs in the Era of COVID-19** *CTS-CLINICAL AND TRANSLATIONAL SCIENCE*
Manta, C., Jain, S. S., Coravos, A., Mendelsohn, D., Izmailova, E. S.
2020; 13 (6): 1034-1044
- **The Prognostic Value of Electrocardiogram at Presentation to Emergency Department in Patients With COVID-19** *MAYO CLINIC PROCEEDINGS*
Elias, P., Poterucha, T. J., Jain, S. S., Sayer, G., Raikhelkar, J., Fried, J., Clerkin, K., Griffin, J., DeFilippis, E. M., Gupta, A., Lawlor, M., Madhavan, M., Rosenblum, et al
2020; 95 (10): 2099-2109

- **Indications for and Findings on Transthoracic Echocardiography in COVID-19** *JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY*
Jain, S. S., Liu, Q., Raikhelkar, J., Fried, J., Elias, P., Poterucha, T. J., DeFilippis, E. M., Rosenblum, H., Wang, E. Y., Redfors, B., Clerkin, K., Griffin, J. M., Abdalla, et al
2020; 33 (10): 1278-1284
- **The Variety of Cardiovascular Presentations of COVID-19** *CIRCULATION*
Fried, J. A., Ramasubbu, K., Bhatt, R., Topkara, V. K., Clerkin, K. J., Horn, E., Rabbani, L., Brodie, D., Jain, S. S., Kirtane, A. J., Masoumi, A., Takeda, K., Kumaraiah, et al
2020; 141 (23): 1930-1936
- **COVID-19 and Cardiovascular Disease** *CIRCULATION*
Clerkin, K. J., Fried, J. A., Raikhelkar, J., Sayer, G., Griffin, J. M., Masoumi, A., Jain, S. S., Burkhoff, D., Kumaraiah, D., Rabbani, L., Schwartz, A., Uriel, N.
2020; 141 (20): 1648-1655
- **Impact of Periprocedural Major Adverse Events After PCI and CABG on Long-Term Outcomes in Patients With Left Main Disease: The EXCEL Trial**
Jain, S., Dressler, O., Serruys, P., Kappetein, A., Sabik, J., Leon, M., Taggart, D., Morice, M., Puskas, J., Kandzari, D., Lembo, N., Brown, W., Banning, et al
ELSEVIER SCIENCE INC.2019: B306
- **Diagnostic Capability of Three-Dimensional Macular Parameters for Glaucoma Using Optical Coherence Tomography Volume Scans** *INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE*
Vercellin, A., Jassim, F., Poon, L., Tsikata, E., Braaf, B., Shah, S., Ben-David, G., Shieh, E., Lee, R., Simavli, H., Que, C. J., Papadogeorgou, G., Guo, et al
2018; 59 (12): 4998-5010
- **Leading Change – A National Survey of Chief Innovation Officers in Health Systems** *Health Management, Policy & Innovation*
Shah, S. P., McCourt, L., Jakobson, K., Saddington, A., Harvey, K., Schulman, K. A.
2018; 3 (1)
- **Committing To Transformation: Chief Innovation Officers And The Role Of Organizational Redesign**
Jain, S. S., Schulman, K. a.
Health Affairs Forefront.
2018
- **Why are patients being readmitted after surgery for esophageal cancer?** *JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY*
Shah, S. P., Xu, T., Hooker, C. M., Hulbert, A., Battafarano, R. J., Brock, M. V., Mungo, B., Molena, D., Yang, S. C.
2015; 149 (5): 1384-1389
- **IMPROVING THE ICU PATIENT EXPERIENCE: THE C4 (CRITICAL CARE COLLABORATION AND COMMUNICATION) PROJECT**
Landon, J., York, S., Shah, S., Hartman-Shea, K., Teague, P., Wilkerson, H., Kraeuter, S., Zakaria, S.
LIPPINCOTT WILLIAMS & WILKINS.2014
- **Notch-1 and Notch-4 Receptors as Prognostic Markers in Breast Cancer** *INTERNATIONAL JOURNAL OF SURGICAL PATHOLOGY*
Yao, K., Rizzo, P., Rajan, P., Albain, K., Rychlik, K., Shah, S., Miele, L.
2011; 19 (5): 607-613
- **The 2.5 angstrom Structure of CD1c in Complex with a Mycobacterial Lipid Reveals an Open Groove Ideally Suited for Diverse Antigen Presentation** *IMMUNITY*
Scharf, L., Li, N., Hawk, A. J., Garzon, D., Zhang, T., Fox, L. M., Kazen, A. R., Shah, S., Haddadian, E. J., Gumperz, J. E., Saghatelian, A., Faraldo-Gomez, J. D., Meredith, et al
2010; 33 (6): 853-862