



Alireza Alizadeh Ghavidel MD

Associate Professor of Cardiac Surgery

- Date of Birth: Mach 1969
- Place of Birth: Tabriz-Iran
- Marital Status: Married, with One Son
- Work Address: Vali-Asr st., Niayesh Blvd.,
Rajaei cardiovascular Medical & Research center,
Cardiac Surgery Department
Tehran Iran

- Work phone: (+98) 21 2392 2147
- Telefax: (+98) 21 220 42037

- Email: aaghavidel@ gmail.com

Medical Degrees:

Medical Degree:

Tabriz University of Medical Sciences: 1994 (Honors Degree)

Postgraduate Degrees:

- ❖ Board Certified in Cardiovascular Surgery
(Iranian National board of cardiovascular surgeons): September 2005

- ❖ Board Certified in General Surgery
(Iranian National board of General surgeons): September 2001

Postgraduate Courses:

Adult Cardiac Surgery, Heart Transplantation & Assist Devices

- Mayo Clinic, Rochester MN, USA: May 2011
- La Pitie Hospital , Paris, France : Feb 2009-March 2009
- Mayo Clinic, Rochester MN, USA: Dec 2007- March 2008
- Cleveland Clinic, Cleveland OH, USA: March 2008 - April 2008
- Harvard Medical University, Boston MA, USA:
(Brigham & Women's Hospital) April 2008 - May 20
- UCLA Medical Center, Los Angeles,CA, USA: May 2008 - June 2008

Prizes and Awards:

- 1- Second Rank in cardiac surgery board examination, September 2005
- 2- Fifth Rank in general surgery board examination, September 2001
- 3- Awarded travel scholarship in cardiovascular surgery by the Ministry of Health & Medical Educations (Iran)

Clinical Experience in Cardiovascular Surgery:

❖ **Current status (Since March 2009):**

Associate Professor in Cardiovascular Surgery
Rajae Cardiovascular Medical & Research Centre,
Iran University of Medical Science
Tehran, Iran

❖ **Oct.2005 – March 2009:**

Assistant Professor in Cardiovascular Surgery
Rajae Cardiovascular Medical & Research Centre,
Iran University of Medical Science
Tehran, Iran

❖ **October 2002 to September 2005:**

Cardiovascular Surgery Residency Program,
Rajae Cardiovascular Medical & Research Centre
Iran University of Medical Science

Tehran, Iran

Rajaei Cardiovascular Medical & Research Centre (www.rhc.ac.ir) is the oldest and main cardiac surgery and cardiology Centre in Iran. It has over 400 beds and is only dedicated to heart diseases. Over 3500 cardiac surgery procedures are performed annually at this Centre which is a tertiary referral Centre for cardiac surgery in Iran. The full spectrum of cardiac surgery procedures is performed in this hospital including coronary revascularization (both on & off pump), valvular procedures, aortic surgery and full range of congenital heart surgery.

Thesis:

For achievement of subspecialty degree in cardiac surgery:

“Early and Long-term Outcomes in Patients Undergoing Aortic Root Reconstruction by Bentall Technique in Rajaei Cardiovascular & Medical Center”.

Supervised by Dr Mohammad Bagher Tabatabaie

Rajaei Cardiovascular & Medical Center, Iran University of Medical Science

For achievement of specialty degree in general surgery:

“Comparison of clinical results of two techniques (Radial or Snuff box) of Arterio-Venous Fistula in patients with end-stage Renal Disease”.

Supervised by Dr Abolfazl Afsharfard & Dr Mohammad Mozaffar.

Shohada Tajrish General Hospital, Shahid Beheshti University of Medical Science

For achievement of M.D degree:

“The role of Glucose-Insulin-Potassium solution in outcomes of patients with hyperacute myocardial infarction”.

Supervised by Dr Jahanbakhsh Samadikhah

Tabriz University of Medical Science

Clinical Experience in General Surgery:

❖ **October 2001 to September 2002:**

Assistant Professor in General Surgery,
Imam Khomeini General Hospital
Tabriz University of Medical Sciences,
Tabriz, Iran

❖ **October 1997 to September 2001:**

General Surgery Residency Program, (4 years)
Shohada Tajrish General Hospital,
Shahid Beheshti University of Medical Sciences,
Tehran, Iran

Academic and Official appointment:

- ❖ Chairman of the Cardiovascular Surgery Department (Since Oct. 2011).
- ❖ Member of Mortality and Morbidity Committee of the Rajaee Cardiovascular Medical and Research Center (Since May 2011).

