

# Seyedeh Esmat Hosseini

Iran University of Medical Sciences,  
School of Nursing and Midwifery, Tehran, Iran

**NY Registered Professional Nurse**  
**License NO: 879924**

Mob: +0989126170065  
[esmat.hosseini\\_110@yahoo.com](mailto:esmat.hosseini_110@yahoo.com)

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## **Educational Background**

- Assistant Professor  
2022  
Iran University of Medical Sciences
- Fellowship course  
2018  
Oncology Nursing, Princes Margaret Cancer Center,  
Toronto, Canada.
- PhD in nursing  
2018-2022  
Department of Nursing and Midwifery, Shahid Beheshti  
University of Medical Sciences, Tehran, Iran.  
Thesis Title: Development and Psychometric Assessment of Sexual  
Quality of Life Instrument among Women with Cancer
- Master of Sciences in  
Intensive Care Nursing  
2014-2016  
Department of Nursing and Midwifery ,Shahid Sadughi  
Yazd University of Medical Sciences, Iran.  
Thesis Title: Effect Deep Breathing Technique on Anxiety, Pain and  
Vital Signs in Patients Undergoing Bone Marrow Aspiration- a  
Randomized Clinical Trial.
- Bachelor of Sciences in  
Nursing  
2005-2007  
Department of Nursing and Midwifery, Kashan University  
of Medical Sciences, Iran.
- Bachelor of Sciences in  
Medical Ethics  
2011-2016  
Department of Traditional Medicine, Tehran University  
of Medical Sciences, Iran.
- Associate Degree in  
Anesthesia Technicians  
2002-2004  
Department of Nursing and Midwifery, Sanandaj  
University of Medical Sciences, Iran.

## **Professional Background**

- 1- Clinical ICU educator
- 2- Responsible for injection of stem cell for covid-19 patients in ICU
- 3- Manager of operating room of Royan institute
- 4- Manager of cancer center of Royan institute
- 5- Royan clinical Center supervisor
- 6- Member of the CAR T-cell therapy in Royan institute
- 7- Set up and supervised cancer and oncology center in Royan institute (2020)
- 8- Reviewer journal of Client Care(2015-now)
- 9- Reviewer in International Congress on strategies to improve the quality of nursing and midwifery service (Mar 2016)
- 10- Chief executive officer in workshop the use of cell therapy in bone and joint diseases (January, 2013)
- 11- Member of Cellular Immunotherapy in Royan Institute as a nurse
- 12- Clinical Electronic file design of Royan Institute
- 13- Development of clinical training booklets for patients and nurses
- 14- Developing standards for chemotherapy hood room
- 15- Responsible for writing nursing stem cell therapy protocols and SOP (standard operating procedure)
- 16- Launch and set up apheresis devices
- 17- Set up operation room and clinics (Orthopedics, skin, diabetes, neurology, heart, kidney, blood and hematology) in cell therapy center of Royan institute
- 18- Engaged in majority of clinical trials as a nurse in cell therapy center of Royan institute
- 19- Writing Standard operating procedures(SOP)for clinical practice in Royan institute

## **Awards**

- 1- Model Student of Medical Sciences University,2022
- 2- The best ICU nurse,2021
- 3- Model Student of Medical Sciences University,2020
- 4- The first rank of calligraphy competitions ,2019
- 5- Best student in MSc degree in Shahid Sadughi Yazd University of Medical Sciences,2016
- 6- The best nurse of the year, 2011
- 7- Commendation certificate of appreciation for the establishment of health and safety standard (OHSAS18001:2007). May, 2015
- 8- Best student in course of Coronary care unit (CCU) in Tehran university of medical science.Nov,2016

## **Publications**

- 1- Intravenous transplantation of bone marrow-derived mesenchymal stromal cells in patients with multiple sclerosis, a phase I/IIa, double blind, randomized controlled study**  
Seyed Massood Nabavi a,1, \*, Shahedeh Karimi a,1, Leila Arab a,1, Nasser Aghdami a, Neda Joghtaei a, Saman Maroufizadeh b, Neda Jarooghi a, Tina Bolurieh a, Fatemeh Abbasi a, Soura Mardpour a, Vajihe Azimyian a, Fatemeh Moeininia a, Leila Sanjari c, **Sevedeh Esmat Hosseini**, Massoud Vosough a,\* ( Multiple Sclerosis and Related Disorders,2023)
  
