

Curriculum Vitae

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Education:

1. General Medicine, Tabriz University of Medical Sciences, Tabriz-Iran, 1978-1989.
2. Board Certified in General Surgery, Tabriz University of Medical Sciences, Tabriz-Iran, 1989-1993.
3. Board Certified in subspecialty of Cardio Vascular Surgery, Iran University of Medical Sciences. Tehran-Iran, 1998-2001.

Position:

1. Assistant Professor in Cardiac Surgery, Department of Cardiac Surgery, Tabriz University of Medical Sciences, Iran, 1995-2005.
2. Associate Professor in Cardiac surgery, Department of Cardiac Surgery, Tabriz University of Medical Sciences, Iran, 2005-2018.
3. Professor in Cardiac Surgery, Department of Cardiac Surgery, Tabriz University of Medical Sciences, Iran, 2018-Now
4. Treatment Vice-chancellor (1995-1999)
5. Chancellor of the University and Representative of the Minister in the Province (2002 - 2006)

Teaching Experience:

1. Medical Students, Faculty of Medicine, Tabriz University of Medical Sciences, Iran.
2. General Surgery Residents, Faculty of Medicine, Tabriz University of Medical Sciences, Iran.
3. Cardiac Surgery Residents, Faculty of Medicine, Iran University of Medical Sciences, Iran.

Presentation:

1. **Jodati AR.**, Yousefnia MA., Evaluation of Risk Factors and Outcomes after Redo-CABG, In: 12th Annual Meeting of the Asian Society for cardiovascular surgery. 12-15 April 2004; Istanbul, Turkey.
2. Parvizi R, Montazeri V. **Jodati AR.** Hassanzadeh Salmasi S, Molavipoor A, Magamipoor N. Cardiac Hydatosis Report of 10 Cases In: 12th Annual Meeting of the Asian Society for cardiovascular surgery. 12-15 April 2004; Istanbul, Turkey.

3. Kazemi A, Pezeshkian M, *Jodati AR*, Afrasiabi A, Akbar-Zade F, Nouri M, Dastmalchi S, Jafari A. Molecular Screening of Mutation in TNNT2 Gene Exons on HC patients. First Iranian Heart failure Summit. 28 Feb.-2 Mar. 2007; Tehran. Iran.
4. Shakouri SK, Farahani M, Parvizi R, *Jodati AR*, Effect of cardiac rehabilitation on 100 CABGs patients." Occupational congress in Singapore in 2002.
5. Afrasiabi A, Safaei N., *Jodati AR*, Habibi V., On pump beating coronary artery bypass graft in cardiac high risk patients. 8th International Congress of Update in Cardiovascular surgery, 1-4 March, 2012: Antalya, Turkey.
6. Afrasiabi A, Parvizi R, Pezeshkian M., Safaei N., *Jodati AR*, Aortic Valve Repair in Acute Dissection of the Ascending Aorta. 8th International Congress of Update in Cardiovascular surgery, 1-4 March, 2012: Antalya, Turkey.

Published Articles (Researches):

