

## Curriculum Vitae



### **Personal Profile:**

First Name: Alireza

Family Name: Jahangirifard, MD, FACC

Birth Date: Jun,20,1976 – Qazvin, Iran.

Status of Marriage: Married

Email: [Alirezajahangiri@sbmu.ac.i](mailto:Alirezajahangiri@sbmu.ac.i) , [omidjahangiri\\_55@yahoo.com](mailto:omidjahangiri_55@yahoo.com)

Address Department of Cardiac Anesthesia, Massih Daneshvari hospital, Darabad, Niavaran, Tehran, Iran

Telephone: +98 21 27127123

Fax: +98 21 26109644

Cell Phone: + 98 9121820899

### **Education:**

2008-2010: Fellowship of Cardiac Anesthesiology, Shahid Rajaei Hospital, Tehran University of Medical Sciences, Tehran, Iran

2006: Iranian Board of Anesthesiology.

2002-2006: Resident of Anesthesiology, Qazvin University of Medical Sciences, Qazvin, Iran

1998: M.D from Shahid Beheshti University, School of Medicine, Tehran, Iran

1992: Diploma from high school, Qazvin, Iran

**Honors/Qualification:**

1. Book's authorship
  - Pocket manual of CPR
  - Advanced Hemodynamic Monitoring in Cardiac Surgery
  - Cardiac Surgery Essentials for Critical Care Nursing
  - Lifestyle after Organ Transplantation
  - Adult Cardiac Anesthesia and Heart Transplantation Protocol
  
2. Anesthesia for Heart Transplantation
  
3. ECMO Management
  
4. Cardiothoracic Anesthesiology
  
5. Anesthesia for Lung Transplantation
  
6. Anesthesia for VAD implantation
  
7. Trans Esophageal Echocardiography
  
8. Advanced Hemodynamic Monitoring
  
9. Perioperative Bleeding Management

**Administrative Experiences:**

1. Head of Anesthesiology department, Masih Daneshvari Hospital
2. May 2017-2021: President of Iranian Society of Cardiac Anesthesiologists (ISCA)
3. 2016-now: Director of ECMO program, Masih Daneshvari Hospital
4. 2015-now: Research Deputy of Anesthesia ward, Masih Daneshvari hospital, Tehran, Iran
5. Director of Cardiac Anesthesiology Fellowship Program, Shaheed Beheshti University of Medical Sciences, Tehran, Iran
6. 2011-now: Associate Professor of Cardiac Anesthesiology, Shaheed Beheshti University of Medical Sciences, Masih Daneshvari hospital, Department of Anesthesiology, Tehran, Iran

## **Articles:**

### **1. The Effects of Ranitidine and Hydrocortisone on the Complications of Femoral Artery Obstruction Treated by Streptokinase Following Cardiac Catheterization in Pediatric Patients with Congenital Heart Diseases**

Noormohammad Noori,<sup>1</sup> Ghasem Miri Aliabad,<sup>1</sup> Mehdi Mohammadi,<sup>1</sup> Maziar Mahjoubifard,<sup>1, \*</sup> and Alireza Jahangiri Fard<sup>2</sup>

*Iranian Red Crescent Medical Journal. 2013 February; 15(2): 117-21.*

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### **2. Clinical Course of Ventricular Septal Defect in Children Referred to Aliasghar Center of Zahedan during 2001-2011**

Noor Mohammad Noori MD1, Mahnaz Shahraki MD2, Maziar Mahjoubifard MD3\*, Bahareh Bagherzadeh MD4, Yalda Mirmesdagh MD5, Korosh Ghorbannejad MD6, Alireza Jahangiri Fard MD7

*Iranian Journal of Cardiac Surgery. Vol.4 - No.1; May 2012:16-21*

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### **3. Complications of Cardiac Catheterization in Children with Congenital Heart Disease with and without Ranitidine and Hydrocortisone**

Noormohammad Noori MD1, Maziar Mahjoubifard MD2, Alireza Jahangiri Fard MD3

*Iranian Journal of Cardiac Surgery. Vol.5 - No.1; February 2013:7-12*

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### **4. Effect of 10% lidocaine spray on postoperative sore throat**

Mehdy Ebtehaj MD1, Alireza Jahangiri Fard MD2\*\*, Hamid Kayalha MD3, Amir Javadi4, Toktam Karimzadeh MD5

*JQUMS, Vol. 14, NO. 2, summer 2010;36*

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### **5. Patient-controlled analgesia after coronary bypass: Remifentanyl**

#### **or sufentanyl?**

Seyed Mostafa Alavi, Seyed Mohammadmehran Ghoreishi, Mitra Chitsazan, Iman Ghandi, Alireza Jahangiri Fard, Seyed Saeed Hosseini, Maziar Mahjoubifard and Kamal Fani

*Asian Cardiovascular & Thoracic Annals 2014, Vol. 22(6) 694–699*

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### **6. Evaluation of QT-dispersion as compared to Left Ventricular Mass Index in early diagnosis of cardiac dysfunction in major beta thalassemia patients**

Noor Mohammad Noori <sup>1</sup>; Maziar Mahjoubifard <sup>1, \*</sup>; Mehdi Mohammadi <sup>1</sup>; Alireza Jahangiri Fard <sup>2</sup>; Abdolhossein Abassi <sup>3</sup>; Behrooz Farzanegan

*Iran Red Crescent Med J. 2014 May; 16(5): e11698.*

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### **7. Intravenous Patient-Controlled Remifentanil Versus Paracetamol in Post-Operative Pain Management in Patients Undergoing Coronary Artery Bypass Graft Surgery**

Alireza Jahangiri Fard <sup>1</sup>; Touraj Babae <sup>2</sup>; Seyed Mostafa Alavi <sup>2</sup>; Ali Akbar Nasiri <sup>3</sup>; Seyed Mohamad Mehran Ghoreishi <sup>2</sup>; Noor Mohammad Noori <sup>2</sup>; and Maziar Mahjoubifard

*Anesth Pain Med. 2014 December; 4(5): e19862.*

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### **8. Comparative Assessment of the Central Vein Pressure by Two Techniques: Centrally and Peripherally Inserted Central Catheter**

Siamak Yaghoubi,<sup>1</sup> Hamid Kayalha,<sup>1</sup> Ali Mansoori,<sup>1</sup> Sayed Mehran Marashian,<sup>2</sup> and Alireza Jahangirifard<sup>3</sup>

*Arch Crit Care Med. 2015 May; 1(2): e3974.*

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### **9. Intravenous Patient-Controlled Morphine and Intrathecal Morphine Analgesia After Tibial Fracture Surgery Under Spinal Anesthesia**

