



Zahra Azizi

Postdoctoral Scholar, Cardiovascular Medicine

Bio

BIO

I am a medical doctor and clinical epidemiologist, presently serving as a scientist at Stanford University. My work centers on precision medicine, employing digital health, computer science, and artificial intelligence (AI) techniques. I am dedicated to integrating and applying these methodologies within the medical field to generate novel insights and deepen understanding of health-related issues. My focus also extends to tackling health disparities, with the ultimate goal of enhancing patient care and reducing disease impact.

HONORS AND AWARDS

- Roger R. Williams Award for Genetic Epidemiology and the Prevention and Treatment of Atherosclerosis, American Heart Association (2023)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Early Career Editorial Board, Journal of the American Heart Association (2023 - present)

STANFORD ADVISORS

- Themistocles Assimes, Postdoctoral Faculty Sponsor

LINKS

- LinkedIn: <https://www.linkedin.com/in/zahra-azizimd/>
- Google Scholar: <https://scholar.google.com/citations?user=0IJGm-kAAAAJ&hl=en>
- Twitter: <https://twitter.com/zahraazizimd?lang=en>
- Researchgate: <https://www.researchgate.net/profile/Zahra-Azizi>
- YouTube Channel: <https://youtube.com/@EducationForPatients>

Research & Scholarship

PROJECTS

- Optimization Toolkit for Management of Heart Failure after Discharge: ENGAGE_HF - Stanford University
- Role of social determinants of health in cardiac disease management, complications, and adherence using novel machine learning algorithms - Stanford University
- Cardiac Arrhythmia - Stanford University
- Epigenetics - Stanford University

Publications

PUBLICATIONS

- **Patient Representativeness With Virtual Enrollment in the PRO-HF Trial.** *Journal of the American Heart Association*
Gupta, A., Skye, M., Calma, J., Din, N., Azizi, Z., Hernandez, M. F., Zheng, J., Kalwani, N. M., Malunekar, S., Schirmer, J., Wang, P., Rodriguez, F., Heidenreich, et al
2024; 13 (2): e030903
- **Challenge of Optimizing Medical Therapy in Heart Failure: Unlocking the Potential of Digital Health and Patient Engagement.** *Journal of the American Heart Association*
Azizi, Z., Golbus, J. R., Spaulding, E. M., Hwang, P. H., Ciminelli, A. L., Lacar, K., Hernandez, M. F., Gilotra, N. A., Din, N., Brant, L. C., Au, R., Beaton, A., Nallamothu, et al
2024; 13 (2): e030952
- **Design and Implementation of an Electronic Health Record-Integrated Hypertension Management Application.** *Journal of the American Heart Association*
Funes Hernandez, M., Babakhanian, M., Chen, T. P., Sarraju, A., Seninger, C., Ravi, V., Azizi, Z., Tooley, J., Chang, T. I., Lu, Y., Downing, N. L., Rodriguez, F., Li, et al
2024; 13 (2): e030884
- **Digital Health Interventions for Heart Failure Management in Underserved Rural Areas of the United States: A Systematic Review of Randomized Trials.** *Journal of the American Heart Association*
Azizi, Z., Broadwin, C., Islam, S., Schenk, J., Din, N., Hernandez, M. F., Wang, P., Longenecker, C. T., Rodriguez, F., Sandhu, A. T.
2024; 13 (2): e030956
- **Informative Artifacts in AI-Assisted Care.** *The New England journal of medicine*
Azizi, Z., Vedelli, J. K., Anand, K. J.
2023; 389 (22)
- **Role of sex and gender-related variables in development of metabolic syndrome: A prospective cohort study.** *European journal of internal medicine*
Alipour, P., Azizi, Z., Raparelli, V., Norris, C. M., Kautzky-Willer, A., Kublickiene, K., Herrero, M. T., Emam, K. E., Vollenweider, P., Preisig, M., Clair, C., Pilote, L.
2023
- **Leveraging Digital Health to Improve the Cardiovascular Health of Women.** *Current cardiovascular risk reports*
Azizi, Z., Adedinsowo, D., Rodriguez, F., Lewey, J., Merchant, R. M., Brewer, L. C.
2023; 17 (11): 205-214
- **Evaluating Recommendations About Atrial Fibrillation for Patients and Clinicians Obtained From Chat-Based Artificial Intelligence Algorithms.** *Circulation. Arrhythmia and electrophysiology*
Azizi, Z., Alipour, P., Gomez, S., Broadwin, C., Islam, S., Sarraju, A., Rogers, A. J., Sandhu, A. T., Rodriguez, F.
2023; e012015
- **Natural language processing to identify reasons for sex disparity in statin prescriptions.** *American journal of preventive cardiology*
Witting, C., Azizi, Z., Gomez, S. E., Zammit, A., Sarraju, A., Ngo, S., Hernandez-Boussard, T., Rodriguez, F.
2023; 14: 100496
- **Clinical Trial Technologies for Improving Equity and Inclusion in Cardiovascular Clinical Research.** *Cardiology and therapy*
Broadwin, C., Azizi, Z., Rodriguez, F.
2023
- **GENDERED SOCIAL DETERMINANTS OF HEALTH AND RISK OF MAJOR ADVERSE OUTCOMES IN ATRIAL FIBRILLATION**
Houle, J., Proietti, M., Azizi, Z., Atzema, C., Norris, C. M., Lip, G. H., Boriani, G., Pilote, L.
ELSEVIER SCIENCE INC.2023: 1659
- **Sociodemographic determinants of oral anticoagulant prescription in patients with atrial fibrillations: findings from the PINNACLE registry using machine learning.** *Heart rhythm O2*
Azizi, Z., Ward, A. T., Lee, D. J., Gad, S. S., Bhasin, K., Beetel, R. J., Ferreira, T., Shankar, S., Rumsfeld, J. S., Harrington, R. A., Virani, S. S., Gluckman, T. J., Dash, et al
2023; 4 (3): 158-168