1. *Jodati AR.*, Yavarikia P. Incidence and Indication of Cesarean in The Eastern Azarbaiejan of Iran, *Medical Journal of Tabriz University of Medical Sciences*, Summer 2000; 34(46):19-24.
2. *Jodati AR.*, Yousefnia MA., Tabatabaei MB., Two Rare and Interesting Case Reports of Hydatid Cyst in the Heart, *Medical Journal of Tabriz University of Medical Sciences*, Summer 2002; -(54):67-70.
3. *Jodati AR*, Mohammadi Beylankuohi E, Astanegi S, Compliance with Universal Precautions (UPS) Among Operating Room (OR) Personnel, *Medical Journal of Tabriz University of Medical Sciences* Autumn 2003; 59,33-35.
4. Farahani M, Shakouri SK, Parvizi R, *Jodati AR*, Effects of Cardiac Rehabilitation in Patients After Coronary Artery Bypass Grafting, *Medical Journal of Tabriz University of Medical Sciences* Autumn 2003; 59,62-65.
5. Mirinejad S.M., *Jodati AR.*, Safaie N., Azar farin R., Bilejani I., Early Extubation Following Coronary Artery Bypass Graft Surgery Protocol Versus Midazolam, *Medical Journal of Tabriz University of Medical Sciences* Summer 2005; 27(2):77-81.
6. *Jodati AR.*, Barardranbagheri R, Cost – Effectiveness of Preoperative Routine Tests in Surgery Patients, *Medical Journal of Tabriz University of Medical Sciences* Spring 2005; 27(1):39-42.
7. *Jodati AR.*, Yousefnia M A., Evaluation of Risk Factors and Outcomes After Redo-CABG, *Medical Journal of Tabriz University of Medical Sciences* Autumn 2005; 27(3):47-51.
8. Shakouri Sk, *Jodati AR*, Eslamian F, Ostad Rahimi AR, Shakeri Ah, Rahbar M, Parvizi R, Nagdi A., Effects of Radial Artery Harvesting on Hand Function in Coronary Artery Bypass Graft Patients, *Medical Journal of Tabriz University of Medical Sciences* Winter 2005; 27(4):51-55.
9. *Jodati AR.*, Shakouri SH., Shakeri AH., Eslamian F., Effect of Radial Artery Harvest in Coronary Artery By Pass Grafting on Forearm Blood Flow, *Kowsar Medical Journal Spring* 2006; 11(1):81-84.
10. Parvizi R, *Jodati AR.* Montzeri V, Hassanzadeh Salmasi S, Varshochi M. Cardiac Echinococcosis Surgical Treatment and Results in 10 Cases: *Iranian Heart Journal*. 2006; 7(4):67-70.

11. **Jodati AR.**, Jabari H., Bakhshian F., The Impacts of Headquarters, Units Minifying Health System Network (An Experience In Tabriz Metropolitan, Iran) *Journal of Health Management*, Volume 9, Number 23, 2006:51-58.
12. **Jodati AR.**, S K Shakurie, M Nazari, M B Raufie , Students' attitudes and practices towards drug and alcohol use at Tabriz University of Medical Sciences, *East Mediterr Health J.* ; 2007 Jul-Aug 13 (4):967-71.
13. K. Ashjaei , A. Kusha , H. Mashadi Abdollahi , H. Jahanbin, **Jodati AR.**, Public Private Participation: The Improved Model of Co-Operative to Manage PHC Services in Iran, *Research Journal of Biological Sciences*, 2007, 2: 691-697.
14. **Jodati AR**, Nourabadi G.R.1; Hassanzadeh S, Dastgiri S, Sedaghat K, Impact of education in promoting the knowledge of and attitude to HIV/AIDS prevention: a trial on 17,000 Iranian students, *International Journal of STD & AIDS*, 18 (6), 2007, 407-409.
15. **Jodati AR.**, Yousefnia MA., Reoperative Coronary Artery Bypass Grafting: Analysis of Early And Late Outcomes, *Rawal Medical Journal*: Vol.33, No.1, 2008, 36-39.
16. Safaie N., **Jodati AR.**, Kazemi B., Montazerghaem H., Tabriz Experience in the Management of Extremity Vascular Trauma, *J Cardiovasc Thorac Res.*, 2009, Vol.1, No.4,1-5.
17. Safaie N. **Jodati AR.**, Kazemi B. Results of Surgical Treatment of Coarctation of the Thoracic Aorta at Madani Heart Hospital:a ten year experience , *J Cardiovasc Thorac Res* 2009; Vol.1 (2): 9-12.
18. Pezeshkian M, Noori M, Najjarpour Jabbari H, Abolfathi A, Afrasiabi A, **Jodati AR**, Safaie N, Rostamzadeh M, Habibi V, Darabi M, Shaaker M, Sattarivend A; Comparison of Fatty Acid Profile between Epicardial and Subcutaneous Adipose in Patients Undergoing Coronary Bypass Graft Surgery, *Medical Journal of Tabriz University of Medical Sciences*, Vol. 32 No.3, 2010. 18-23.
19. Safaie N., **Jodati AR.**, Raoofi M., LVEF Relation to Depression in Coronary Patients, *J Cardiovasc Thorac Res.*, 2011, Vol.2, No.4,23-26.
20. **Jodati AR.**, Raoofi M., Safaie N., Ranjbar F., Noorazar G., Sedaghat K. , Nazari M., Derakhshan A., Poorali R., Naime G, Zahedi R., Mental Health of Candidate Patients for Cardiac Surgery by Test MMPI, *J Cardiovasc Thorac Res.*, 2010, Vol.2, No.3,25-27.
21. Ghotaslou R., **Jodati AR.**, Manzary T., Evaluation of Enterobacteriaceae Resistance to Broad-spectrum Cephalosporins in Patients with Infection following open heart surgery in Shahid Madani Hospital, *J Cardiovasc Thorac Res.*, 2010, Vol.2, No.2,33-36.
22. Safaie N, Maghamipour N, **Jodati AR**, Mahmoodpoor A, Dashtaki L, Hakimzadeh M. New procedure for treatment of atrial fibrillation in patients with valvular heart disease. *Acta Med Iran*. 2010 Sep-Oct; 48(5):337-41.
23. Safaie N., Afrasiabi A., **Jodati AR.**, Shahmohammadi G., Negargar S., Mahmoodpoor A., Valve sparing aortic root reconstruction in acute dissection of the ascending aorta, *Pak Med Sci*, 2011, Vol. 27, No.1, 52-55.
24. Kazemi B, Ahmadzadeh A, Safaie N, **Jodati AR**, Sohrabi B, Afrasiabi A., Influence of anterior periaortic fat pad excision on incidence of postoperative atrial fibrillation., *Eur J Cardiothorac Surg*. 2011 Apr 4.