- ❖ Member of Organizing Committee of the Operating rooms of the Rajae Cardiovascular Medical and Research Center (Since Nov 2011).
- ❖ Member of Research and Ethics Committee of Rajae Cardiovascular Medical and Research Center (Since Nov 2011).
- ❖ Member of Intensive Care Units Committee of the Rajae Cardiovascular Medical and Research Center (Since Dec 2011).
- ❖ Member of Health Education Central Group of the Rajae Cardiovascular Medical and Research Center (Dec2011-Aug 2013).
- ❖ Member of HSR Council of the Rajae Cardiovascular Medical and Research Center (Dec2011-Aug 2013).
- ❖ Member of Critical Care Unit and CPR Committee of the Rajae Cardiovascular Medical and Research Center (since Nov. 2013).
- ❖ Member of Safety and Risk Management of the Rajae Cardiovascular Medical and Research Center (since Nov. 2013).
- ❖ General Secretary of the First Iranian Joint Congress international Congress of Iranian Society of Cardiac Surgeons, Razi Convention Center, Tehran Iran, April 2012 Scientific Secretary of the EACTS course in Minimally Invasive cardiac Surgery in Tehran, Rajae Cardiovascular Medical and Research Center (Since Nov 2011).
- ❖ Director of Research and Ethics Committee of Cardiac Surgery Department, Rajae Cardiovascular Medical & Research Center (Feb.2011-Oct 2011).
- ❖ Faculty staff of Heart Valve Disease Research Center, Iran Cardiovascular Research Institute, Iran University of Medical Science, (Since 2009).
- ❖ Scientific Deputy of Heart Valve Disease Research Center, Iran Cardiovascular Research Institute, Iran University of Medical Science, (Since May 2011).
- ❖ Director of Official Website of Iranian Society of Cardiac Surgeons (ISCS), (July 2009-2012).
- ❖ Scientific secretary of First Congress of the Iranian Cardiac Perfusion Association, Tehran- Iran, Jan.2009.
- ❖ Associate Editor of Research in Cardiovascular Medicine Journal. (Since 2012).

- ❖ Editorial Board, Iranian Society of Cardiac Surgeons (ISCS) Official Journal, (Since 2008).
- ❖ Editorial Board, Iranian Heart Association (IHA) official Journal, (since 2008).
- ❖ Editorial Board, Journal of Cardiovascular & Thoracic Research, (Since 2009).
- ❖ Editorial Board, Official Journal of Iranian Society of Cardiac Anesthesia. (Since 2011).
- ❖ Member of Iranian Society of Cardiac Surgeon (ISCS), Since 2005.
- ❖ Member of Iranian Heart Association (IHA), Since 2005
- ❖ Member of European Association for Cardiothoracic Surgeons (EACTS), since 2011
- ❖ Member of Iranian Hear Charity (Since 2008).
- ❖ Member of Executive Committee of 6th ISCS Congress, Tehran-Iran, 27-30 Oct.2009.
- ❖ Member of Scientific committee of International IHA Congress, Tehran-Iran, 10-13 May, 2011.
- ❖ Member of Scientific committee of second Iranian Congress of Cardiothoracic & Vascular Anesthesia, Yazd-Iran 13-15 May 2009.

Publications:

1. **Ghavidel A.A**, Javadicasgari H, Sadeghpour A, Totonchi Z, Modified Aortic Root Replacement Technique in Destructive Ventricular-Aortic Discontinuity. *The Annals of thoracic surgery*, January 2014 ,97 (1); 347-349.
2. **Ghavidel A.A**, Samiei N, Javadikasgari H, Bashirpour K. Premeasured Neochordae Loop Maker: A New Technology in Mitral Valve Repair. *Innovations: Technology & Techniques*

in Cardiothoracic & Vascular Surgery: November/December 2013 - Volume 8 - Issue 6 - p 443-449.