- **Sex and gender aspects in diabetes mellitus: Focus on access to health care and cardiovascular outcomes** *FRONTIERS IN PUBLIC HEALTH*
Gisinger, T., Azizi, Z., Alipour, P., Harreiter, J., Raparelli, V., Kublickiene, K., Herrero, M., Norris, C. M., El Emam, K., Pilote, L., Kautzky-Willer, A., GOING-FWD Consortium
2023; 11: 1090541
- **Missing Race and Ethnicity Data in Pediatric Studies** *JAMA Pediatr*
Vedelli, J. K., Azizi, Z., Anand, K. J.
2023
- **A comparison of synthetic data generation and federated analysis for enabling international evaluations of cardiovascular health.** *Scientific reports*
Azizi, Z., Lindner, S., Shiba, Y., Raparelli, V., Norris, C. M., Kublickiene, K., Herrero, M. T., Kautzky-Willer, A., Klimek, P., Gisinger, T., Pilote, L., El Emam, K.
2023; 13 (1): 11540
- **The role of sex and gender in hypertension** *JOURNAL OF HUMAN HYPERTENSION*
Azizi, Z., Alipour, P., Raparelli, V., Norris, C. M., Pilote, L.
2022
- **Representation of Women in Atrial Fibrillation Clinical Practice Guidelines** *CANADIAN JOURNAL OF CARDIOLOGY*
Alipour, P., Azizi, Z., Norris, C. M., Raparelli, V., McMurtry, M., Macle, L., Andrade, J., Pilote, L.
2022; 38 (6): 729-735
- **Importance of sex and gender factors for COVID-19 infection and hospitalisation: a sex-stratified analysis using machine learning in UK Biobank data** *BMJ OPEN*
Azizi, Z., Shiba, Y., Alipour, P., Maleki, F., Raparelli, V., Norris, C., Forghani, R., Pilote, L., El Emam, K.
2022; 12 (5): e050450
- **Sex, Gender, and Cardiovascular Health in Canadian and Austrian Populations** *CANADIAN JOURNAL OF CARDIOLOGY*
Azizi, Z., Gisinger, T., Bender, U., Deischinger, C., Raparelli, V., Norris, C. M., Kublickiene, K., Herrero, M., El Emam, K., Kautzky-Willer, A., Pilote, L., GOING FWD Investigators
2021; 37 (8): 1240-1247
- **Fluoroless Catheter Ablation of Atrial Fibrillation: Integration of Intracardiac Echocardiography and Cartosound Module.** *Journal of atrial fibrillation*
Elvin Gul, E., Azizi, Z., Alipour, P., Haseeb, S., Malcolm, R., Terricabras, M., Sanchez Somonte, P., Tsang, B., Khaykin, Y., Wulffhart, Z., Verma, A., Pantano, A.
2021; 14 (2): 20200477
- **The Importance of Gender to Understand Sex Differences in Cardiovascular Disease** *CANADIAN JOURNAL OF CARDIOLOGY*
Connelly, P. J., Azizi, Z., Alipour, P., Delles, C., Pilote, L., Raparelli, V.
2021; 37 (5): 699-710
- **Can synthetic data be a proxy for real clinical trial data? A validation study** *BMJ OPEN*
Azizi, Z., Zheng, C., Mosquera, L., Pilote, L., El Emam, K., GOING-FWD Collaborators
2021; 11 (4): e043497
- **Initial Experience, Safety, and Feasibility of Left Bundle Branch Area Pacing A Multicenter Prospective Study** *JACC-CLINICAL ELECTROPHYSIOLOGY*
Padala, S. K., Master, V. M., Terricabras, M., Chiocchini, A., Garg, A., Kron, J., Shepard, R., Kalahasty, G., Azizi, Z., Tsang, B., Khaykin, Y., Pantano, A., Koneru, et al
2020; 6 (14): 1773-1782
- **Relationship between quality of life and burden of recurrent atrial fibrillation following ablation: CAPCOST multicentre cohort study** *EUROPACE*
Essebag, V., Azizi, Z., Alipour, P., Khaykin, Y., Leong-Sit, P., Sarrazin, J., Sturmer, M., Morillo, C., Terricabras, M., Amit, G., Roux, J., Patterson, S., Verma, et al
2020; 22 (7): 1017-1025
- **Comparison of efficacy of phased multipolar versus traditional radiofrequency ablation: A prospective, multicenter study (CAPCOST)** *PACE-PACING AND CLINICAL ELECTROPHYSIOLOGY*
Essebag, V., Azizi, Z., Alipour, P., Khaykin, Y., Leong-Sit, P., Sarrazin, J., Sturmer, M., Morillo, C., Terricabras, M., Amit, G., Roux, J., Patterson, S., Verma, et al
2019; 42 (7): 942-950
- **Defining Blanking Period Post-Pulmonary Vein Antrum Isolation.** *JACC. Clinical electrophysiology*
Alipour, P., Azizi, Z., Pirbaglou, M., Ritvo, P., Pantano, A., Verma, A., Khaykin, Y.
2017; 3 (6): 568-576