- 2- Allogenic mesenchymal stromal cells and their extracellular vesicles in COVID-19 induced ARDS: a randomized controlled trial**  
**Sevedeh-Esmat Hosseini**, Morteza Zarrabi, Mohammad Amin Shahrbaaf, Masoumeh Nouri, Faezeh Shekari, Seyed-Mohammad Reza Hashemian, Rasoul Aliannejad, Hamidreza Jamaati, Naghmeh Khavandgar, Hadiyah Alemi, Hoda Madani, Abdoreza Nazari, Azadeh Amini, Seyede Nafiseh Hassani, Fatemeh Abbasi, Neda Jarooghi, Nasrin Fallah, Leila Taghiyar, Meysam Ganjibakhsh, Ensiyeh Hajizadeh-Saffar, Massoud Vosough, Hossein Baharvand (Stem Cell Research & Therapy,2023)
  
- 3- Development and validation of the Domestic Violence during Quarantine Scale (DVQS)**  
Reza Ghanei Gheshlagh, Kamel Abdi, Abbas Ebadi, Borhan Moradveisi, **Sevedeh Esmat Hosseini**, Hosein Zahednezhad (Journal of Public Health,2023)
  
- 4- Mesenchymal Stem Cell Transplantation in Newly Diagnosed Type-1 Diabetes Patients: A Phase I/II Randomized Placebo Controlled Clinical Trial.**  
Mahmoud Izadi, Anavasadat Sadr Hashemi Nejad, Maedeh Moazench, Safdar Masoumi, Ali Rabbani, Farzad Kompani, Amir Abbas Hedayati Asl, Fatemeh Abbasi Kakroodi, Neda Jaroughi, Mohammad Ali Mohseni Meybodi, Aria Setoodeh, Farzaneh Abbasi, **Sevedeh Esmat Hosseini**, Fatemeh Moeini Nia, Reza Salman Yazdi, Roghayeh Navabi, Ensiyeh Hajizadeh-Saffar, Hossein Baharvand (stem cell research & therapy,2022)
  
- 5- Prevalence of Sexual dysfunction in women with cancer: a systematic review and meta-analysis**  
**Sevedeh Esmat Hosseini**, Mahnaz Ilkhani, Camelia Rohani, Alireza Nikbakht Nasrabadi, Raza Ghanei Gheshlagh, Ashraf Moini (2022)
  
- 6- Safety and Efficacy of Allogeneic Adipose Tissue MesenchymalStromal Cells in Amyotrophic Lateral Sclerosis Patients,Single-Center, Prospective, Open-Label, Single-ArmClinical Trial, Long-Term Follow-up**  
Seyed Massood Nabavi, Shahedeh Karimi, Leila Arab, Leila Sanjari, Soura Mardpour, Vajiheh Azimian, Neda Jaroughi, Azadeh Ghaheri, **Sevedeh-EsmatHosseini**, Nasser Aghdami, Massoud Vosough (Cell J. 2021 Dec)
  
- 7- Sexual experience of Iranian women with cancer: A Qualitative Approach**  
**Sevedeh Esmat Hosseini** 1 Mahnaz Ilkhani 2, 3 Camelia Rohani 4 Alireza Nikbakht Nasrabadi, (Middle East Journal of Cancer (MEJC).2021)

**8- Prevalence of Sexual dysfunction in women with cancer: a systematic review and meta-analysis**

Sevedeh Esmat Hosseini 1 Mahnaz Ilkhani 2, 3 Camelia Rohani 4 Alireza Nikbakht Nasrabadi

**9- "Development and Validation of the Domestic Violence during Quarantine Scale (DVQS)"**

Reza Ghanei Gheshlagh, Kamel Abdi, Abbas Ebadi, Borhan Moradveisi, Sevedeh Esmat Hosseini & Hosein Zahednezhad (Journal of Public Health ,2021)