3. **Ghavidel A.A**, Kyavar M, Sadeghpour An, Tototnchi Z, Mirmesdagh Y,Almassi N, Madadi Sh. Unusual Clinical Presentation of a Giant Left Ventricle Hydatid Cyst. J Cardiovasc Thorac Res, 2013, 5(4), 175-178.
4. **Ghavidel A.A**, Samiei N, Javadikasgari H, Bashirpour K. Neochordameter: A New Technology in Mitral Valve Repair. Reserch in Cardiovasc Medicine. 2013 September; 1(5): 186-9.
5. **Ghavidel A.A**, Nabavi S, Haghjoo M, Totonchi Z, Mirmesdagh Y, Javadikasgari H. “Amiodaron Versus Lidocain for the Prevention of Reperfusion Ventricular Fibrillation: A Randomized Clinical Trial” Arya ateroscler 2013; Vol 9, No 6
6. Totonchi Z, Seifi S, Chitsazan M, **Ghavidel A.A**, Baazm F, Faritus Z.. “ pain Location and Intensity During the first Week Following Coronary Artery Bypass Graft Surgery” Anesth Pain Med. 2013 Dec; 3(3):e10386.
7. **Ghavidel AA**, Noorizadeh E, Pouraliakbar H, Mirmesdagh Y, Hosseini S, Asgari B, Dehaki MG. Impact of Intact Pleura during Left Internal Mammary Artery Harvesting on Clinical Outcome.J Tehran Heart Cent. 2013 Jan;8(1):48-53. Epub 2013 Jan.
8. **Ghavidel AA**, Sadeghpour A, Alizadehasl A. Rescue coronary artery bypass grafting in isolated life-threatening right ventricular failure after aortic valve replacement. J Thorac Cardiovasc Surg. 2012 Dec;144(6):1538-9. doi: 10.1016/j.jtcvs.2012.08.024.
9. Haghjoo M, Heidarali M, Nikfarjam S, Peighambari M, **Ghavidel A.A**, Hosseini S, Jalali A. Very Late Effects of Postoperative Atrial Fibrillation on Outcome of Coronary Artery Bypass Graft Surgery. Res Cardiovasc Med.2012;1(1):.
10. Omrani G, Baghaei R, **Ghavidel A.A**, Baharestani B, Gholampour M.“ Re-do Tricuspid Valve Replacement, Technical Consideration: valve in Valve Insertion, Iranian J cardiac Surgery. Aug 2012: 4(3).

11. Samiei N, Kashfi F, Khamoushi A, Hosseini S, **Alizadeh Ghavidel A**, Taheripanah R, Mirmesdagh Y. Pregnancy outcome after mechanical mitral valve replacement: a prospective study. J Tehran Heart Cent. 2012 Aug;7(3):117-20. Epub 2012 Aug 31.
12. **Ghavidel AA**, Gholampour M, Kyavar M, Mirmesdagh Y, Tabatabaie MB. Constrictive pericarditis treated by surgery. Tex Heart Inst J. 2012;39(2):199-205.
13. Talebi Ardakani M, Sobouti F, **Ghavidel A.A**, Gholampour M, Shariati M, Kazemi B. “ Association Between Periodontal Pathogens and Coronary Artery Disease: A case control Study” Iranian Heart Journal 2011;12,2:34-41.
14. Mozaffari K, **Ghavidel A.A** “ Thymic Cavernous Hemangioma: An Incidental Finding During CABG in ASeventy years-old Woman (A case Report). Iranian Journal of Cardiac Surgery, 2011;3,3: 42-44.
15. Gholampour M, Sadeghpour A, Azadi C, **Ghavidel A.A**, Omrani G “Pulmonary Artery Banding in the Current Era: Is it still Safe and Useful? The Iranian journal of Cardiac Surgery” 2011;3,3:12-17
16. Askari B, Rezaei M, Moosavi M, Sharifi M, Babakan R. “Does Retrograde Administration of Cardioplegic Solution Improve the Clinical Outcome in Primary CABG” Iranian J cardiac Surgery 2011;(3),2:235-41
17. Khamoushi A, Kashfi F, Hosseini S, **Ghavidel A.A**, Samiei N, haddadzadeh M “Anticoagulation During Pregnancy in Women with Mechanical Heart Valves: A Prospective Study” Int J Fertility & Sterility; 2011 (5),3: 47-51.
18. Gholampour M, **Ghavidel A.A**, Givtaj N, Omrani G, salehi S, “ Recurrence rate of Different Techniques of Coarctation of Aorta: A 10 Years experience” Ann Ped Cardiol 2010; (3), 2:123-6.
19. Sadeghpour A, Maali S, Alavi M, Babae T, **Ghavidel AA**. “A 12 Year experience with