25. **Jodati AR**, Safaei N, Toufan M, Kazemi B. A unique nail gun injury to the heart with a delayed presentation., *Interact Cardiovasc Thorac Surg*. 2011 Sep;13(3):363-5.
26. Toufan M, **Jodati AR**, Safaei N, Kazemi B, Pourafkari L. Myxomas in All Cardiac Chambers. *Echocardiography*. 2012 Sep 7.
27. Safaie N., **Jodati AR.**, Raoofi M, Khalili M., Depression in Coronary Artery Disease. *J Cardiovasc Thorac Res.*, 2012, 4(3),77-79.
28. **Jodati AR**, Kazemi B. Safaei N, Toufan M, A Ball in the Heart: An Interesting Discovery in a Very Rare Cardiac Tumor, *J Cardiovasc Thorac Res.*, 2013,5(2),77-80.
29. **Jodati AR.** ,Kazemi B., Safaei N., Shokoohi B., Idiopathic Great Saphenous Phlebosclerosis, *Acta Medica Iranica* 2013. 51(6):425-426.
30. **Jodati AR**, Safaie N, Raoofi M, Ghorbani L, Ranjbar F, Noorazar G, Mosharkesh M., Prevalence and Risk Factors of Postoperative Delirium in Patients Undergoing Open Heart Surgery in Northwest of Iran. *J Cardiovasc Thorac Res.* 2013;5(3):97-99.
31. Khalili A., Ghaffari S., **Jodati AR**, Shokoohi B., Pourafkari L., Giant Right Atrial Lipoma Mimicking Tamponade, *Asian Cardiovascular and Thoracic Annals*, Nov 19, 2013.
32. **Jodati AR**, Kazemi B, Safaei N., Rheumatic aortic regurgitation in a patient with large congenital fenestrations in all three leaflets. *J Cardiovasc Thorac Res.* 2014;6(1):61-3.
33. **Jodati AR**, Babaei H, Azarmi Y, Fallah S, Gharebageri A, Fouladi DF, Safaei N. Vasorelaxant effect of 17 α -ethynylestradiol on human saphenous vein., *Adv Pharm Bull.* 2015 Mar;5(1):89-96.
34. Safaie N, Montazerghaem H, **Jodati AR**, Maghamipour N, In-Hospital Complications of Coronary Artery Bypass Graft Surgery in Patients Older Than 70 Years. *J Cardiovasc Thorac Res.* 2015;7(2):60-2.
35. Safaei N, Babaei H, Azarfarin R, **Jodati AR**, Yaghoubi A, Sheikhalizadeh MA., Comparative effect of grape seed extract (*Vitis vinifera*) and ascorbic acid in oxidative stress induced by on-pump coronary artery bypass surgery., *Ann Card Anaesth.* 2017 Jan-Mar;20(1):45-51.
36. Amani M, Darbin A, Pezeshkian M, Afrasiabi A, Safaie N, **Jodati AR**, Darabi M, Shaaker M, Latifi Z, Fattahi A, Farjah GH, Nouri M, Khadem-Ansari MH., The role of cholesterol-enriched diet and paraoxonase 1 inhibition in atherosclerosis progression.*J Cardiovasc Thorac Res.* 2017;9(3):133-139.
37. Paytakhti Oskouei M, Pezeshkian M, Safaie N, Darabi M, Fattahi A, Bijanpour H, Shaaker M, **Jodati AR**, Nouri M., Fatty acids composition of aorta and saphenous vein tissues in patients with coronary artery diseases., *J Cardiovasc Thorac Res.* 2017;9(2):78-84.
38. L Abdollahi, JS Tabrizi, **A Jodati**, N Safaie, M Moradi-Joo, A Daemi., Quality of surgical scrub in a heart hospital: Do not take it for granted. *J Cardiovasc Thorac Res.* 2017; 9(3): 164–169.
39. Dolati S, Yousefi M, Mahdipour M, Afrasiabi Rad A, Pishgahi A, Nouri M, **Jodati AR.** Mesenchymal stem cell and bone marrow mononuclear cell therapy for cardiomyopathy: From bench to bedside. *J Cell Biochem.* 2018; 120(1):45-55.