Hamid Kayalha,<sup>1</sup> Alireza Jahangirifard,<sup>2</sup> Abolghasem Ahmadvand,<sup>1</sup> and Siamak Yaghoubi<sup>1,3, \*</sup>

*Arch Crit Care Med. 2015 May; 1(2): e3879.*

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### **10. Analgesic Effects of Additional Nitroglycerine in Intravenous Regional Lidocaine-Based Anesthesia Through Forearm Surgery**

Maziyar Mahjoubifard,<sup>1</sup> Hasan Enayati,<sup>2</sup> Touraj Babae,<sup>3</sup> Mehdi Heidari,<sup>2</sup> and Alireza Jahangiri Fard<sup>4, \*</sup>

*Arch Crit Care Med. 2015 May; 1(2): e3401*

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### **11. Orally Administration of Propranolol, Lorazepam, and Combination of Propranolol/Lorazepam, and Reducing Anxiety Before Surgery**

Siamak Yaghoobi,<sup>1</sup> Behnam Mahmoodiyeh,<sup>2</sup> Marzieh Beygom Khezri,<sup>3</sup> Seyed Mohammadreza Hashemian,<sup>4</sup> and Alireza Jahangiri Fard<sup>5</sup>, \*

*Arch Crit Care Med. 2015 May; 1(2): e3426.*

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### **12. Frequency of cardiac involvement among patients with Ankylosing Spondylitis**

Ali Panahi, Mehrnaz Mozaffarian\*, Mojdeh Sharifian, Seyed Jafar Razavi Shirazi, Alireza Jahangiri Fard, Hamidreza Jamaati

*International Journal of Epidemiologic Research, 2015; 2(2): 78-81.*

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### **13. Does Airway Pressure Release Ventilation Mode Make Difference in Cardiopulmonary Function of ICU Patients?**

Maziar Mahjoubifard<sup>1</sup>, Alireza Jahangiri Fard<sup>2</sup>, Majid Golestani Eraghi<sup>3</sup>, Shahram Amini<sup>4</sup>, Seyed Mohammadreza Hashemian<sup>5</sup>, Behrooz Farzanegan<sup>5</sup>, Artemis Samourian<sup>6</sup>, Korosh Tirgar Fakheri<sup>1</sup>

*Journal of Cardiothoracic Medicine, 2015; 3(4):375-378*

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### **14. Comparison between Procalcitonin, Brain Natriuretic Peptide, and Uric Acid in Children with Cardiomyopathy and Controls**

NoorMohammadNoori,<sup>1</sup> MaziarMahjoubifard,<sup>1</sup> IrajShahramian,<sup>2</sup> AlirezaTeimouri,<sup>1</sup> andAlirezaJahangirifard<sup>3</sup>

*BioMed Research International, Volume 2015, Article ID 510450,*

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### **15. Management of Alveolar Proteinosis by Bronchopulmonary Lavage under Extra Corporeal Membrane Oxygenation (ECMO)**

Tahereh Parsa<sup>1</sup>, Ardeshtir Tajbakhsh<sup>2</sup>, Zargham Hossein Ahmadi <sup>3</sup>, Behrooz Farzanegan<sup>1</sup>, Alireza Jahangiri- Fard<sup>2</sup>\*

*J Cell Mol Anesth. 2016;1(1):40-2.*

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### **16. Comparison of General Anesthesia with Isoflurane/N<sub>2</sub>O and Propofol/Alfentanil on Optimal Extubation in Mandibular Fractures With Arch Bar**

Soheil Etemadi<sup>1</sup>; Majid Golestani Eraghi<sup>2</sup>; Niloofar Dadashpoor<sup>3</sup>; Seyed Abbas Hoseini Jahromi<sup>4</sup>; Seyed Mohammadreza Hashemian<sup>5</sup>; Maziyar Mahjoubifard<sup>6</sup>; Alireza Jahangirifard\*<sup>2</sup>.

**17. The Analgesic Effect of Morphine and Dexmedetomidine Intravenous Patient-Controlled Analgesia method to Control Pain After Open Cardiac Surgery: A Randomized Control Trial**

ImanGhandi,1 SeyedMostafaAlavi,2, \* TurajBabae,2 BehshidGhadrdoo,2  
HoomanBakhshandeh,2 MohsenZiyaeifard,2 RasoolFerasatkish,2 ZahraFaritous,2  
Maziar Mahjoubifard4 AlirezaJahangiriFard,3 and

*Arch Crit Care Med. 2015.August;1(3):e645*

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**18-Heparin- Induced Thrombocytopenia (HIT): A Case Report of CABG Patient**

Alireza Jahangirifard1, Majid Golestani-Eraghi2\*, Mohammad Ali Saghafi

*J Cell Mol Anesth. 2016;1(4):175-9.*

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**19-Comparison between Infusion Pumps: Fentanyl/Ketamine and Fentanyl/Paracetamol in Pain control Following Tight and Leg Surgeries**

Behnam Mahmoodiyeh1, Mohamad khalili1, Maryam Panahi1, Esmaeel Moshiri1, Sayed Mehran Marashian2, Alireza Jahangiri-Fard3\*

*J Cell Mol Anesth. 2016;1(4):168-74.*

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**20-Effect of N-acetyl cysteine on Liver Function in General Anesthesia with Isoflurane**

Bijan Yazdi1, Alireza Jahangirifard2, Saber Akhtaran3, Mohammad Khalili4 and Behnam Mahmoodiyeh5\*

*Biosci., Biotech. Res. Asia,2016: Vol. 13(3), 1515-21*

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**21-The First Experience of Ex-Vivo Lung Perfusion (EVLV) in Iran: An Effective Method to Increase Suitable Lung for Transplantation**

S. Shafaghi1, K. Najafizadeh1,2, K. Sheikhy1, Z. Ansari Aval1, B. Farzanegan3, Y. Mafhoomi1, Z. Faghieh Abdollahi1, H. Emami4, E. Mortaz5,6, M. Porabdollah1, A. Jahangiri Fard3, M. Nikobayan Safaei1, A. Slama7, C. Aigner7, F. S. Hosseini-Baharanchi8, A. Abbasi Dezfouli1\*

*Int J Org Transplant Med 2016; Vol. 7 (4)*

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## **22-H1N1 Influenza Patient Saved by Extracorporeal Membrane Oxygenation: First Report from Iran**