primary Cardiac tumors” Iranian Heart J. 2010; 11,2: 49-55.

20. Gholampour M, Salehi S, Mali A, **Ghavidel AA**, baharestani B, Nakhaeezadeh R, Deris D, “ Outcome of VSD Repair in Various Anomaies: a Single Institute Experience & Literature Review” Iranian Heart J. 2009; 10,4:40-44.
21. Omrani G, **Ghavidel AA**, Sharifie M, Nakhaiezadeh R, “ Midterm result & Surgical Technique Consideration in Pulmonary Thromboendathrectomy” J of cardiovascular & Thoracic research. 2009; 3:23-28
22. Gholampour M, Omrani G, **Ghavidel A.A**, baharestani B “dysphagia Lusoria caused by Aberrent right Subclavian Artery: Vascular Ring” Iranian Heart Journal 2010; (11),3:40-43.
23. Hosseini S, Haddadzadeh M, **Ghavidel AA**, “ Atrial Septal Aneurysm Concomitant with Sever Mitral stenosis” Iranian Heart J. 2009 10,3:47-50.
24. **Ghavidel AA**, Alinejad Z, Totouchi Z, Nourizadeh E, JalilifarN, Adambeig A,Bakhshandeh H,Gholampour M, Tabatabaie MB, “Continous Local Infusion of bupivacain with On-Q Pump System for Pain management after Median Sternotomy”Iranian J cardiac Surgery. 2009 Aug 2:3-9.
25. **Ghavidel AA**, jalilifar N, Sharifi M, ghasemzadeh B, Alinejad Z, Khamushi A, Bakhshandeh H, Hosseini S, farsad F, yousefnia MA, “ Role of epsilon Amincaproic acid & Tranexamic Acid,vs Placebo in Reduction of Mediastinal Bleeding following Open heart Surgery” Iranian J cardiac Surgery. 2009 Aug 2:13-8.
26. Gholampour M, **Ghavidel A.A**, Givtaj N, “ Midterm Results after Surgical correction of Total Anoumalous Pulmonary Venous Connection” Med J IR Iran.Aug. 2008,22(2).
27. **Ghavidel AA**, Javadpour H, Shafiee M, Tabatabaie MB, Raiesi K, Hosseini S. “Cryoablation for surgical treatment of chronic atrial fibrillation combined with mitral valve surgery: a clinical observation” . Eur J Cardiothorac Surg. 2008 Jun;33(6):1043-8.