40. Mihanfar A, Nejabati HR, Fattahi A, Latifi Z, Faridvand Y, Pezeshkian M, **Jodati AR**, Safaie N, Afrasiabi A, Nouri M. SIRT3-mediated cardiac remodeling/repair following myocardial infarction., *Biomed Pharmacother*. 2018; 108:367-373.
41. Faridvand Y, Nozari S, Atashkoei S, Nouri M, **Jodati AR**., Amniotic membrane extracted proteins protect H9c2 cardiomyoblasts against hypoxia-induced apoptosis by modulating oxidative stress, *Biochemical and biophysical research communications*, Volume 503, Issue 3, 10 September 2018, Pages 1335-1341.
42. Nejabati HR, Mihanfar A, Pezeshkian M, Fattahi A, Latifi Z, Safaie N, Valiloo M, **Jodati AR**, Nouri M., N1-methylnicotinamide (MNAM) as a guardian of cardiovascular system., *J Cell Physiol*. 2018 Oct;233(10):6386-6394.
43. Faridvand Y, Nozari S, Vahedian V, Safaie N, Pezeshkian M, Haddadi P, Mamipour M, Rezaie-nezhad A, **Jodati AR**, Nouri M, Nrf2 activation and down-regulation of HMGB1 and MyD88 expression by amnion membrane extracts in response to the hypoxia-induced injury in cardiac H9c2 cells., *Biomedicine & Pharmacotherapy*, Volume 109, January 2019, P 360-368.
44. Rikhtegar R, Pezeshkian M, Dolati S, Safaie N, Afrasiabi Rad A, Mahdipour M, Nouri M, **Jodati AR**, Yousefi M. Stem cells as therapy for heart disease: iPSCs, ESCs, CSCs, and skeletal myoblasts. *Biomed Pharmacother*. 2019, 2; 109:304-313.
45. **Jodati AR**, Pirouzpanah SMB, Fathi Maroufi N, Pezeshkian M, Safaie N, Bijanpour H, Khamaneh A, Mota A, Nouri M. Different expression of Micro RNA-126, 133a and 145 in aorta and saphenous vein samples of patients undergoing coronary artery bypass graft surgery., *J Cardiovasc Thorac Res*. 2019; 11(1): 43-47.
46. Mihanfar A, Nejabati HR, Fattahi A, Latifi Z, Pezeshkian M, Afrasiabi A, Safaie N, **Jodati AR**, Nouri M. The role of sphingosine 1 phosphate in coronary artery disease and ischemia reperfusion injury. *J Cell Physiol*. 2019; 234(3):2083-2094.
47. Nourabadi G, Gouya MM, Somi MH, **Jodati AR**, Ghojzadeh M, Shakibfar F, Rahimi M. A new approach to improving traffic literacy and social capital for behavioral modification, using Advocacy, Social marketing, Campaigns and Social mobilization techniques, with TOT strategy (SHEPMODEL). *J Inj Violence Res*. 2019; 11(4 Suppl 2): Paper No. 89.
48. Faridvand Y, Haddadi P, Vahedian V, Nozari S, Nejabati HR, Pezeshkian M, Afrasiabi A, Safaie N, **Jodati AR**, Nouri M. Human amnion membrane proteins prevent doxorubicin-induced oxidative stress injury and apoptosis in rat H9c2 cardiomyocytes. *Cardiovasc Toxicol*. 2020; 20:370-379.
49. Faridvand Y, Haddadi P, Nejabati HR, Ghaffari S, Zamani-Gharehchamani E, Nozari S, Nouri M, **Jodati AR**. Sulforaphane modulates CX3CL1/CX3CR1 axis and inflammation in palmitic acid-induced cell injury in C2C12 skeletal muscle cells. *Mol Biol Rep*. 2020; 47: 7971–7977.
50. Nemati M, Akseh S, Amiri M, Nejabati MR, **Jodati AR**, Fathi Maroufi N, Faridvand Y, Nouri M. Lactoferrin suppresses LPS-induced expression of HMGB1, microRNA 155, 146, and TLR4/MyD88/NF-kB pathway in RAW264.7 cells. *Immunopharmacology and Immunotoxicology*. 2021; 43(2): 153-159.