**10- Assessing the resilience and stress of nurses working in the potions covide 19 wards (submitted)**

**11- Comparison of Happiness and Perceived Stress in athletes and non-athletes in Covid-19 Outbreak (in process)**

**12- Mesenchymal stem cells derived from perinatal tissues for treatment of critically ill COVID-19-induced ARDS patients: a case series**

Sevedeh-Esmat Hosseini\*, Seyed-Mohammad Reza Hashemian, Rasoul Aliannejad, Morteza Zarrabi, Masoud Soleimani, Massoud Vosough, Hamed Hossieni, Saeid Heidari Keshel, Zeinab Naderpour, Ensiyeh Hajizadeh-Saffar, Elham Shajareh, Hamidreza Jamaati, Mina Soufi-Zomorrod, Naghmeh Khavandgar, Hadiyah Alemi, Aliasghar Karimi, Neda Pak, Negin Hossieni Rouzbahani, Masoumeh Nouri, Majid Sorouri, Ladan Kashani, Hoda Madani, Nasser Aghdami, Mohammad Vasei & Hossein Baharvand. Stem Cell Research & Therapy volume 12, Article number: 91 (2021)

**13- Adipose-derived mesenchymal stem cells ameliorate lung epithelial injury through mitigating of oxidative stress in mustard lung**

Eisa Tahmasbpour Marzouni, Setareh Panahi Dorcheh, Amir Nejad-Moghaddam, Mostafa Ghanei, Hassan Goodarzi, Sevedeh Esmat Hosseini& Hoda Madani. Regenerative Medicine Vol. 15, No. 7

**14- The efficacy of platelet gel derived from umbilical cord blood on diabetic foot ulcers: A double-blind randomized clinical trial**

S. E. Hosseini\*, B. Molavi. A. Goodarzi, A. alizadeh, A. Yousefzadeh, N. Sodeifi, L. Arab, N. Aghdami (Wound Medicine 28 (2020) 100178)

**15- Safety, Feasibility of Intravenous and Intrathecal Injection of Autologous Bone Marrow Derived Mesenchymal Stromal Cells in Patients with Amyotrophic Lateral Sclerosis: An Open Label Phase I Clinical Trial.**

Nabavi SM#1, Arab L#2, Jarooghi N, Bolurieh T, Abbasi F, Mardpour S, Azimyan V, Moeininia F, Maroufizadeh S, Sanjari L, Hosseini SE, Aghdami N. (Cell J. 2019 Jan;20(4):592-598)

**16- Intra-articular knee implantation of autologous bone marrow-derived mesenchymal stromal cells in rheumatoid arthritis patients with knee involvement: Results of a randomized, triple-blind, placebo-controlled phase 1/2 clinical trial.**

Shadmanfar S, Labibzadeh N, Emadedin M, Jaroughi N, Azimian V, Mardpour S, Kakroodi FA, Bolurieh T, Hosseini SE, Chehrazi M, Niknejadi M, Baharvand H, Gharibdoost F, Aghdami N(Cytotherapy. 2018 Apr;20(4):499-506)

**17- Bone marrow–mesenchymal stromal cell infusion in patients with chronic kidney disease: A safety study with 18 months of follow-up.**

ATIEH MAKHLOUGH, SOROOSH SHEKARCHIAN, REZA MOGHADASALI, BEHZAD EINOLLAHI, MONA DASTGHEIB, GHASEM JANBABAEE, **SEVEDEH ESMAT HOSSEINI**, NASRIN FALAH, FATEME ABBASI, HOSSEIN BAHARVAND & NASSER AGHDAMI (Cytotherapy, 2018;)

**18- A Single-arm Open-label Clinical Trial of Autologous Epidermal Cell Transplantation for Stable Vitiligo: A 30-month Follow-Up.**

Zahra Orouji, Amir Bajouri, Mahshid Ghasemi, Parvaneh Mohammadi, Nasrin Fallah, Atefeh Shahbazi, Mohammad Rezvani, Fatemeh Vaezi, Zahra Khalajasadi, Ahad Alizadeh, Ehsan Taghiabadi, Sara Dashtbozorgi, Raheleh Aghdami, **Sevedeh Esmat Hosseini**, Hossein Bahahrvand, Saeed Shafieyan, Nasser Aghdami