28. **Ghavidel AA**, Javadpour H, Tabatabaei MB, Adambeig A, Raeisi K, Noohi F. "Complete surgical repair of Tetralogy of Fallot in adults, is it ever too late?" J Card Surg. 2008 Jan-Feb;23(1):23-6.
29. Shafiee M, Baharestani B, Nemati B, Hosseini S, **Ghavidel AA**, Baghaie R, Tabaie AS. "Off Pump versus On Pump Coronary Artery Bypass Surgery in Shahid Rajaee heart Center" Iranian J Cardiac Surgery. Jan 2008, 2: 21-25.
30. **Ghavidel AA**, Javadpour H, Tabatabaie MB, Adambeig A, Hosseini S, Gholampour M, Mirsadeghi H, "Surgical Treatment of Chronic Constrictive Pericarditis, Is tuberculosis Still A Common Cause?" Iranian J cardiac Surgery 2008 Dec. 2:3-10.
31. Omrani G, **Ghavidel AA**, Ghaffari R, Tabatabaie MB. "Valve Replacement I Small Aortic Root; A Ten year Experience of Aortic Root Reconstruction By Manouguian's Technique". Iranian J Cardiac Surgery. 2008; 2: 15-20
32. **Ghavidel AA**, Javadpour H, kashfi F, Adambeig A, Gholampour M, Tabatabaie MB. "Does Coronary Artery Bypass Graft Surgery Improve Whole Aspects of Quality of Life" Iranian J Cardiac Surgery. Jan 2008, 2: 29-32.
33. Kashfi F, Khamooshi A, Madani T, Hosseini S, Taheripanah R, **Ghavidel AA**. "Pregnancy Outcome with Intracytoplasmic Sperm Injection Method in a Woman with Prosthetic Heart Valves. Iranian JOURNAL OF FERTILITY AND STERILITY. 2007 Vol.1:(2) Pages: 47-100
34. **Ghavidel AA**, "Surgical Management of Small Aortic Root (Review article) Iranian J of cardiac Surgery 2007; 3:15-22.
35. Hosseini S, **Ghavidel AA**, Shafiee M, Tabatabaie MB, Raiesi K. "Recent topics on the surgical treatment of chronic atrial fibrillation: Efficacy and safety of Cryosurgical ablation. Iranian journal of cardiac surgery" Jan 2008; vol 2,no1.
36. **Ghavidel AA**, Omrani G, Arabi M, Givtaji N, Mozaffarian A, "Association of primary cardiac malignancy and Wilm's tumor, A Case report. Iranian journal of cardiac surgery" 2007; 3:35-37.

37. Givtaj N, **Ghavidel AA**, Sheiki A, Gholampour M, Yousefnia MA, Mid-term Results After Surgical Correction of Total Anomalous Pulmonary Venous Connection. Iranian journal of cardiac surgery 2007; 6.

38. **Ghavidel A.A**, Kashfi. F, Javadpour H, Adambeig A, Gholampour M, Tabatabaie MB. Does Coronary Artery Bypass Graft Surgery Improve Whole Aspects of Quality of Life? Iranian journal of cardiac surgery 2007;5.

39. Tabatabaie MB, **Ghavidel AA**, Yousefnia MA, Hoseini S, Javadpour SH, Raesi K. Classic konno-rastan procedure: indications and results in the current era. Asian Cardiovasc Thorac Ann. 2006 Oct;14(5):377-81.

40. **Ghavidel AA**, Tabatabaei MB, Yousefnia MA, Omrani GR, Givtaj N, Raesi K. Mortality and morbidity after aortic root replacement: 10-year experience. Asian Cardiovasc Thorac Ann. 2006 Dec;14(6):462-6.

41. MB Tabatabaei, **Ghavidel A.A**, K. Raisi, M.Yousefnia, G. Omrani, N.Givtaj, S. Hoseini, A. Yaghoubi, M.Arabi, H. Javadpour, B. Baharestani, A. Sadeghpour Tabaie. The Rastan-Konno Procedure for Complex left Ventricular Outflow Tract Obstruction and Small Aortic Root,. Iranian Heart Journal, volume 6,number 4,Winter 2005,27-33.

42. **A.A Ghavidel**, MB Tabatabaie, MA Yousefnia, G. Omrani, B. Baharestani, K. Raiesi Early and mid-term outcomes in patients undergoing aortic root replacement in Rajaei Heart centre. Iranian Heart Journal 2005,vol. 6, No.3, 6-1.

43. Kashfi F, Tabatabaie M.B, Khamoshi A.J, Hosseini S,Sadeghpour A, **Ghavidel A.A**. "Methods of contraceptive in women with prosthetic heart valves in Shaheed Rajaei Cardiovascular, Medical & Research Center" Medical journal of reproduction and infertility, volume 6-issue 3-summer 2005

44. **Ghavidel A.A**, Mozaffar M, Afshar A. Results of bilateral inguinal hernia repair using pre-

peritoneal patch method. Journal of Iranian Society surgeons, Persian 2002; 31:132-136.

45. Afshar A, **Ghavidel A.A**, Kalantar motamedi. Efficacy and patency rate of arteriovenous fistula in hemodialysis patients, A comparative study of two anatomic areas; radial versus snuff box. Pajuhande Journal, Persian 2001; 26:87-92.