Alireza Jahanghirifard, MD, Zargham Hossein Ahmadi, MD\*, Majid Golestani Eraghi, MD, Payam Tabarsi, MD, Majid Marjani, MD, Afshin Moniri, MD, Seyed Ali Reza Nadji, MD, Seyed Mohammad Reza Hashemian, MD, Ali Akbar Velayati, MD

*J Teh Univ Heart Ctr 2016;11(3):153-156*

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## **23- Effects of magnesium on clinical outcome of critical care traumatic patients**

Seyed Muhammad Nasir-al-din Tabatabaei<sup>1</sup>, Alireza Jahangirifard<sup>2</sup>, Mehrnegar Safarzaei<sup>1</sup>, Majid Golestani Eraghi<sup>3</sup>, Maziar Mahjoubifard<sup>1</sup>

*J Cell Mol Anesth. 2017;2(1):9-14.*

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## **24-Comparison of General and Spinal Anesthesia on Maternal Hemoglobin Changes After Caesarean Section**

BATOOL TEIMOORI<sup>1</sup>, MARZIE GHASEMI<sup>2</sup>, ALIREZA JAHANGIRIFARD<sup>3</sup>, MAZIAR MAHJOUBIFARD<sup>4\*</sup>, HASSAN ENAYATI<sup>5</sup> and TAHERE OSTADMAHMOODI<sup>6</sup>

*Biomedical & Pharmacology Journal.Vol. 9(3), 977-982 (2016)*

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## **25-Paracetamol Instead of Ketorolac in Post-Video-Assisted Thoracic Surgery Pain Management: A Randomized Trial**

AlirezaJahangiriFard,<sup>1</sup> BehroozFarzanegan,<sup>2</sup> AliKhalili,<sup>3</sup> NejataliEbrahimiAhmadabad,<sup>3</sup> AbolghasemDaneshvarKakhaki,<sup>1</sup> TaherehParsa,<sup>3</sup> MaziyarMahjoubifard,<sup>4</sup> MohammadKhabiri,<sup>5</sup> and MajidGolestaniEraghi<sup>6, \*</sup>

*AnesthPainMed. 2016;6(6): e39175*

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## **26-The Effect of Preemptive Oral Celecoxib on Pain Reduction and Opioid Consumption during Elective Herniorrhaphy**

Maziar Mahjoubifard MD<sup>1</sup>, Hasan Enayati MD<sup>2</sup>, NoorMohammad Noori MD<sup>3</sup>, Mahdy Shaikh MD<sup>4</sup>, and Alireza Jahangiri Fard MD<sup>5</sup>

*Enliven: Journal of Anesthesiology and Critical Care Medicine, 2015 / Volume 3 / Issue 1*

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## **27-Role of Echocardiographic Deformation Indices in Predicting Mild Forms of Rejection in Heart Transplantation Recipients**

FarahNaghashzadeh,<sup>1</sup> NedaBehzadnia,<sup>1, \*</sup> BabakSharif-Kashani,<sup>1</sup> ZarghamHosseinAhmadi,<sup>1</sup> Alireza Jahangirifard,<sup>1</sup> and SamiraChaibakhsh<sup>2</sup>

*Arch Cardiovascular imaging. 2016August;4(3): e43275.*

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### **28-The Frequency of Dysphagia after Intraoperative Transesophageal Echocardiography in Open Cardiac Surgery**

ToorajBabaei,1 AlirezaJahangiriFard,2 BehshidGhadrdooost,1 HoomanBakhshandeh,1 Mohsen Ziyaeifard,1 andSeyedMostafaAlavi1, \*

*Multidiscip Cardio Annal. 2017 January; 8(1):e10804.*

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### **29-Effect of Ketofol instead of Propofol on hemodynamic stabilization for induction of anesthesia in laparatomy**

Hamid Kayalha1, Mohammad Kolahdoozha2, Siamak Yaghoobi1, Marzieh Beygom Khezri1, Seyed Amir Mohajerani3, Alireza Jahangirifard4

*. J Cell Mol Anesth. 2017;2(2):50-4*

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### **30-Effect of Desmopressin on the Amount of Bleeding and Transfusion Requirements in Patients Undergoing Heart Transplant Surgery**

Alireza Jahangirifard1, Mohammad Reza Razavi2, Zargham Hosein Ahmadi3 and Mohammad Forozeshfard4

*Basic & Clinical Pharmacology & Toxicology. 2017 Sep;121(3):175-180.*

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### **31-Asymptomatic Giant Lipoma of the Right Ventricular Outflow Tract: A Case Report**

Fariba Bayat, MD1, Zargham Hossein Ahmadi, MD2\*, Neda Behzadnia, MD2, Atosa Dorudinia, MD2, Alireza Jahangirifard, MD2

*J Teh Univ Heart Ctr 2017;12(3):142-144*

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### **32-Case Report: Ectopic Placement of Central Venous Catheter during insertion through left internal jugular vein.**

Alireza Jahangirifard. MD. Majid Golestani Eraghi, MD

*Journal of Iranian Society of Anesthesiology and Intensive Care-Year 38, No. 96, Volume 2, Number 4 2016*

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### **33-Prophylactic Fibrinogen Decreases Postoperative Bleeding but Not Acute Kidney Injury in Patients Undergoing Heart Transplantation**

Alireza Jahangirifard, MD1, Zargham Hossein Ahmadi, MD2, Yousef Rezaie, MD3, Farah Naghashzadeh, MD2, Babak Sharif-Kashani, MD4, Farin Rashidfarrokhi, MD5, Ali Afshar, MD2, and Reyhaneh Yamini-Sharif, MD1

*Clinical and Applied Thrombosis/Hemostasis 1-7 " The Author(s) 2017*

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### **34-Right Ventricular Perforation with the Body of Swan-Ganz Catheter during Lung Transplantation by ECMO Support: A Case Report**

Alireza Jahangirifard 1, Zargham Hossein Ahmadi 1, Ali Khalili 2, Abolghasem Daneshvar Kakhaki 1, Kambiz Sheikhy 1

*Tanaffos 2017; 16(3): 240-244*

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### **35-Effect of TENS on Postoperative Pain and Pulmonary Function in Patients Undergoing Coronary Artery Bypass Surgery.**

Jahangirifard A<sup>1</sup>, Razavi M<sup>2</sup>, Ahmadi ZH<sup>3</sup>, Forozeshfard M<sup>4</sup>.