**19- COMPARE CPM-RMI Trial: Intramyocardial Transplantation of Autologous Bone Marrow-derived CD133+ Cells and Mononuclear Cells during Coronary Artery Bypass Grafting in Patients with Recent Myocardial Infarction: A Phase II/III, Multicenter, Placebo-Controlled, Randomized, Double-Blind Clinical Trial.**

Nasser Aghdami, Mohammed Hossein Naseri, Hoda Madani, Hossein Ahmadi, Maryam Moshkanifarahani, Davood Kazemi-Saleh, Hossein Hosseinnejad, Saeed Hosseini, Sepideh Hekmat, Zargham Ahmadi, Majid Dehghani, Alireza Saadat, Souri Mardpour, **Sevedeh-Esmat Hosseini**, Maryam Esmailzadeh, Hakimeh Sadeghian, Gholamreza Bahoush, Ali Bassi, Ahmad Amin, Roghayeh Fazeli, Yaser Sharafi, Leila Arab, Mansour Movahhed, Saeid Davaran, Narges Ramezanzadeh, Azam Kouhkan, Ali Hazaveyi, Mehrnaz Namiri, Fahimeh Kashfi, Ali Akhlaghi, Fattah Sotoodehnejadnematalahi, Ahmad Vosough Taqi Dizaj, Hamid Gourabi, Naema Syedi, Hossein Baharvand (Cell Journal (Yakhteh) Volume 20, Number 2, Summer 2018, Serial Number: 78)

**20- Safety and tolerability of autologous bone marrow mesenchymal stromal cells in ADPKD patients.**

Makhlough A, Shekarchian S, Moghadasali R, Einollahi B, **Hosseini SE**, Jaroughi N, Bolurich T, Baharvand H, Aghdami N. (Stem Cell Res Ther. 2017 May 23;8(1):116. doi: 10.1186/s13287-017-0557-7.)

**21- The Effect of Distraction Method on Bone Marrow Aspiration Pain: A Randomized Clinical Trial.**

**Hosseini SE\***, Moeininia F, Javadi M. (Journal of Biology and Today's World. 2016;5(1):20-4)

**22- Mesenchymal stromal cells implantation in combination with the platelet lysate product is safe for reconstruction of human long bone nonunion.**

Narges Labibzadeh, Mohsen Emadedin, Roghayeh Fazeli, Fatemeh Mohseni, **Sevedeh Esmat Hosseini**, Reza Moghadassali, Soura Mardpour, Vajiheh Azimian, Maede Ghorbani Liastani, Ali Mirazimi Bafghi, Mohamadreza Baghban Eslaminejad, Nasser Aghdami (Cell Journal (Yakhteh), Volume 18, Number 3, Oct-Dec (Autum)2016)

**23- SP017 ONE-YEAR FOLLOW-UP OF A PHASE I CLINICAL TRIAL ON THE USE OF BONE MARROW MESENCHYMAL STROMAL CELLS IN ADPKD PATIENTS.**

Atieh Makhlough Soroosh Shekarchian Reza Moghadasali **Sevedeh Esmat Hosseini** Nasser Aghdami (Nephrology Dialysis Transplantation, Volume 31, Issue suppl\_1, 1 May 2016, Pages i92)

**24- BONE MARROW MESENCHYMAL STROMAL CELLS INFUSION IN CKD PATIENTS: SAFETY AND FEASIBILITY STUDY WITH ONE YEAR FOLLOW UP VISIT.**

Soroosh Shekarchian Atieh Makhlough Reza Moghadasali **Sevedeh Esmat Hosseini** Nasser Aghdami (Nephrology Dialysis Transplantation, Volume 31, Issue suppl\_1, 1 May 2016, Pages i174)

**25- Percutaneous Autologous Bone Marrow-Derived Mesenchymal Stromal Cell Implantation Is Safe for Reconstruction of Human Lower Limb Long Bone Atrophic Nonunion.**