- **A Triple Blinded, Randomized, Placebo-Controlled Clinical Trial to Evaluate the Efficacy and Safety of Oral Vancomycin in Primary Sclerosing Cholangitis: a Pilot Study.** *Journal of gastrointestinal and liver diseases : JGLD*
Rahimpour, S., Nasiri-Toosi, M., Khalili, H., Ebrahimi-Daryani, N., Nouri-Taromlou, M. K., Azizi, Z.
2016; 25 (4): 457-464
- **The correlation between prolonged corrected QT interval with the frequency of respiratory arrest, endotracheal intubation, and mortality in acute methadone overdose.** *Cardiovascular toxicology*
Farsi, D., Mirafzal, A., Hassanian-Moghaddam, H., Azizi, Z., Jamshidnejad, N., Zehtabchi, S.
2014; 14 (4): 358-67
- **Novel scoring system for predicting mortality in patients with ventricular arrhythmias: Analysis from a 24,000 patient cohort**
Deb, B., Rogers, A. J., Tjong, F. Y., Somani, S., Desai, Y., Azizi, Z., Chang, H. J., Bhatia, N. K., Clopton, P., Narayan, S. M.
OXFORD UNIV PRESS.2023
- **Changes in medical therapy after cardiac resynchronization in patients with heart failure: insights from the US Veterans Affairs healthcare system**
Varshney, A., Skye, M., Azizi, Z., Heidenreich, P. A., Sandhu, A. T.
OXFORD UNIV PRESS.2023
- **Validating the association between a composite metric of guideline-directed medical therapy (GDMT) and clinical outcomes for patients with heart failure with reduced ejection fraction (HFrEF)**
Calma, J., Hsiao, S., Varshney, A. S., Azizi, Z., Golbus, J. R., Heidenreich, P. A., Sandhu, A. T.
OXFORD UNIV PRESS.2023
- **Risk of complications in patients undergoing pulmonary vein antrum isolation: a single centre experience**
Khaykin, Y., Azizi, Z., Alipour, P., Gao-Kang, J., Pirbaglou, M., Falvey, G., Khaykin, M., Mooring, A., Jasrai, A., Kamyab, S., Narbonne, M., Malcolm, R., Timajchi, et al
OXFORD UNIV PRESS.2023
- **Use of Human-Centered Design Methodology to Develop a Digital Toolkit to Optimize Heart Failure Guideline-Directed Medical Therapy.** *The Journal of cardiovascular nursing*
Spaulding, E. M., Isakadze, N., Molello, N., Khoury, S. R., Gao, Y., Young, L., Antonsdottir, I. M., Azizi, Z., Dorsch, M. P., Golbus, J. R., Ciminelli, A., Brant, L. C., Himmelfarb, et al
2023
- **VENTRICULAR TACHYCARDIA PREDICTS ATRIAL FIBRILLATION RECURRENCE POST ABLATION: A PROPENSITY SCORE-MATCHED ANALYSIS OF A LARGE PROSPECTIVE STUDY**
Azizi, Z., Deb, B., Feng, R., Ganesan, P., Rogers, A. J., Chang, H., Clopton, P., Narayan, S. M.
ELSEVIER SCIENCE INC.2023: 186
- **OBSTRUCTIVE SLEEP APNEA PORTENDS STROKE IN YOUNG INDIVIDUALS WITHOUT ATRIAL FIBRILLATION: A LARGE REGISTRY STUDY**
Deb, B., Vasireddi, S., Bhatia, N. K., Rogers, A. J., Clopton, P., Baykaner, T., Ganesan, P., Feng, R., Azizi, Z., Narayan, S. M.
ELSEVIER SCIENCE INC.2023: 130
- **Long-term full-scale intelligent quotient outcomes following pediatric and childhood epilepsy surgery: A systematic review and meta-analysis.** *Seizure*
Arfaie, S., Amin, P., Kwan, A. T., Solgi, A., Sarabi, A., Hakak-Zargar, B., Brunette-Clément, T., Pushenko, D., Mir-Moghtadaei, K., Mashayekhi, M. S., Mofatteh, M., Honarvar, F., Ren, et al
2023; 106: 58-67
- **County-Level Factors Explaining the Reversal of the Hispanic Mortality Paradox**
Zuma, B. Z., Azizi, Z., Sarraju, A., Ngo, S., Scheinker, D., Rodríguez, F.
2023
- **EVALUATION OF CHAT-BASED ARTIFICIAL INTELLIGENCE ALGORITHMS FOR PROVIDING ATRIAL FIBRILLATION RECOMMENDATIONS TO PATIENTS AND CLINICIANS**
Azizi, Z., Alipour, P., Gomez, S., et al
2023
- **Variance In Endocardial Voltage Between The Sinus Node And Other Bi-atrial Regions In Patients With Atrial Fibrillation**
Srivastava, V., Ganesan, P., Goyal, J., Deb, B., Azizi, Z., Narayan, S. M.
2023