*Pain Manag Nurs. 2018 Jan 21. pii: S1524-9042(16)30230-2.*

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### **36-The Effect of Adding Magnesium Sulfate to Epidural Bupivacaine and Morphine on Post-Thoracotomy Pain Management: A Randomized, Double-Blind, Clinical Trial.**

Farzanegan B<sup>1</sup>, Zangi M<sup>1</sup>, Saeedi K<sup>2</sup>, Khalili A<sup>1</sup>, Rajabi M<sup>2</sup>, Jahangirifard A<sup>3</sup>, Emami H<sup>4</sup>, Ali Mahboobipour A<sup>5</sup>, Baniyadi S

***Basic & Clinical Pharmacology & Toxicology, 2018, 123, 602–606***

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### **37-High-Frequency Jet Ventilation in Nonintubated Patients**

Atefeh Abedini<sup>1</sup>, Arda Kiani<sup>2</sup>, Kimia Taghavi<sup>1</sup>, Ali Khalili<sup>3</sup>, Alireza Jahangiri Fard<sup>4</sup>, Lida Fadaizadeh<sup>5</sup>, Alireza Salimi<sup>1</sup>, Tahereh Parsa<sup>6</sup>, Akram Aarabi<sup>4</sup>, Behrooz Farzanegan<sup>2</sup>, Mahsa Pourabdollah Tootkaboni<sup>1</sup>

*Turk Thorac J 2018; 19(3): 127-31.*

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### **38-The Role of Euro-SCORE and STS Prediction Systems in Prognosis of Candidates for Surgical Pulmonary Embolectomy at a Referral Hospital**

Seyed Mohammad Reza Hashemian,<sup>1</sup> Behrooz Farzanegan,<sup>2</sup> \* Alireza Jahangiri-Fard,<sup>3</sup> Hossein Zargham Ahmadi,<sup>3</sup> Seyed Reza Saghebi,<sup>2</sup> MehranMarashian,<sup>1</sup> andBatoulKhoundabi<sup>4</sup>

*,Archivesof CriticalCareMedicine 218. Received2018January03; ccepted2018January23*

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### **39-The Preconditioning Effect of Sevoflurane on Coronary Artery Bypass Surgery Patients**

Abdorasoul Anvaripour<sup>1</sup>, Houshang Shahryari<sup>1</sup>, Sayed Mehran Marashian<sup>2</sup>, Alireza Jahangirifard<sup>3\*</sup>

*J Cell Mol Anesth. 2018;3(2):66-73.*

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#### **40. Comparing the Effect of Oral Clonidine and Tranexamic Acid on Bleeding and Surgical Field Quality during Functional Endoscopic Sinus Surgery**

Jahangir Ghorbani<sup>1</sup>, \*Shima Arastou<sup>2</sup>, Ali Safavi Naeini<sup>3</sup>, Nasim Raad<sup>3</sup>, Mahboobeh Karimi Galougahi<sup>3</sup>, Alireza Jahangirifard<sup>4</sup>, Nader Akbari Dilmaghani<sup>5</sup>

*Iranian Journal of Otorhinolaryngology, Vol.30(5), Serial No.100, Sep 2018*

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#### **41-ECMO-assisted resection of huge thoracic mass**

Alireza Jahangirifard<sup>1</sup>, Zargham Hossein Ahmadi<sup>1</sup>, Abolghasem Daneshvar Kakhaki<sup>2</sup>, Behrooz Farzanegan<sup>2</sup>, Kambiz Sheikhy<sup>1</sup>

*J Cardiovasc Thorac Res, 2018, 10(3), 174-176*

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#### **42-Thiamine Could Decrease Lactate and Creatinine Level After Coronary Artery Bypass Surgery in Patients with Mild Systolic Dysfunction**

Alireza Jahangirifard<sup>1</sup>, Shirin Salajegheh<sup>2</sup>, Sarvenaz Arab<sup>3</sup>, Seyed Bashir Mirtajani<sup>4</sup>, Behrooz Farzanegan<sup>1</sup>

*J Cell Mol Anesth. 2018;3(4):136-42.*

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#### **43-First Experience with Extracorporeal Membrane Oxygenation in Iran, under Difficult Conditions**

Zargham Hossein Ahmadi, MD<sup>1</sup>, Farshid Salehi, MD<sup>2</sup>, Shanay Niusha, MD<sup>2</sup>, Mohammad Reza Raoufy, MD, PhD<sup>3</sup>, Behrooz Farzanegan, MD<sup>4</sup>, Ali Afshar, MD<sup>1</sup>, Yadollah Mafhoomi, BS<sup>4</sup>, Zahra Faghih Abdollahi, BS<sup>4</sup>, Golnar Radmand, MS<sup>5</sup>, Zahra Ansari Aval, MD<sup>6</sup>, Alireza Jahangirifard, MD<sup>2\*</sup>

*J Teh Univ Heart Ctr 2018;13(4):166-172*

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#### **44-Use of Dexmedetomidine and Ketamine for Rapid Opioids Detoxification in General Anesthesia**

Ali Jabbari<sup>1\*</sup>, Ebrahim Alijanpour<sup>2\*</sup>, Vahid Khuri<sup>3</sup> and Alireza Jahangirifard<sup>4</sup>

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*Glob J Add & Rehab Med. 2019; 6(3): 555690.*

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**45-Adaptive Support Ventilation Versus Synchronized Intermittent Mandatory Ventilation for Fast track Extubation after Cardiac Surgery**

Ali Jabbari<sup>1\*</sup>, Ebrahim Alijanpour<sup>2</sup> and Alireza Jahangirifard<sup>3</sup>

**EC Pulmonology and Respiratory Medicine 8.10 (2019) :829-835**

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**46-Effect of L-carnitine on Troponin, IL-6 and HS-CRP levels after Coronary Artery Bypass Graft Surge**

Ali Khalili<sup>1</sup>, Kamal Fani<sup>2</sup>, Mahdyieh Naziri<sup>3</sup>, Mahnoosh Foroughi<sup>4</sup>, Farzaneh Dastan<sup>5</sup>, Ali Dabbagh<sup>2</sup>, Hosein Ali Jelveh Moghadam<sup>2</sup>, Alireza Jahangirifard<sup>6\*</sup>

*J Cell Mol Anesth. 2019;4(2):41-8.*

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**47-A Comparative Study of the Analgesic Effects of Intravenous Ketorolac, Paracetamol, and Morphine in Patients Undergoing Video-assisted Thoracoscopic Surgery: A Double-blind, Active-controlled, Randomized Clinical Trial**

Farzaneh Dastan<sup>1,5</sup>, Zahra M. Langari<sup>2</sup>, Jamshid Salamzadeh<sup>3</sup>, Ali Khalili<sup>4</sup>, Sahar Aqajani<sup>1</sup>, Alireza Jahangirifard<sup>5\*</sup>