Mohsen Emadedin, M.D.#, Narges Labibzadeh, M.D.#, Roghayeh Fazeli, M.D., Fatemeh Mohseni, M.D.,

**26- Safety and Efficacy of Repeated Bone Marrow Mononuclear Cell Therapy in Patients with Critical Limb Ischemia in a Pilot Randomized Controlled Trial.**

Molavi B, Zafarghandi MR1, Aminizadeh E, Hosseini SE, Mirzayi H2, Arab L2, Baharvand H3, Aghdami N3(Archives of Iranian medicine,2016)

**27- Intraportal Infusion of Bone Marrow Mononuclear or CD133+ Cells in Patients with Decompensated Cirrhosis: A Double-Blind Randomized Controlled Trial.**

Mohamadnejad M1, Vosough M2, Moossavi S1, Nikfam S1, Mardpour S2, Akhlaghpour S3, Ashrafi M1, Azimian V2, Jarughi N2, Hosseini SE, Moeininia F4, Bagheri M1, Sharafkhan M1, Aghdami N2, Malekzadeh R5, Baharvand H6) Journal of Stem Cells Translational Medicine, 2016)

**28- Phase III randomized clinical trial comparing the effects of autologous bone marrow derived MNC and CD133 cells transplantation in MI patients during CABG**

(the journal of stem cell therapy, Volume 15, Issue 4, Supplement, Page S12)

**29- Repeated Intraportal Injection of Mesenchymal Stem Cells in Combination with Pioglitazone in Patients with Compensated Cirrhosis: A Clinical Report of Two Cases.**

Vosough M1, Moossavi S2, Mardpour S1, Akhlaghpour S3, Azimian V1, Jarughi N1, Hosseini SE, Ashrafi M2, Nikfam S2, Aghdami N1, Malekzadeh R2, Mohamadnejad M2, Baharvand H). Archives of Iranian medicine,2016)

**30- Intrathecal injection of CD133-positive enriched bone marrow progenitor cells in children with cerebral palsy: feasibility and safety.**

Zali A1, Arab L2, Ashrafi F1, Mardpour S2, Niknejhadi M3, Hedayati-Asl AA4, Halimi-Asl A5, Ommi D1, Hosseini SE, Baharvand H2, Aghdami N6. (Journal of cytotherapy, 2015 Feb;17(2):232-41)

**31- Long term follows up of intra articular injection of autologous mesenchymal stem cell in patients with knee, ankle or hip osteoarthritis.**

Emadedin M, Ghorbani Liastani M, Fazeli R, Mohseni F, Moghadasali R, Mardpour S, Hosseini SE, Niknejadi M, Moeininia F, Aghahosseini Fanni A, Baghban Eslaminejhad R, Vosough Dizaji A, Labibzadeh N, Mirazimi Bafghi A, Baharvand H, Aghdami N. (journal of Archives of Iranian Medicine 2015 Jun;18(6):336-44.)

**32- Effect Deep Breathing Technique on Anxiety, Pain and Vital Signs in Patients Undergoing Bone Marrow Aspiration- a Randomized Clinical Trial. Journal: Asian Nursing Research.**

M.javadi#, A. alizadeh#, A. Yousefzadeh, S.E. Hosseini\* (submitted in Asian journal)

**Proposals**

- 1) The effects of intra-articular injection of mesenchymal stem cells in patients with knee joint osteoarthritis, triple blind randomized clinical trial. (9021500)
- 2) Long term follows up of intra articular injection of autologous mesenchymal stem cell in patients with knee, ankle or hip osteoarthritis. (910005111)
- 3) Long term follows up of intra articular injection of autologous mesenchymal stem cell in patients with AVN osteoarthritis. (90000423)
- 4) comparing cistauosis potency between Sporadic and Familial Alzheimer's Disease Patients AND matched control using Induced Pluripotent Stem Cells. (95000139)
- 5) Intrathecal injection of CD133-positive enriched bone marrow progenitor cells in patients with ALS: feasibility and safety. (90225008)
- 6) Intrathecal injection of CD133-positive enriched bone marrow progenitor cells in children with cerebral palsy: feasibility and safety. (90210700)