Scientific Projects in Progress:

- I. Efficiency of Caproamin in Reduction of CABG Mediastinal Bleeding in High Risk Patients.
- II. The Evaluation of the Safety and efficacy of anterograde (intracoronary) and retrograde (via coronary sinus) injection of autologous mononuclear bone marrow stem cell in patients with the history of repaired Tetralogy of Fallot who undergo pulmonary valve replacement surgery: A Phase I and II clinical trial.
- III. Correlation between the number of gaseous micro-emboli detected by Trans Esophageal Echocardiography in cardiopulmonary bypass surgery and postoperative multi organ function.
- IV. Coronary sinus Inflammatory and ischemic biomarkers level in retrograde- anterograde versus anterograde cardioplegia during cardiopulmonary bypass surgery: A single blinded randomized controlled trial.
- V. The Evaluation of the Safety and efficacy of retrograde (via coronary sinus) injection of autologous mononuclear bone marrow stem cell in patients with the history of previous myocardial infarction and chronic heart failure who undergo coronary artery bypass surgery: A Phase I and II clinical trial.

- VI. Evaluation the efficacy of a new device for measuring the length of neochordae in mitral mitral valve repair based on perioperative echocardiographic views: A phase II clinical trial.

- VII. Efficacy of modified cox-maze procedure with cryoablation in patients with persistent atrial fibrillation undergoing concomitant mitral valve surgery: Single Blinded Randomized Controlled Trial.

- VIII. Safety of autologous intra papillary muscle injection of bone marrow stem cell in patients with up to moderate ischemic mitral regurgitation: A Phase II clinical trial.

- IX. Determining the performance of two preoperative risk models; Euro SCORE II and STS in a prospective cardiac surgery database.

- X. CO2 insufflation effect on the number of microemboli detected by Transesophageal echocardiography on multi-organ function in cardiopulmonary bypass surgery: A single-blinded randomized controlled trial

- XI. Long-term outcome of Type A Aortic dissection at Rajaie Heart Center (a single center data registry)

Innovation:

Premeasured Neochordameter: (Neochordae Loop Maker)

A new and Novel device that enables cardiac surgeons to make neochordae loops before commencing the cardiopulmonary bypass and might lessen the complexity and the procedure time especially in minimally invasive and robotic mitral valve repair.

Related articles:

1.Ghavidel A.A, Samiei N, Javadikasgari H, Bashirpour K. Premeasured Neochordae Loop Maker: A New Technology in Mitral Valve Repair. Innovations: Technology & Techniques in Cardiothoracic & Vascular Surgery: November/December 2013 - Volume 8 - Issue 6 - p 443-449.

2.Ghavidel A.A, Samiei N, Javadikasgari H, Bashirpour K. Neochordameter: A New Technology in Mitral Valve Repair. Reserch in Cardiovasc Medicine. 2013 September; 1(5): 186-9.

Books:

- ✓ **Valvular Heart Disease** (Persian) Authors: Tabatabaie MB, Gholampour M, **Ghavidel AA**, Omran Publication 2009
- ✓ **Anatomy of Trunk;Gray's Anatomy**, Persian translation **Ghavidel A.A**, Azimzadeh B. - Jahad Daneshgahi Publications, 1992.

Presentations:

- ✓ Updates in CABG Guidelines. **Ghavidel A.A** (Invited Lecturer) “37th annual meeting of the Iranian Association of surgeons” April 2013.
- ✓ Prosthetic Heart Valve & pregnancy: a 10 year Experience. Kashfi F, Samiei R, Khamooshi AJ, Hosseini S, **Ghavidel A.A**, Taheripour R. “2th International Congress on Cardiac Problems in Pregnancy”, May 2012, Berlin, Germany.
- ✓ Emergency Open Heart Surgery during Pregnancy. Kashfi F, Hosseini S, Khamooshi AJ, Samiei R, **Ghavidel A.A**, yazdanian F. “ 1th Iranian Cardiovascular Joint Congress” Sep. 2012, Tehran, Iran.