*Annals of Cardiac Anaesthesia. Volume 23, Issue 2, April - June. 2020.*

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**48-The Role of Integrative Educational Intervention Package (MonthlyITE, Mentoring, Mocked OSCE) in Improving Successfulness forAnesthesiology Residents in the National Board Exam**

Ali Dabbagh<sup>1, 2, \*</sup>, Hedayatollah Elyassi<sup>3</sup>, A. Sassan Sabouri<sup>1, 4</sup>, Kourosh Vahidshahi<sup>5</sup>, Seyed Amir Mohsen Ziaee<sup>6</sup>and Anesthesiology Department<sup>1</sup>

*Anesth Pain Med. 2020 April; 10(2): e98566*

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#### **49-Comparison of Dexmedetomidine, Lidocaine, and Fentanyl in Attenuation Hemodynamic Response of Laryngoscopy and Intubation in Patients Undergoing Cardiac Surgery**

Maziar Mahjoubifard ,1 Mehdi Heidari,1 Maryam Dahmardeh,1 Seyed Bashir Mirtajani,2  
and Alireza Jahangirifard 3

*Anesthesiology Research and Practice. Volume 2020, Article ID 4814037.*

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#### **50- Iranian Society of Cardiac Surgeons COVID-19 Task Force Version II, Restarting Elective Surgeries**

Alireza Alizadeh Ghavidel1 ID , Mohammadreza Mirzaaghayan2, Mohammad Ali Yousefnia3, Esmail Asdaghpour4, Ramin Baghaei Tehrani5, Naser Jalilifar6, Hasan Radmehr2, Mahmoud Shirzad7, Nicholas Austine8, Hosein Ahmadi7, Zargam Hosein Ahmadi9, Abbas Afrasiabi Rad10, Ahmadali Amirghofran11, Ahmad Amin12, Zahra Ansari Aval5, Kamran Babazadeh13, Alireza Bakhshandeh14, Bahador Baharestani15, Rezayat Parvizi10, Amirnaser Jadbabaei9, Alireza Jahangirifard16, Saeed Hoseini1, Manouchehr Hekmat5, Amaanollah Heidari17, Minoosh Shabani18, Parham Sadeghipour19, Mehrdad Salehi14, Shervin Ziabakhsh Tabari20, Mohammad Abbasi21, Maziar Gholampour Dahaki15, Ata Firouzi19, Mojgan Laali22, Mohammad Hosein Mandegar23, Mohsen Mirmohammadsadeghi24, Mohammadali Navvabi Shirazi25, Akbar Nikpajoo26

*J Cardiovasc Thorac Res. 2020;12(3): 158-164.*

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#### **51-Extracorporeal membrane oxygenation and COVID- 19: The causes of failure**

Zargham Hossein Ahmadi MD1 | Alireza Jahangirifard MD1 | Behrooz Farzanegan MD2 | Payam Tabarsi MD3 | Zahra Abtahian MD4 | Atefeh Abedini MD4 | Mehrzad Sharifi MD1 | Amir Naser Jadbabaei MD1 | Yadollah Mafhumi RN4 | Ali Moslem RN4 | Marjan Sistani RN4 | Sahar Yousefian PharmD4,5 | Ali Saffaei PharmD6 | Farzaneh Dastan PhD4,5

*J Card Surg. 2020;1-6.*

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#### **52-Potential Effect of Coenzyme Q10 (Ubiquinone) on Serum NGAL Biomarker and Kidney Function Following Coronary Artery Bypass Grafting Surgery**

Farzaneh Dastan1,2, Zargham Hossein Ahmadi3, Pegah Pourshaban2, Alireza Serati4, Raha Eskandari1, Golnaz Afzal2, Alireza Jahangirifard1\*

*J Cell Mol Anesth. 2020;5(2):59-66.*

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### **53.Can Hesperidin be the Key to the Treatment of Severe Acute Respiratory Syndrome COV- 2?**

Atefeh Abedini<sup>1</sup>, Seyed Bashir Mirtajani<sup>2</sup>, Mani Karimzadeh<sup>3</sup>, Alireza Jahangirifard<sup>2</sup>, Arda Kiani<sup>4</sup>

*Biomed Biotechnol Res J 2020;4:S108-9.*

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### **54.Extracorporeal Hemoperfusion as a Potential Therapeutic Option for Severe COVID-19 patients; a Narrative Review**

Saeid Safari<sup>1</sup>, Alireza Salimi<sup>2</sup>, Alireza Zali<sup>1</sup>, Alireza Jahangirifard<sup>3</sup>, Ehsan Bastanagh<sup>4</sup>, Reza Aminnejad<sup>2,5</sup>,

Ali Dabbagh<sup>6</sup>, Amir Hossein Lotfi<sup>7</sup>, Mohammad Saeidi<sup>5</sup>

*Arch Acad Emerg Med. 2020; 8(1): e67*

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### **55. Relationship Between “Simulated Patient Scenarios and Role-Playing” Method and OSCE Performance in Senior Anesthesiology Residents: A Correlation Assessment Study**

Ali Dabbagh<sup>1, 2, \*</sup>, Dariush Abtahi<sup>1</sup>, Homayoun Aghamohammadi<sup>1</sup>, Seyyedeh Narjes Ahmadizadeh<sup>1</sup>, Seyed Hossein Ardehali<sup>1</sup> and Anesthesiology Department

*AnesthPainMed. 2020October;10(5):e106640.*

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### **56. Iranian Society of Cardiac Surgeons COVID-19 Task Force Version II, Restarting Elective Surgeries**

Alireza Alizadeh Ghavidel<sup>1</sup> ID , Mohammadreza Mirzaaghayan<sup>2</sup>, Mohammad Ali Yousefnia<sup>3</sup>, Esmail Asdaghpour<sup>4</sup>, Ramin Baghaei Tehrani<sup>5</sup>, Naser Jalilifar<sup>6</sup>, Hasan Radmehr<sup>2</sup>, Mahmoud Shirzad<sup>7</sup>, Nicholas Austine<sup>8</sup>, Hosein Ahmadi<sup>7</sup>, Zargam Hossein Ahmadi<sup>9</sup>, Abbas Afrasiabi Rad<sup>10</sup>, Ahmadali Amirghofran<sup>11</sup>, Ahmad Amin<sup>12</sup>, Zahra Ansari Aval<sup>5</sup>, Kamran Babazadeh<sup>13</sup>, Alireza Bakhshandeh<sup>14</sup>, Bahador Baharestani<sup>15</sup>, Rezayat Parvizi<sup>10</sup>, Amirnaser Jadbabaei<sup>9</sup>, Alireza Jahangirifard<sup>16</sup>, Saeed Hoseini<sup>1</sup>, Manouchehr Hekmat<sup>5</sup>, Amaanollah Heidari<sup>17</sup>, Minoosh Shabani<sup>18</sup>, Parham Sadeghipour<sup>19</sup>, Mehrdad Salehi<sup>14</sup>, Shervin Ziabakhsh Tabari<sup>20</sup>, Mohammad Abbasi<sup>21</sup>, Maziar Gholampour Dahaki<sup>15</sup>, Ata Firouzi<sup>19</sup>, Mojgan Laali<sup>22</sup>, Mohammad Hosein Mandegar<sup>23</sup>, Mohsen Mirmohammadsadeghi<sup>24</sup>, Mohammadali Navvabi Shirazi<sup>25</sup>, Akbar Nikpajoo<sup>26</sup>