- 7) Mesenchymal stromal cells implantation in combination with the platelet lysate product is safe for reconstruction of human long bone nonunion. (91000155)
- 8) Phase I/II Clinical Trial to Examine the Safety and Efficacy of Transplantation of Mesenchymal Stem Cells in New-onset Type 1 Diabetes Patients. (94000019)
- 9) A phase I clinical trial on the use of allogenic adipose derived stromal cells for improve kidney function in refractory primary nephrotic syndrome (FSGS (91000658)
- 10) Clinical trial (Phase II) on the use of Adipose Derived Mesenchymal Stem Cells(AD- MSC) therapy in chronic renal failure due to autosomal dominant polycystic kidney disease (94000064)
- 11) Evaluation of safety of intradiscal injection of nucleus pulposus derived stromal cells in regeneration of human degenerated lumbar disc in patients with chronic low back pain (94000027)
- 12) Evaluation the safety of bone marrow derived mesenchymal stem cell intraventricular transplantation in patients with ALS (91000011).
- 13) phase II clinical trial Adipose Derived Mesenchymal Stromal Cells injection into the paraurethral tissues for treatment of stress urinary incontinency. (941000141)
- 14) Creating adipose derived mesenchymal stem cells Bank. (91000274)
- 15) Autologous transplantation of chondrocytes in patient with hip joint osteoarthritis. (91000001)
- 16) Effect of nursing education on anxiety in patients undergoing cell therapy. (94000071)
- 17) Clinical trial on the use of Adipose Derived Stem Cell Therapy in Women With Premature Ovarian Failure(94000092)
- 18) The positive effects of platelet-rich plasma injection in patients with osteoarthritis of the knee (in a clinical trial Phase III(91000127)
- 19) Evaluation and comparison the safety of 2 times autologous transplantation of bone marrow derived CD133 stem cells in patients with cerebral palsy with one-time injection. (91000036)
- 20) Evaluating the results of the core decompression of lunate bone and injection of mesenchymal stem cells (MSC) in patients with Kienbock's disease. (91000010)
- 21) Phase I clinical trial on the use of autologous AD-MSCs to wean off immunosuppressant medications after renal transplantation. (91000679)
- 22) Intracoronary autologous transplantation of bone marrow derived mononuclear cells in patients with heart failure: clinical trial (phase III(91000645)
- 23) . Comparison of intracoronary transplantation of bone marrow derived mesenchymal stem cells to adipose derived stromal cell in patients with heart failure: multi center Randomized Double Blind Clinical trial (phase II(91000514)
- 24) ) Inguinal lymph node injection of bone marrow derived mononuclear cells in patients with idiopathic lymphedema: randomized clinical trial phase I/II. (91000515)
- 25) Intracoronary transplantation of bone marrow derived mononuclear cells in pediatric cardiomyopathy, clinical trial phase I/II. (91000212)
- 26) Clinical trial on the use of allogenic adipose mesenchymal stem cell transplantation in lupus nephritis. (95000045)
- 27) Evaluation the safety of bone marrow derived mesenchymal stem cell intrathecal transplantation in patients with ALS. (91000012)
- 28) Effect of Autologous Peripheral Blood Mononuclear Cell Implantation on Healing of Diabetic Foot Ulcers: randomized double blind clinical trial. (91000009)
- 29) Percutaneous Autologous Bone Marrow-Derived Mesenchymal Stromal Cell

- Implantation Is Safe for Reconstruction of Human Lower Limb Long Bone Atrophic Nonunion (90210200)
- 30) Double blind randomized clinical trial: utilization of platelet gel for treatment of pressure ulcers. (9021040)
  - 31) Safety and Efficacy of Repeated Bone Marrow Mononuclear Cell Therapy in Patients with Critical Limb Ischemia in a Pilot Randomized Controlled Trial. (90000305)
  - 32) Evaluation of autologous Mesenchymal stem cell transplantation (effects and side effects) in Multiple sclerosis patients: A randomized clinical trial study. (90210900)
  - 33) Long term follows up of intra articular injection of autologous mesenchymal stem cell in patients with knee osteoarthritis. (90210800)
  - 34) Long term follows up of intra articular injection of autologous mesenchymal stem cell in patients with hip osteoarthritis. (90211000)
  - 35) Intraportal Infusion of Bone Marrow Mononuclear or CD133+ Cells in Patients with Decompensated Cirrhosis: A Double-Blind Randomized Controlled Trial. (90000289)
  - 36) Repeated Intraportal Injection of Mesenchymal Stem Cells in Combination with Pioglitazone in Patients with Compensated Cirrhosis: A Clinical Report of Two Cases. (90220100)