- **Optimizing ChatGPT to Detect VT Recurrence From Complex Medical Notes**
Feng, R., Brennan, K. A., Azizi, Z., Goyal, J., Pedron, M., Chang, H., Ganesan, P., Ruiperez-Campillo, S., Deb, B., Clopton, P. L., Baykaner, T., Rogers, A. J., Narayan, et al
2023
- **Global burden of cardiovascular diseases and risks, 1990-2022** *Journal of the American College of Cardiology*
Mensah, G. A., et al
2023; 82 (25)
- **EVALUATION OF CHAT-BASED ARTIFICIAL INTELLIGENCE ALGORITHMS FOR PROVIDING ATRIAL FIBRILLATION RECOMMENDATIONS TO PATIENTS AND CLINICIANS**
Azizi, Z., Alipour, P., Gomez, S., et al
2023
- **QRS DURATION CHANGE FOLLOWING AORTIC VALVE REPLACEMENT: ASSOCIATION WITH PERMANENT PACEMAKER RISK AND DIAGNOSTIC UTILITY IN INDIVIDUALS WITHOUT PRE-PROCEDURE CONDUCTION AND RHYTHM DISTURBANCES**
Tsang, B., Pirbaglou, M., Azizi, Z., et al
2023
- **PULMONARY VEIN ANTRUM ISOLATION AS A STANDALONE OUTPATIENT PROCEDURE IN LOW RISK PATIENTS: A FEASIBILITY EVALUATION**
Khaykin, Y., Alipour, P., Azizi, Z., et al
2023
- **Using Human-Centered Design Methodology to Identify Challenges and Inform the Development of a Digital Toolkit to Optimize Heart Failure Guideline-Directed Medical Therapy From Diverse Clinician, Patient, and Patient Health Partner Perspectives**
Spaulding, E., Isakadze, N., Molello, N., Khoury, S., Gao, Y., Young, L., Zghyer, F., Azizi, Z., et al
2023
- **Medial Temporal Tau Predicts Memory Decline in Cognitively Unimpaired Elderly (P5-6.011)**
Kwan, A., Arfaie, S., Theriault, J., Azizi, Z., et al
2023
- **PERI-OPERATIVE AMIODARONE PROPHYLAXIS IN CARDIOVASCULAR SURGERY: IMPACTS ON POST-OPERATIVE LENGTH OF STAY ACCORDING TO PROCEDURE TYPES**
Shamiss, Y., Pirbaglou, M., Gao-Kang, J., Alipour, P., Azizi, Z., et al
2023
- **PRE-OPERATIVE DISCONTINUATION OF NOVEL ORAL ANTICOAGULANTS IN CARDIOVASCULAR SURGERY: IS TWO DAYS ENOUGH?**
Shamiss, Y., Pirbaglou, M., Gao-Kang, J., Alipour, P., Azizi, Z., et al
2023
- **PRE-OPERATIVE DISCONTINUATION OF NOVEL ORAL ANTICOAGULANTS IN CARDIOVASCULAR SURGERY: HOLD TIME IS ASSOCIATED WITH LENGTH OF STAY**
Shamiss, Y., Pirbaglou, M., Gao-Kang, J., Alipour, P., Azizi, Z., et al
2023
- **MULTIVARIATE PREDICTORS OF MORTALITY IN PATIENTS WITH VENTRICULAR TACHYARRHYTHMIA: INSIGHTS FROM A COMMUNITY COHORT OF 24000 INDIVIDUALS**
Deb, B., Goyal, J., Tjong, F., Somani, S., Rogers, A., Desai, Y., Azizi, Z., et al
2023
- **IMPACT OF ELECTRONIC HEALTH RECORD BASED CLINICAL DECISION SUPPORT ON OFF-LABEL DOSING OF DIRECT ORAL ANTICOAGULANTS: RESULTS OF A SINGLE-CENTRE QUASI-EXPERIMENTAL STUDY**
Azizi, Z., Din, N., Fan, J., et al
2023
- **QRS DURATION CHANGE FOLLOWING AORTIC VALVE REPLACEMENT: ASSOCIATION WITH PERMANENT PACEMAKER RISK AND DIAGNOSTIC UTILITY IN INDIVIDUALS WITHOUT PRE-PROCEDURE CONDUCTION AND RHYTHM DISTURBANCES**
Tsang, B., Pirbaglou, M., Azizi, Z., et al
2023