*J Cardiovasc Thorac Res, 2020, 12(3), 158-164*

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### **57.COVID 19 Related Severe Heterogeneous Acute Respiratory Distress Syndrome: A Therapeutic Challenge**

Hamidreza Jamaati<sup>1</sup>, Lida Fadaizadeh<sup>2</sup>, Batoul Khoundabi<sup>3</sup>, Seyed Mohammad Reza Hashemian<sup>1</sup>, Fatemeh Monjazabi<sup>4</sup>, Alireza Jahangirifard<sup>1</sup>, Mohammad Taghi Beigmohammadi<sup>5</sup>, Behrooz Farzanegan<sup>6</sup>, Seyedpouzhia Shojaei<sup>7</sup>, Payam Tabarsi<sup>8</sup>, Farzaneh Dastan<sup>1,9</sup>, Seyed Ali Reza Nadji<sup>10</sup>, Mihan Pourabdollah Toutkaboni<sup>11</sup>, Majid Malekmohammad<sup>6</sup>, Abdolreza Mohamadnia<sup>1</sup>, Esmail Mortaz<sup>12</sup>, Maryam Mirenayat<sup>13</sup>, Fatemeh Yassari<sup>14</sup>, Jalal Heshmatnia<sup>14</sup>, Alireza Eslaminejad<sup>1</sup>, Ali Akbar Velayati<sup>1</sup>

*Biomed Biotechnol Res J 2020;4: S75-82.*

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### **58. Seizure Following Removal of Swan Ganz Catheter**

Alireza Jahangirifard<sup>1</sup>, Seyed Bashir Mirtajani<sup>2</sup>, Behrooz Farzanegan<sup>3</sup>,  
Mohammad Sadegh Keshmiri<sup>2</sup>, Zargham Hossein Ahmadi<sup>2\*</sup>

**Journal of Cellular & Molecular Anesthesia (JCMA). Vol 5, No 3, Summer 2020**

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### **59. The Potential Role of Bromelain in the Treatment of SARS-COV-2**

Kurdistan Sharifzadeh<sup>1</sup>, Behrooz Farzanegan<sup>2</sup>, Seyed Bashir Mirtajani<sup>1</sup>, Farzad Peyravian<sup>3</sup>, Alireza Jahangirifard<sup>3\*</sup>

*J Cell Mol Anesth. 2020;5(3):193-6.*

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### **60. The effects of melatonin on the oxidative stress and duration of atrial fi-brillation after coronary artery bypass graft surgery: A Randomized Con-trolled Trial**

Saghar Barati<sup>1</sup>, Alireza Jahangirifard<sup>2</sup>, Zargham Hossein Ahmadi<sup>2</sup>, Maria Tavakoli-Ardakani<sup>3</sup> and Farzaneh Dastan<sup>1</sup>

*Endocrine, Metabolic @Immune Disorders-Drug Target. 2021;21(6):1142-1149*

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### **61. NRITLD Protocol for the Management of Patients with COVID-19 Admitted to Hospitals**

Majid Marjani<sup>1</sup>, Payam Tabarsi<sup>1</sup>, Afshin Moniri<sup>1</sup>, Seyed Mohammadreza Hashemian<sup>1</sup>, Seyed Alireza Nadji<sup>2</sup>, Zahra Abtahian<sup>1</sup>, Majid Malekmohammad<sup>3</sup>, Arda Kiani<sup>3</sup>, Behrooz Farzanegan<sup>3</sup>, Alireza Eslaminejad<sup>3</sup>, Atefeh Fakharian<sup>4</sup>, Jalal Heshmatnia<sup>1</sup>, Atefeh Abedini<sup>4</sup>, Sharareh Seifi<sup>4</sup>, Fatemeh Yassari<sup>4</sup>, Maryam Sadat Mirenayat<sup>4</sup>, Mitra Rezaei<sup>2</sup>, Hakimeh Sheikhzade<sup>1</sup>, Zargham Hossein Ahmadi<sup>5</sup>, Farzaneh Dastan<sup>4</sup>, Mohsen Sadeghi<sup>4</sup>, Somayeh Lookzadeh<sup>4</sup>, Mihan Porabdollah<sup>4</sup>, Elham Askari<sup>4</sup>, Parvaneh Baghaei<sup>1</sup>, Babak Mansourafshar<sup>1</sup>, Alireza Jahangirifard<sup>5</sup>, Maryam Vasheghani<sup>4</sup>, Mojtaba Mokhber Dezfuli<sup>5</sup>, Mohammad Varahram<sup>6</sup>, Hamidreza Jamaati<sup>4</sup>, Davood Mansouri<sup>1,7</sup>, Alireza Zali<sup>8</sup>, Ali Akbar Velayati<sup>1</sup>

**62. Neuroprotective Strategies in the Perioperative Period: A Systematic Review**

Saeid Safari 1,2 , Alireza Zali 1 , Poursya Pezeshgi 3 , Ehsan Bastanhagh 4 , Alireza Jahangirifard 5 , Meisam Akhlaghdoust 1,2\*

*J Cell Mol Anesth. 2021;6(1):50-65.*

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**63. SARS-Cov-2 and COVID-19, Basic and Clinical Aspects of the Human Pandemic: A Review**

Mahdi Zavvar 1,2, Hamid Emadi Kochak 3, Kamal Abdolmohammadi 4, Nesa Rashidi 5,6, Majid Mokhtari 7, Farshid Noorbakhsh 2, Kayahan Azadmanesh 8, Ehsan Shamsi Gooshki 9, Yousef Fatahi 10,11, Talat Mokhtari Azad 12, Alireza Jahangirifard 13, Mohammad Javad Mousavi 14, Elham Masoumi 15,16, Hamid Reza Mirzaei 2, Mohammad Mahdi Gouya 17, Farshid Rezaei 17, \*Mohammad Hossein Nicknam 2,18