51. Khalili AL, **Jodati AR**, Rahimi M, Faravn A, Parizad R. Incomplete removal and accidental retention of temporary epicardial pacing wires in the chest after heart surgery: A case report. *J Tehran Heart Cent.* 2021; 16(3): 129-131.
52. Akseh, S, Nemati M, Zamani-Gharehchamani E, Rezaie Nezhad Zamani A, **Jodati AR**, Pezeshkian M, Nouri M, Gholizadeh D, Safaie N, and Faridvand Y. Amnion Membrane Proteins Attenuate LPS-Induced Inflammation and Apoptosis by Inhibiting TLR4/NF- κ B Pathway and Repressing MicroRNA-155 in Rat H9c2 Cells. *Immunopharmacology and Immunotoxicology.* 2021; 43 (4): 487–94.
53. Akseh S, Karimi MA, Safaie N, Valizadeh A, Rahmanpour D, Pezeshkian M, Nouri M, Faridvand Y, **Jodati, AR**. The serum levels of testosterone in coronary artery disease patients; relation to NO, eNOS, endothelin-1, and disease severity. *Hormone Molecular Biology and Clinical Investigation.* 2022; 43 (1): 55-61.
54. Faridvand Y, Kazemzadeh H, Vahedian V, Mirzajanzadeh P, Nejabati HR, Safaie N, Fathi Maroufi N, Pezeshkian M, Nouri M, **Jodati AR**, Dapagliflozin attenuates high glucose-induced endothelial cell apoptosis and inflammation through AMPK/SIRT 1 activation. *Clinical and Experimental Pharmacology and Physiology.* 2022; 49(6): 643-651.
55. Faridvand Y, Nemati M, Zamani-Gharehchamani E, Nejabati HR, Zamani A, Nozari S, Safaie N, Nouri M, **Jodati AR**. Dapagliflozin protects H9c2 cells against injury induced by lipopolysaccharide via suppression of CX3CL1/CX3CR1 axis and NF- κ B activity. *Curr. Mol. Pharmacol.* 2022; 15(6): 862-869.
56. Torab-Miandoab A, Samad-Soltani T, **Jodati AR**, Rezaei-Hachesu P. Interoperability of heterogeneous health information systems: a systematic literature review. *BMC Med Inform Decis Mak.* 2023 Jan 24;23(1):18.
57. Torab-Miandoab A, Samad-Soltani T, **Jodati AR**, Akbarzadeh F, Rezaei-Hachesu P. A Unified Component-Based Data-Driven Framework to Support Interoperability in the Healthcare Systems, *Heliyon*, 2024 10 (15), e35036

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