- **PULMONARY VEIN ANTRUM ISOLATION AS A STANDALONE OUTPATIENT PROCEDURE IN LOW RISK PATIENTS: A FEASIBILITY EVALUATION**
Khaykin, Y., Alipour, P., Azizi, Z., et al
2023
- **Risk of complications in patients undergoing pulmonary vein antrum isolation: a single centre experience**
Khaykin, Y., Azizi, Z., Alipour, P., et al
2023
- **Novel scoring system for predicting mortality in patients with ventricular arrhythmias: Analysis from a 24,000 patient cohort**
Deb, B., Rogers, A., Tjong, F., Somani, S., Desai, Y., Azizi, Z., Chang, H., Bhatia, N., Clopton, P., Narayan, S.
2023
- **Validating the association between a composite metric of guideline-directed medical therapy (GDMT) and clinical outcomes for patients with heart failure with reduced ejection fraction (HFrEF)**
Calma, J., Hsiao, S., Varshney, A., Azizi, Z., Golbus, J., Heidenreich, P., Sandhu, A.
2023
- **Changes in medical therapy after cardiac resynchronization in patients with heart failure: insights from the US Veterans Affairs healthcare system**
Varshney, A., Skye, M., Azizi, Z., Heidenreich, P., Sandhu, A.
2023
- **Pre-Operative Predictors of Permanent Pacemaker Implantation Post Aortic Valve Replacement: A Retrospective Cohort Evaluation**
Tsang, B., Pirbaglou, M., Azizi, Z., Alipour, P., Gao-Kang, J., Yang, J., Pantano, A., Sadek, M., Khaykin, Y.
2023
- **Medial temporal tau predicts memory decline in cognitively unimpaired elderly** *BRAIN COMMUNICATIONS*
Kwan, A. H., Arfaie, S., Theriault, J., Azizi, Z., Lussier, F. Z., Tissot, C., Chamoun, M., Bezgin, G., Servaes, S., Stevenon, J., Rahmouni, N., Pallen, V., Gauthier, et al
2022; 5 (1): fcac325
- **Diversity, equity and inclusion in autophagy research** *AUTOPHAGY*
Klionsky, D. J.
2022; 18 (12): 2765-2768
- **Multivariate Predictors of Long-Term Outcome From Ventricular Tachycardia Ablation in a Large Registry**
Goyal, J., Deb, B., Le Menestrel, T., Chang, H., Tjong, F. V., Rogers, A. J., Azizi, Z., Ruiperez-Campillo, S., Feng, R., Ganesan, P., Baykaner, T., John, R., Perez, et al
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Gendered Social Determinants of Health and Risk of Major Adverse Outcomes in Atrial Fibrillation: An Analysis From the ESC-EHRA Euroobservational Research Programme in Atrial Fibrillation General Long-Term Registry**
Houle, J., Proietti, M., Raparelli, V., Azizi, Z., Atzema, C., Norris, C. M., Abrahamowicz, M., Lip, G., Boriani, G., Pilote, L.
LIPPINCOTT WILLIAMS & WILKINS.2022
- **Sex and Gender Impact Mental and Emotional Well-Being During COVID-19 Pandemic: A European Countries Experience** *JOURNAL OF WOMENS HEALTH*
Gisinger, T., Dev, R., Kautzky, A., Harreiter, J., Raparelli, V., Kublickiene, K., Herrero, M., Norris, C. M., Lavoie, K. L., Pilote, L., Kautzky-Willer, A., GOING-FWD Consortium, iCARE Study Team
2022; 31 (11): 1529-1539
- **Sex and gender influence on cardiovascular health in sub-saharan Africa: findings from Ghana, Gambia, Mali, Guinea, and Botswana**
Devi, R., Favour-Ofili, D., Raparelli, V., Behloul, H., Azizi, Z., Kublickiene, K., Kautzky-Willer, A., Trinidad Herrero, M., Pilote, L., Norris, C. M., GOING-FWD OXFORD UNIV PRESS.2022: 2252
- **SEX AND GENDER ASPECTS IN HYPERTENSION PREVALENCE OF CANADIAN AND EUROPEAN POPULATIONS**
Azizi, Z., Lindner, S., Ruiz, M., Alipour, P., Raparelli, V., Norris, C. M., Kublickiene, K., Willer, A., Klimek, P., El Emam, K., Villalba, E., Herrero, M., Pilote, et al
LIPPINCOTT WILLIAMS & WILKINS.2022
- **ROLE OF SEX AND GENDER IN DEVELOPMENT OF METABOLIC SYNDROME: A PROSPECTIVE COHORT STUDY**