## **Lectures**

1-The Effect of Distraction Method on Bone Marrow Aspiration Pain- a Randomized Clinical Trial (university of Georgia, 2018)

2-Effect Nursing Education on Anxiety, Pain and Vital Signs in Patients Undergoing Bone Marrow Aspiration- a Randomized (university of Georgia, 2018)

3-Effect nursing education on anxiety and pain in patients undergoing fistula and perm Cath: A Randomized Clinical Trial. (Prague, the latter is to be delivered in August 2017)

4-Effect of Deep Breathing Technique on Anxiety, Pain and Vital Signs in Patients Undergoing Bone Marrow Aspiration- a Randomized Clinical Trial. (Los Vegas, USA, Sep 2016)

5-Effect nursing care on bone marrow aspiration pain. (Malaysia Kula Lumpur. December, 2015)

9- Phase III randomized clinical trial comparing the effects of autologous bone marrow derived MNC and CD133 cells transplantation in AMI patients during CABG (Dubai, 2015)

10- Cell Therapy in skin diseases and the impact of PRP in the treatment of diabetic foot ulcers. (Iran University of medical Sciences. 2014)

11- Intracoronary Transplantation of Autologous Bone Marrow-Derived Mononuclear Cells for Cardiomyopathy Patients (3rd International Preventive Cardiology Congress. 2014)

- 12- Subfacial Injection of Bone Marrow Derived Mononuclear Cells in Patients with idiopathic lymphedema: Clinical Trial Phase I(3rd International Preventive Cardiology Congress.2014)
- 13- Intracoronary Transplantation of Autologous Bone Marrow-Derived Mononuclear Cells for Idiopathic Dilated Cardiomyopathy in Pediatric: A Phase I/II, Randomized, Single Blind Clinical Trial (3rd International Preventive Cardiology Congress.2014)
- 14- Nursing care in diseases of the joints and bones. (Royan. January, 2013)

### **Posters**

- 1-One year follow up a phase I clinical trial on the use of bone marrow mesenchymal stromal cells in CKD patients. (Austria, May 2016)
- 2-One year follow up a phase I clinical trial on the use of bone marrow mesenchymal stromal cells in PKD patients. (Austria, May 2016)
- 3-Utilization of platelet gel for treatment of Diabetic foot ulcers (10<sup>th</sup> Royan International Congress on Stem Cell Biology & Technology September 2014)
- 4- Effect Distraction Method on Pain and Vital Signs in Patients Undergoing Bone Marrow Aspiration –a Randomized Clinical Trial (2<sup>nd</sup> International Conference on Psychology , Educational Science and Life Style, Ferdowsi University , Fed 2016)

### **Books**

- 1- Calculation and pharmaceutical of protocols (2019)
- 2- Advanced English Grammar for PhD Students (2019)

- 3- Training statistics and research methods(preparing)
- 4- sexual life in cancer patient (preparing)
- 5- Standards for Chemotherapy(preparing)

### **Experiences**

Advanced research methodology, Development and Psychometric of Instrument, MAXQDA, Systematic review, Qualitative research methods, Mix method