- ✓ Preliminary report of the first clinical trial in Iran on “usefulness of the Tachosil patch as homeostatic agent in complex open heart surgeries”. **Ghavidel A.A** Bi-monthly meeting of ISCS, Tehran Heart Center, Tehran-Iran, September 2011.
- ✓ Sever RV failure after Bentall procedure in a young lady with history of type A aortic dissection, **Ghavidel A.A** Bi-monthly meeting of ISCS, Tehran Heart Center, Tehran-Iran , July 2011
- ✓ Prosthetic Heart Valve Choice in Childbearing Women. **Ghavidel A.A** (Invited Lecturer) First Symposium of Pregnancy & Heart Valve Disease, 10th July 2011, Tehran-Iran.
- ✓ Pregnancy after Mechanical Mitral Valve Replacement. Kashfi F, Khamooshi AJ, Hosseini S, **Ghavidel A.A**, Samiei R, Taheripour R. “ 59th International Congress of European Society of Cardiovascular Surgery, April 2010, Istanbul, Turkey.
- ✓ Metabolic Responses to Injury and Surgical Trauma. **Ghavidel A.A** (Invited Lecturer) Anesthesia Management in Cardiac Cashexia (The Symposium of Iranian Society of cardiac Anesthesia); Feb 18, 2010. Tehran-Iran
- ✓ Role of Epsilon Aminocaproic acid & Tranexamic Acid, vs Placebo in Reduction of mediastinal Bleeding following Open Heart Surgery
Ghavidel A.A, Yousefnia MA, Jalilifar A, Bakhshandeh H, Gholampour M, Totouchi Z, Farsad F. Updates in cardiac surgery (Kowsar Hospital International Congress) 12-15 April 2010, Shiraz-Iran
- ✓ Continuous Local Infusion of Bupivacain with ON-Q Pump System for Pain Management after Median Sternotomy. **Ghavidel A.A**, Nourizadeh E, Alinejad Z, Toutonchi Z, Adambeig A, Bakhshandeh H., Gholampour M, Tatatabaie MB. 2th Iranian Congress of cardiothoracic-vascular Anesthesia, 12-14 May 2009.
- ✓ Mitral Valve replacement with Sub-valvular apparatus preservation. **Ghavidel A.A**, Tabatabaie MB, Nakhaiezhadeh R, Sadeghpour A, Baharestani B. 16th Congress of Iranian Heart Association in Collaboration with American college of Cardiology 19-21 Nov. 2008

- ✓ Clinical Association of Indexed Effective Orifice Area and Residual Transvalvular pressure Gradient after Aortic Valve Replacement with Carbomedics Mechanical Prosthesis **Ghavidel A.A**, Alinejad Khoram Z, Nakhaiezadeh R, Gholampour M, Sheikhi M, Pourabbasi M, Hosseini S, Tabatabaie MB 2th Razavi Int'l Aortic Symposium 11-12 Dec.2008, Masshad-Iran

- ✓ Does Mitral Valve Replacement with Preservation of Subvalvular Apparatus Increase the Risk of prosthetic valve Dysfunction? **Ghavidel A.A**, Tabatabaie MB, Sadeghpour A, Gholampour M. 6th International Congress of Iranian Society of Cardiac Surgeons in Collaboratin with STS, 27-30 Oct. 2009, Tehran Iran.

- ✓ Correlation between Periodontal Disease & Coronary Heart Disease. Sobouti F, Talebi Ardakani M, Shariati M, **Ghavidel A.A**6th International Congress of Iranian Society of Cardiac Surgeons in Collaboratin with STS, 27-30 Oct. 2009, Tehran Iran

- ✓ Surgical Treatment of Chronic Constrictive Pericarditis, Is It Ever Too Late? **Ghavidel A.A**, Tabatabaie MB, Adambeig A, Givtaj N, Javadpour H. 5th International Congress of The Iranian Society of Cardiac Surgeons in Collaboration with German Society of Cardiac Surgeons, 20-23 Nov. 2007, Tehran-Iran.

- ✓ Off Pump Versus On Pump Coronary Artery Bypass Surgery in Shahid Rajaei Heart Center, Shafiee M, Baharestani B, Nemati B, Hosseini S, **Ghavidel A.A**, Sadeghpour A, 5th International Congress of The Iranian Society of Cardiac Surgeons in Collaboration with German Society of Cardiac Surgeons, 20-23 Nov. 2007, Tehran-Iran.