Alipour, P., Azizi, Z., Raparelli, V., et al
2022

- **Cardiovascular health through a sex and gender lens in six South Asian countries: Findings from the WHO STEPS surveillance** *JOURNAL OF GLOBAL HEALTH*
Dev, R., Raparelli, V., Pilote, L., Azizi, Z., Kublickiene, K., Kautzky-Willer, A., Herrero, M., Norris, C. M., GOING-FWD Consortium
2022; 12: 04020
- **Sex and Gender Influence on Cardiovascular Health in Sub-Saharan Africa: Findings from Ghana, Gambia, Mali, Guinea, and Botswana** *GLOBAL HEART*
Dev, R., Favour-Ofili, D., Raparelli, V., Behloul, H., Azizi, Z., Kublickiene, K., Kautzky-willer, A., Herrero, M., Pilote, L., Norris, C. M.
2022; 17 (1): 63
- **A COMPARISON OF SYNTHETIC DATA GENERATION AND FEDERATED ANALYSIS FOR PERFORMING AN INTERNATIONAL ASSESSMENT OF GENDER EFFECTS ON CARDIOVASCULAR HEALTH**
Azizi, Z., Linder, S., Shiba, Y., et al
2022
- **A systematic review and meta-analysis of the effect of treadmill desks on energy expenditure, sitting time and cardiometabolic health in adults** *BMC PUBLIC HEALTH*
Oye-Somefun, A., Azizi, Z., Ardern, C., Rotondi, M. A.
2021; 21 (1): 2082
- **COMPARING THE CLINICAL OUTCOME OF PATIENTS UNDERGOING CONTACT FORCE GUIDED RADIOFREQUENCY AND SECOND GENERATION CRYOBALLOON ABLATION**
Azizi, Z., Alipour, P., Malcolm, R., Donegan, S., Nath, S., Sharifzad, F., Falvey, G., Forman, J., Stitz, K., Alireza, S., Gao-Kang, J., Nath, N., Sayrafizadeh, et al
ELSEVIER SCIENCE INC.2021: 418
- **SEX, GENDER AND CARDIOVASCULAR HEALTH, AN ANALYSIS OF SYNTHETIC DATA FROM A POPULATION BASED STUDY**
Azizi, Z., Pilote, L., Raparelli, V., Norris, C., Kublickiene, K., Herrero, M., Kautzky-Willer, A., El Emam, K., GOING-FWD Investigators
ELSEVIER SCIENCE INC.2021: 3258
- **PERIOPERATIVE MANAGEMENT OF ORAL ANTICOAGULANTS IN CARDIAC SURGERY, WHEN IS THE OPTIMAL STOP TIME**
Shamiss, Y., Azizi, Z., Malcolm, R., Donegan, S., Gao-Kang, J., Batrak, M., Samani, A., Owen, C., Falvey, G., Sharifzad, F., Nath, S., Nath, N., Forman, et al
ELSEVIER SCIENCE INC.2021: 1190
- **The Association Between Sex, Gender and Health Status of Stroke Survivors in the Canadian Population**
Azizi, Z., Raparelli, V., Norris, C. M., El Emam, K., Pilote, L., GOING FWD Investigators
LIPPINCOTT WILLIAMS & WILKINS.2021
- **Association Between Rehabilitation and Functional Outcomes of Stroke Survivors: A Population-Based Study**
Azizi, Z., Alipour, P., Rotondi, M., Ardern, C.
LIPPINCOTT WILLIAMS & WILKINS.2021
- **EFFECT OF SINUS NODE DYSFUNCTION ON RECURRENCE OF ATRIAL FIBRILLATION IN PATIENTS UNDERGOING PULMONARY VEIN ANTRUM ISOLATION**
Alipour, P., Azizi, Z., Malcolm, R., et al
2021
- **Identification and inclusion of gender factors in retrospective cohort studies: the GOING-FWD framework** *BMJ GLOBAL HEALTH*
Raparelli, V., Norris, C. M., Bender, U., Herrero, M., Kautzky-Willer, A., Kublickiene, K., El Emam, K., Pilote, L., GOING FWD Collaborators
2021; 6 (4)
- **ROLE OF SEX AND GENDER IN ACCESS TO CARE AND CARDIOVASCULAR COMPLICATIONS OF INDIVIDUALS WITH DIABETES MELLITUS**
Azizi, Z., Gisinger, T., Alipour, P., et al
2021
- **Sex, Gender Factors and Cardiovascular Health in Canadian and Austrian Populations**
Azizi, Z., Gisinger, T., Bender, U., Raparelli, V., Norris, C. M., Kublickiene, K., Herrero, M. T., El Emam, K., Kautzky-Willer, A., Pilote, L., GOING-FWD Investigators