Computer skills: ICDL skills, End note, Spss

### **Workshops**

- 1- Instrumentation Workshop, Iran, Jun 2019
- 2- MAXQDA, Iran, May 2019
- 3- Meta-analysis, Iran, April 2019
- 4- Systematic review, Iran, September 2019
- 5- Chemotherapy, Iran, Jun 2019
- 6- Medical documentation products Royan. February, 2015
- 7- Elsevier Editors Workshop on “How to Advance Your Journal’s Quality” October,2014 in Tehran /Iran
- 8- Workshop “Good Clinical Practices (GCP)” by Tech Pharmed Company and Neometrix Consulting Inc Sep, 2014
- 9- Educational course about Coronary care unit (CCU) and To get the highest score in this course
- 10- The use of cell therapy in bone and joint diseases. Royan. January, 2013
- 11- Training of Spectra Optima Therapeutic Plasma Exchange & MNC Collection August, 2013 Iran/ Tehran
- 12- Cell Therapy in Dermatology and Beauty. Royan. November, 2010
- 13- Sexual Health. Royan. October, 2010
- 14- ICDL,2011
- 15- Traditional and complementary medicine / Bloodletting & leech Research Center of Iran

## **Teaching Records**

practical course instructor in hospital and university:

1. Critical Care Nursing
2. Emergency Nursing
3. Fundamental Nursing
4. Medical Surgical Nursing
5. Oncology Nursing
6. Proposal writing
7. Essay Writing
8. SPSS
9. World
10. End Not

## **Job History**

2002-2006	Work as anesthesia technician in operation room in hospitals: Firoozgar, Apadana, Gandhi, Bazarganan. Tehran/ Iran
2006-2007	work in Bloodletting & leech Research Center of Iran
2007-2009	Work in Coronary care unit (CCU) as a nurse. Ghiyasi hospital. Tehran/ Iran
2009-now	Work at Regenerative Medicine Cell Therapy Center of Royan Institute as: Supervisor of cell therapy center Head of operation room Collaboration in research project as a nurse Work in clean room of cord blood and Isolation of cells from cord blood Work in adult clean room and Isolation and culture mesenchymal stem cell (MSCs) Manager of cancer center Work in intensive care unit (ICU) during outbreak of Covid-19 Clinical educator

## **Congress Attending**

- 1- 15th Royan International Congress On Stem Cell Biology & Technology. September 2019
- 2- 14<sup>th</sup> Royan International Congress On Stem Cell Biology & Technology. September 2018
- 3- 13th Royan International Congress On Stem Cell Biology & Technology. September 2017
- 4- Hematology and oncology nursing care/Tehran. November, 2016
- 5- 12<sup>th</sup> Royan International Congress On Stem Cell Biology & Technology. September 2016
- 6- Attending the 8<sup>TH</sup> East Cardiovascular Congress, Liv Hospital. Istanbul, June 2014
- 7- 5<sup>th</sup> Royan International Congress On Stem Cell Biology & Technology. September 2009
- 8- 6<sup>th</sup> Royan International Congress On Stem Cell Biology & Technology. September 2010
- 9- 12<sup>th</sup> Royan International Congress On Reproductive Biomedicine .2011
- 10- 8<sup>th</sup> Royan International Congress On Stem Cell Biology & Technology. September 2012
- 11- 14<sup>th</sup> Royan International Congress On Stem Cell Biology & Technology. September 2013
- 12- Royan International Twin Congress on Reproductive Biomedicine and Stem Cells Biology & Technology .2014
- 13- First International Conference on Burns. Tehran. March, 2012
- 14- Second Congress of Iranian Society of Cardiac Nurses. Tehran. March, 2014
- 15- International Congress of Heart Failure. Tehran. May, 2014
- 16- The second seminar burns. Tehran. March, 2013
- 17- The use of cell therapy in bone and joint diseases. Royan. January, 2013
- 18- Medical Ethics and reproductive rights. Royan. December, 2012
- 19- Professional ethics in nursing. Tehran. June, 2014
- 20- Recording and reporting in nursing / Tehran. August, 2014
- 21- The sixth congress of Medical Professional ethics and reproductive rights. Royan. August, 2013
- 22- Cell therapy in diseases of the kidney and urinary tract. Royan. August, 2013
- 23- Cord blood stem cells. Royan. March, 2013
- 24- Futurists Technology. Royan. December, 2014
- 25- The second Iranian cardiovascular joint congress Feb. 2014
- 26- Fourth International Seminar of burns. Tehran. March, 2015
- 27- Organ transplants. Tehran. November, 2014
- 28- Hematology and oncology nursing care. Tehran. September, 2014