*Iran J Public Health, Vol. 50, No.4, Apr 2021, pp.665-675*

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**64. Evaluation of cardiomyopathy diagnosis in heart transplant recipients: comparison of echocardiographic and pathologic classification**

Neda Behzadnia<sup>1</sup>, Babak Sharif-Kashani<sup>2</sup>, Zargham Hossein Ahmadi<sup>1</sup>, Farah Naghashzadeh<sup>1</sup>, Atosa Dorudinia<sup>3</sup>, Alireza Jahangirifard<sup>1</sup>, Hamoun Hamarz<sup>2</sup> and Payam Abbasi<sup>2</sup>

*The Egyptian Heart Journal, (2021) 73:29*

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**65. An Innovative Method for Using the Endotracheal Tube in COVID-19**

Alireza Jahangirifard 1, Mohammad Fegghi 2, Alireza Salimi 1, Shahram Sayadi 2, Seyed Bashir Mirtajani

*Tanaffos 2021; 20(1): 3-4*

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**66. The Role of Hemoperfusion in COVID-19 Infection: A Case Series**

Ali Amirsavadkouhi<sup>1</sup>, Alireza Jahangirifard<sup>2</sup>, Reza Shahrami<sup>3</sup>, Saeid Safari<sup>4</sup>, Faezeh Feizabadi<sup>5</sup>, Zahra Mirshafiei Langari<sup>2</sup>, Alireza Dastan<sup>6</sup>, Seyed Bashir Mirtajani<sup>7</sup>, Shayan Ghaznavi<sup>8</sup>, Farzaneh Dastan<sup>2</sup>

*Archives of Anesthesiology and Critical Care (Summer 2021); 7(3): 189-194*

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**67. Epidemiological Study of Patients with COVID-19 in Iran (Markazi Province)**

Alireza Kamali<sup>1</sup>, Behnam Mahmoodieh<sup>1</sup>, Mohammad Jamalian<sup>2</sup>, Ahmad Amani<sup>3</sup>, Alireza Jahangirifard<sup>4</sup>

*Archives of Anesthesiology and Critical Care (Summer 2021); 7(3): 138-143*

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**68. Perioperative Prescription of Tramadol**

Ali Jabbari<sup>1\*</sup>, Alireza Jahangirifard<sup>2</sup>

*Archives of Anesthesiology and Critical Care (Summer 2021); 7(3): 201-202*

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**69. A Narrative Review on Prevention and Treatment Strategies of Post Spinal Anesthesia Headache**

Ali Jabbari<sup>1,2\*</sup>, Shabnam Tabasi<sup>3</sup>, Nadia Bani Hashem<sup>4</sup>, Alireza Jahangirifard<sup>5</sup>

*Archives of Anesthesiology and Critical Care (Autumn 2021); 7(4): 245-252.*

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**70. Early post-operative acute kidney injury after cardiac transplantation: Incidence and predictive factors**

AlirezaJahangirifard<sup>1</sup> ZarghamHosseiniAhmadi<sup>2</sup> NastaranKhalili<sup>3</sup> FarahNaghashzadeh<sup>4</sup> AliAfshar<sup>5</sup> ArvinAmiri<sup>6</sup> NooshinDalili<sup>6</sup>

*Clinical Transplantation. 2021;e14420.*

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**71. The Effect of Bromelain (Anaheal) on Clinical and Para-Clinical Parameters in Hospitalized COVID-19 Patients**

Alireza Jahangirifard<sup>1</sup>, Ashkan Omid<sup>2</sup>, Kurdistan Sharifzadeh<sup>3</sup>, Seyed Bashir Mirtajani<sup>1</sup>, Farzad Peyravian<sup>4</sup>, Saeid Safari<sup>5</sup>, Maedeh Sadat Jafarzadeh<sup>6</sup>, Seyed Hadi Mirhashemi<sup>7</sup>, Behrooz Farzanegan

*Acta Med Iran 2021;59(12):726-732.*

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## **72. Effects of Morphine and Fentanyl on Patients with COVID-19**

Ali Amirsavadkouhi 1, Reza Shahrami 2, Nadia Mohammad Zadeh 3, Saba Ilkhani 4, Seyed Bashir Mirtajani 5, Vahid Salimi 6, Maziar Mahjoubifard 7, Alireza Jahangirifard 8

*Tanaffos 2021; 20(2): 164-171*

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## **73. Potential Sedative and Therapeutic Value of Dexmedetomidine in Critical COVID-19 Patients**

Saeid Safari1\* , Alireza Jahangirifard2, Alireza Zali1, Alireza Salimi3, Ehsan Bastanhigh4, Reza Aminnejad3,5, Reza Jalili Khoshnood1, Davood Ommi1

*Pharmaceutical Sciences, 2021, 27(Suppl 1), S86-S93*

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## **74. The Cost of Heart Transplant in Iran: A Multicenter Analysis**

Z. H. Ahmadi1, Sh. Shafaghi1\*, M. H. Mandegar2, M. Salehi3, B. Sharif Kashani4, F. Naghashzadeh1, A. Jahangirifard5, A. Bakhshandeh3, A. Afshar1, M. Kazempour6, F. Sheikhan7

*Int J Org Transplant Med 2021; Vol. 12 (3)*

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## **75. Clinical Use of Extracorporeal Membrane Oxygenation for Rescue Therapy in Covid-19 Era**

Ali Jabbari1,2\*, Seyed Said Hoseini3, Alireza Jahangirifard4, Ayesheh Enayati1, Vahid khori1

*Archives of Anesthesiology and Critical Care (Winter 2022); 8(1): 89-90*

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## **76. Cardiac Function in Brain Death, Usage of Advanced Hemodynamic Monitoring**

Alireza Jahangirifard1, Fateme Monjazebi2\*, Alireza Ilbeigi1, Nafiseh Naghdipour1, Zargham Hossein Ahmadi3, Farahnaz Sadegh Beigee3, Sanaz Dehghani4

*Archives of Anesthesiology and Critical Care (Winter 2022); 8(1): 29-35*

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## **77. Which Factors Influence on Mortality in Patients Undergoing Venovenous Extracorporeal Membrane Oxygenation (ECMO)?**

Alireza Jahangirifard<sup>1</sup>, Mandana Hosseinzadeh<sup>2</sup>, Sepideh Nazari<sup>2</sup>, Amir Bahrami Ahmadi<sup>3</sup>, Farhad Gorjipour<sup>4</sup>, Seyed Bashir Mirtajani<sup>5</sup>, Zargham Hossein Ahmadi<sup>6</sup>