LIPPINCOTT WILLIAMS & WILKINS.2020

- **HSP70/IL-2 Treated NK Cells Effectively Cross the Blood Brain Barrier and Target Tumor Cells in a Rat Model of Induced Glioblastoma Multiforme (GBM)** *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*
Sharifzad, F., Mardpour, S., Mardpour, S., Fakharian, E., Taghikhani, A., Sharifzad, A., Kiani, S., Heydarian, Y., Los, M. J., Azizi, Z., Ghavami, S., Hamidieh, A., Ebrahimi, et al
2020; 21 (7)
- **Sex and gender factors and the cardiovascular health of Canadians**
Azizi, Z., Bender, U., Tadiri, C., et al
2020
- **Effectiveness of atrial fibrillation ablation using a contact force stability module with contact force or non-contact force catheter**
Khaykin, Y., Alipour, P., Azizi, Z., et al
2020
- **Relationship Between CHA2DS2-VASc Score and Long-Term Outcome of Catheter Ablation in Patients With Atrial Fibrillation**
Azizi, Z., Alipour, P., Khaykin, Y., Jansen, C., Avoulov, A., Donegan, S., Lightstone, H., Morris, S., Tamjidi, S., Nath, S., Chiochini, A., Terrabras, M., Verma, et al
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Evaluating The Rate Of Coumadin Prescription In The Era Of Direct Oral Anticoagulants**
Shamiss, Y., Alipour, P., Azizi, Z., Tohidi, H., Jansen, C., Shusterman, A., Varah, N., Donegan, S., Nath, S., Avoulov, A., Tamjidi, S., Lightstone, H., Morris, et al
LIPPINCOTT WILLIAMS & WILKINS.2019
- **EVALUATION OF NOVEL ORAL ANTICOAGULANT PRESCRIPTION PATTERNS IN A TERTIARY CARE CLINIC**
Shamiss, Y., Alipour, P., Azizi, Z., Tohidi, H., Shusterman, A., Lightstone, H., Morris, S., Nath, S., Varah, N., Donegan, S., Avoulov, A., Jansen, C., Tamjidi, et al
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Predictors of Minimal Clinically Important Difference of Quality of Life and Severity Score Post Atrial Fibrillation Ablation**
Azizi, Z., Essebag, V., Alipour, P., Khaykin, Y., Leong-Sit, P., Sarrazin, J., Sturmer, M., Morillo, C. A., Terrabras, M., Amit, G., Roux, J., Verma, A.
LIPPINCOTT WILLIAMS & WILKINS.2019
- **IMPACT OF EVIDENCE-BASED EMR POINT-OF-CARE ALERTS IN GUIDING MEDICAL THERAPY IN PATIENTS WITH CONGESTIVE HEART FAILURE**
Azizi, Z., Tohidi, H., Alipour, P., Sharifzad, A., Khaykin, Y.
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Effects of Cognitive Behavioral and Psycho-Educational Therapy in Patients With Implantable Cardioverter Defibrillators: Systematic Review and Meta-Analysis of Randomized and Quasi-Experimental Trials**
Azizi, Z., Tohidi, H., Alipour, P., Pirbaglou, M., Ardern, C., Rotondi, M., Ritvo, P., Verma, A., Khaykin, Y.
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Clinical Predictors of Ventricular Tachycardia Induced Cardiomyopathy**
Azizi, Z., Alipour, P., Tohidi, H., Khaykin, Y., Chiochini, A., Terrabras, M., Verma, A.
LIPPINCOTT WILLIAMS & WILKINS.2019
- **Pseudoaneurysm of thoracic aorta presenting as inappropriate sinus tachycardia: a case report** *JOURNAL OF MEDICAL CASE REPORTS*
Azizi, Z., Alipour, P., Terrabras, M., Khaykin, Y.
2019; 13 (1): 239
- **Glioblastoma cancer stem cell biology: Potential theranostic targets** *DRUG RESISTANCE UPDATES*
Sharifzad, F., Ghavami, S., Verdi, J., Mardpour, S., Sisakht, M., Azizi, Z., Taghikhani, A., Los, M. J., Fakharian, E., Ebrahimi, M., Hamidieh, A.
2019; 42: 35-45
- **EVALUATING THE EFFECT OF VALSARTAN/SACUBITRIL VS DEVICE THERAPY IN HEALTHCARE RESOURCE UTILIZATION FOR PATIENTS WITH HEART FAILURE**
Azizi, Z., Tohidi, H., Alipour, P., et al
2019
- **Sleep and Cardiac Tachyarrhythmia: Results from the Cross-Sectional Sleep Heart Health Study**

- Alipour, P., Azizi, Z., Khaykin, Y., et al
2019
- **Clinical predictors of ventricular tachycardia induced cardiomyopathy**
Azizi, Z., Khaykin, Y., Tohidi, H., et al
2019
 - **BURDEN OF PATIENT-REPORTED ARRHYTHMIA FOLLOWING CATHETER ABLATION IN PATIENTS WITH PAROXYSMAL ATRIAL FIBRILLATION**
Khaykin, Y., Azizi, Z., Alipour, P., et al
2019
 - **Clinical Characteristics and Surgical Outcomes of Coronary Artery Aneurysm: A Case Series** *Multidisciplinary Cardiovascular Annals*
Azizi, Z., Baharestani, B., Gholampour Dehaki, M., Yaghoubi, A., Ghafarinejad, M., Sadeghpour Tabaei, A., Alizadeh Ghavidel, A.
2019; 10 (1)
 - **Predictors of Implantable Defibrillator Shock Delivery in Patients With Ischemic Cardiomyopathy Undergoing Ablation for Ventricular Tachycardia**
Alipour, P., Khaykin, Y., Azizi, Z., Terricabras, M., Pantano, A., Verma, A.
LIPPINCOTT WILLIAMS & WILKINS.2018
 - **An Analysis of the Hypothalamic-Pituitary-Adrenal Axis Functions in Cirrhotic Rats in Response to Surgical Stress.** *Surgery research and practice*
Yarigholi, F., Zare Mehrjardi, A., Azizi, Z., Baghai Wadji, M.
2018; 2018: 7606304
 - **VALIDATION OF OBJECTIVE SOFTWARE-BASED LESION DEMARCATION SYSTEM DURING PULMONARY VEIN ANTRUM ISOLATION**
Alipour, P., Khaykin, Y., Azizi, Z., Pirbaglou, M., Morris, S., Avoulov, A., Nath, S., Nath, N., Motamed, M., Forman, J., Mallany, P., Ritvo, P., Pantano, et al
ELSEVIER SCIENCE INC.2018: 381
 - **QUALITY OF LIFE POST AF ABLATION AND RELATIONSHIP TO OUTCOME AND AF BURDEN**
Azizi, Z., Verma, A., Alipour, P., Khaykin, Y., Leong-Sit, P., Sarrazin, J., Sturmer, M., Patterson, S., Morillo, C., Amit, G., Roux, J., Essebag, V.
ELSEVIER SCIENCE INC.2018: 379
 - **Differentiation of Crohn's disease and ulcerative colitis in comparison with healthy controls using intestinal wall thickness of the colon: A diagnostic accuracy study of endoscopic ultrasonography**
Roushan, N., Niksirat, A., Daryani, N., Azizi, Z., Pournaghshband, H.
OXFORD UNIV PRESS.2018: S245-S246
 - **HEALTHCARE RELATED COSTS ASSOCIATED WITH RADIOFREQUENCY VERSUS CRYOBALLOON CATHETER ABLATION: FIRE AND ICE TRIAL CANADIAN HEALTH ECONOMIC STUDY**
Alipour, P., Azizi, Z., Anderson, C., , et al
2018
 - **REDUCTION OF HEMATOMA INCIDENTS BY APPLICATION OF FIGURE-OF-8 SUTURE AT THE ACCESS SITE POST CATHETER ABLATION**
Alipour, P., Azizi, Z., Khyakin, Y.
2018
 - **RISKS OF CONCOMITANT ATRIAL FIBRILLATION WITH IDIOPATHIC VENTRICULAR TACHYCARDIA**
Azizi, Z., Terricabras, M., Alipour, P., et al
2018
 - **RELATIONSHIP BETWEEN QUALITY OF LIFE MEASURES WITH ATRIAL FIBRILLATION BURDEN AND ABLATION OUTCOME: CAPCOST MULTICENTER COHORT SUB-STUDY**
Azizi, Z., Verma, A., Terricabras, M., et al
2018
 - **HEALTHCARE RESOURCE UTILIZATION IN PATIENTS WITH ATRIAL FIBRILLATION TREATED WITH CATHETER ABLATION: THE EFFECT OF RECURRENCE AND AF BURDEN**
Azizi, Z., Verma, A., Terricabras, M., Khaykin, Y., Alipour, P., et al
2018