- ✓ Aortic Arch Replacement for Acute Aortic Arch Dissection. Hadadzadeh M, Hosseini S, Tabatabaie MB, **Ghavidel A.A**. 5th International Congress of The Iranian Society of Cardiac Surgeons in Collaboration with German Society of Cardiac Surgeons, 20-23 Nov. 2007, Tehran-Iran.

- ✓ Quality of life 6-12 month after Coronary Artery Bypass Grafting. Tabatabaie MB, **Ghavidel A.A** Presented at the 14th annual meeting of the Asian Society for Cardiovascular Surgery, June 2006 Osaka Japan.& 15th congress of the Iranian Heart Association, (in collaboration the French Heart Association) November 2006, Tehran-Iran.

- ✓ Mortality & morbidity after aortic root replacement: 10 years experience. **Ghavidel A.A**, Tabatabaie MB, Hosseini S, Raiesi K Presented at the third congress of the Iranian society of cardiovascular surgeons May 2006, Tehran-Iran.

- ✓ Management of small aortic root at the second symposium of Iranian society of cardiovascular surgeons. **Ghavidel A.A** (Invited Lecturer)February 2006, Tehran- Iran.

- ✓ Surgical pathology of surgically excised heart valves.Yaghoubi A, Raiesi K, Hosseini S, **Ghavidel A.A** The fourth congress of the Iranian society of cardiovascular surgeons 16th to 19th November 2005, Tehran- Iran.

- ✓ Complete repair of Tetralogy of Fallot in adults, is it ever too late? **Ghavidel A.A**, Tabatabaie MB Presented at the 14th congress of the Iranian Heart Association, (in collaboration the British Heart Association) 23rd to 26th November 2004, Tehran- Iran & 13th annual meeting of the Asian Society for Cardiovascular Surgery July 2005 Bangkok, Thailand.

- ✓ Total Cavo-pulmonary connection for complex cardiac anomalies with the functional single ventricle. Yaghoubi A, Givtaj N, **Ghavidel A.A**, Gholampour M Presented at the 14th congress of the Iranian Heart Association, (in collaboration the British Heart Association) 23rd to 26th November, 2004, Tehran- Iran.

- ✓ Influence of pregnancy on the durability of bioprosthetic heart valves. Hosseini S, Yaghoubi A, Kashfi F, **Ghavidel A.A** Presented at the 14th congress of the Iranian Heart Association, (in collaboration the British Heart Association) 23rd to 26th November, 2004, Tehran- Iran.

- ✓ The Konno-Rastan procedure for complex left ventricular out-flow tract obstruction & small aortic root. **Ghavidel A.A**, Tabatabaie MB, Hosseini S, Raiesi K Presented at the 12th annual meeting of the Asian Society for Cardiovascular Surgery, 18th to 22nd April 2004, Istanbul- Turkey.

- ✓ Early & late outcomes in patients undergoing aortic root replacement according to the Bentall technique in Rajaei heart centre of Iran. **Ghavidel A.A**, Tabatabaie MB, Khamoushi A, Gholampour M, Hosseini S Presented at the 12th annual meeting of the Asian Society for Cardiovascular Surgery, 18th to 22nd April 2004, Istanbul- Turkey.

- ✓ Influence of Pregnancy on the Durability of Bioprosthetic Valves, Yaghoubi AR., Hosseini S., Kashfi F., Khamoushi AM., Tabatabai MB., Omrani G., **Ghavidel A.A**, Sadeghpour A., Yousefnia MA., Noohi F.; Cardiac Surgery and Cardiology Department, Shaheed Rajaei Cardiovascular, Medical & Research Center, Tehran Iran.;14 th Congress of Iranian Heart Association In Collaboration with British Cardiac Society Nov. 23 - 26 . 2004 .Tehran, Iran

Fields of Interest:

- ❖ Aortic Root & Arch Reconstruction
- ❖ Thoraco-abdominal Aortic Aneurysm
- ❖ Valvular Heart Disease & Arrhythmia Surgery
- ❖ Heart Transplantation & VAD Systems
- ❖ Endovascular Surgery