*Archives of Anesthesiology and Critical Care (Spring 2022); 8(2): 118-122.*

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**78. The Effect of Using the Surgical Mask on the Status of Cerebral Oxygen Saturation and End-Tidal Carbon Dioxide in Health Care Workers**

Jahangir Ghorbani<sup>1, 2</sup>, Ali Safavi Naini<sup>1, 2</sup>, Alireza Jahangirifard<sup>3</sup>, Nasim Raad<sup>1, 2</sup>, Mahboobeh KarimiGalougahi<sup>1, 2,4</sup>, Alireza Moradi<sup>1</sup>, Seyed Bashir Mirtajani<sup>3</sup>, Seied-Reza Seied-Mohammad Doulabi

*Journal of Otorhinolaryngology and Facial Plastic Surgery. 2022;8(1):1-7.*

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**79. The Effect of Hesperidin on Laboratory Parameters of Patients with COVID 19: A Preliminary Report of a Clinical Trial Study**

Alireza Jahangirifard<sup>1</sup>, Seyed Bashir Mirtajani<sup>1</sup>, Mani Karimzadeh<sup>1</sup>, Masoud Forouzmehr<sup>4</sup>, Arda Kiani<sup>2</sup>, Mahtab Moradi<sup>3</sup>, Sanaz Soleimani<sup>4</sup>, Mohammadhossein Bezadmoghadam<sup>4</sup> and Atefeh Abedini

*J Iran Med Counc. 2022;5(1):89-95.*

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**80. Comparison of Dexmedetomidine and Propofol on Serum Neutrophil Gelatinase- associated Lipocalin Levels of Patients after Thoracotomy**

Behrooz Farzanegan, Seyed Bashir Mirtajani<sup>1</sup>, Mohammadreza Hemmatyar<sup>2</sup>, Kamal Fani<sup>2</sup>, Ali Jabbari<sup>3</sup>, Shahram Sayadi<sup>2</sup>, Alireza Jahangirifard\*<sup>1</sup>

*J Prev Diagn Treat Strategies Med 2023;2:19-23.*

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**81. Evaluation of Elevated Liver Enzymes and their Association with Increased Risk of Perioperative Mortality in Heart Transplant Patients**

Amin Sadrinezhad<sup>1</sup>, Alireza Jahangirifard<sup>2\*</sup>, Ali Pirsalehi<sup>3</sup>, Saeed Abdi<sup>4</sup>, Seyedeh Nazanin Mansouri Gilani<sup>5</sup> and Habib Emami<sup>6</sup>

*Journal of Iranian Medical Council. Volume 6 Number 2 Spring 2023*

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**82. Effect of Desmopressin on Bleeding After Heart Surgeries: A Narrative Review**

*Alireza Jahangirifard 1, Seyed Bashir Mirtajani 1, Firoozeh Madadi*

**Anesth Pain Med. 2023 April; 13(2):e133894.**

**83. Evaluating Preoperative Intravenous Iron and Erythropoietin Treatment and Outcomes in Cardiac Surgery Patients**

Alireza Jahangirifard 1, Azita Chegini 2, \* and Amirhossein Maghari 3, 4

**Anesth Pain Med. 2023 April; 13(2):e130899.**

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**84. The Effect of Bromelain Combined With Montelukast in Hospitalized COVID-19 Patients**

Alireza Jahangirifard 1, Kamal Fani 2, Seyed Bashir Mirtajani 1

**International Journal of Basic Science in Medicine. Volume 8, Issue 1, 2023**

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**85. Extracorporeal Membrane Oxygenation for Low Cardiac Output Condition after Pediatric Heart Transplantation**

Ali Jabbari 1, 2\*, Behrang Nooralishahi 3, Alireza Jahangiri Fard 4

**Archives of Anesthesiology and Critical Care**

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**86. Comparison of Different Ventilation Strategies during Cardiopulmonary Bypass in Smoker Patients Under Cardiac Surgery**

Kamal Fani 1, Mohsen Abbasi 2, Golnar Radmand 1, Alireza Jahangirifard 3\*

**Archives of Anesthesiology and Critical Care (Autumn 2023); 9(4): 329-332**

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**87. 15-lipoxygenase and cyclooxygenase expression profile and their related modulators in COVID-19 infection**

Sara Kianfara, Vahid Salimib, Alireza Jahangirifardc, Seyed Bashir Mirtajanic, Mohammad Amin Vaezid, Jila Yavarianb, e, Talat Mokhtari-Azadb, Masoumeh Tavakoli- Yarakid,\*

**Prostaglandins, Leukotrienes and Essential Fatty Acids, 197(2023), 102587**

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## **88. Effects of N95 Masks on Cerebral Oxygen Saturation and End-Tidal**

### **Carbon Dioxide Partial Pressure in Healthcare Workers**

Jahangir Ghorbani 1, Fatemeh Doraneh-Gard 2, Seyed Bashir Mirtajani 3, Mohammad Shirvani 4, Majid Golestani Eraghi 3, Seied-Reza Seied-Mohammad Doulabi 1, 5 and Alireza Jahangirifard  
Anesth Pain Med. 2023 October; 13(5):e135081.

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## **89. A Narrative Review of Cardiac Output Measurement in Cardiac Surgery**

Alireza Jahangirifard<sup>1</sup>, Seyed Bashir Mirtajani<sup>2</sup>, Ali Jabbari<sup>3</sup>, Leila Saliminejad<sup>2</sup>, Mohammad Ghaheri<sup>4</sup>, Zargham Hossein Ahmadi<sup>2\*</sup>  
Archives of Anesthesiology and Critical Care (Autumn 2023); 9(Supplement 2): 541-548.

## **90. Pregnancy after heart and kidney transplantation:**

### **a case report**

Farnaz Ahmadi,<sup>a</sup> Farah Naghashzadeh,<sup>a</sup> Zargham Hossein Ahmadi,<sup>a</sup> Babak Sharif-Kashani,<sup>b</sup> □ Seyed Mohammad Reza Nejatollahi,<sup>c</sup> Shakiba Khodadad,<sup>d</sup> Seyed Mohsen Mirhossein,<sup>a</sup> Zahra Ansari Aval,<sup>e</sup> Alireza Jahangirifard,<sup>f</sup> Leila Saliminejad,<sup>a</sup> Sourena Sharif-Kashani,<sup>g</sup> Shadi Shafaghi,<sup>a</sup> and Sima Noorali,<sup>a</sup>