- **Multicenter Prospective Study Comparing Phased Multipolar versus Traditional Radiofrequency Ablation**
Azizi, Z., Verma, A., Alipour, P., Khaykin, Y., Leong-Sit, P., Sarrazin, J., Sturmer, M., Patterson, S., Morillo, C., Amit, G., Roux, J., Essebag, V.
LIPPINCOTT WILLIAMS & WILKINS.2017
- **EVALUATION OF LONG-TERM SUCCESS RATE OF OUTFLOW TRACT ABLATION IN PATIENTS WITH VENTRICULAR TACHYCARDIA**
Alipour, P., Khaykin, Y., Azizi, Z., Michailidis, D., Sharifzad, A., Nath, N., Michaelov, E., Mallany, P., Conti, S., Pantano, A., Verma, A.
ELSEVIER SCIENCE INC.2017: 403
- **EFFECTS OF INDUCTION BEFORE VENTRICULAR TACHYCARDIA ABLATION ON LONG-TERM SUCCESS RATE**
Alipour, P., Khaykin, Y., Azizi, Z., Sharifzad, A., Michailidis, D., Mallany, P., Michaelov, E., Nath, N., Pantano, A., Verma, A.
ELSEVIER SCIENCE INC.2017: 542
- **DETERMINATION OF THE IDEAL CONTACT FORCE REQUIRED DURING PULMONARY VEIN ANTRUM ISOLATION (PVAI)**
Alipour, P., Khaykin, Y., Azizi, Z., Pirbaglou, M., Conti, S., Ritvo, P., Pantano, A., Verma, A.
ELSEVIER SCIENCE INC.2017: 402
- **A Feasibility Pilot Study to Assess the Efficacy of NavX Guided Detection of Pulmonary Vein Electrograms during Atrial Fibrillation Ablation** *Int J Clin Cardiol*
Khaykin, Y., Alipour, P., Ritvo, P., Azizi, Z., Wulffhart, Z., et al
2017; 4 (3)
- **Determination of Ideal Radiofrequency Delivery Parameters, and Areas With High Risk of Pulmonary Vein Reconnection in Patients With Atrial Fibrillation Undergoing Pulmonary Vein Antrum Isolation**
Alipour, P., Khaykin, Y., Conti, S., Azizi, Z., Pirbaglou, M., Ritvo, P., Pantano, A., Verma, A.
LIPPINCOTT WILLIAMS & WILKINS.2016
- **SHORT TERM AND LONG TERM FOLLOW UP OF CORONARY ARTERY BYPASS GRAFT(CABG) PATIENTS BY 256-SLICE MULTI-DETECTOR CT ANGIOGRAPHY: ASSESSMENT OF PATENCY AND PREDICTORS OF GRAFT OCCLUSION**
Azizi, Z., Ghavidel, A., Mohammadzadeh, A., Salehian, R.
ELSEVIER SCIENCE INC.2016: 1746
- **Association of colonic mucosal infiltration of IgG4 plasma cells with ulcerative colitis activity and presence of primary sclerosing cholangitis**
Alborzi, F., Azizi, Z., Daryani, N., Ardalan, F., Aletaha, N., Taslimi, R., Roshan, N.
OXFORD UNIV PRESS.2016: S125
- **Risk factors of primary sclerosing cholangitis and cirrhosis in ulcerative colitis**
Azizi, Z., Farbod, Y., Javid, S., Daryani, N., Basirat, V.
OXFORD UNIV PRESS.2016: S202
- **Tricuspid Regurgitation Dilemma: A Comparison Study between Surgical Versus Medical Management of Patients with Tricuspid Regurgitation** *Multidisciplinary Cardiovascular Annals*
Sadeghpour, A., Alizadehasl, A., Azizi, Z., Alizadeh Ghavidel, A.
2016; 7 (1)
- **WHAT IS THE SUCCESS RATE OF PULMONARY VEIN ISOLATION?**
Alipour, P., Khaykin, Y., Azizi, Z., et al
2016