

Curriculum Vitae

Personal Information

Name: Mozhgan

Surname: Hashemieh

Date of Birth: 1964

Nationality: Iranian

Gender: Female

Specialty: Pediatric hematology and oncology (board certified)

Academic degree: Associate professor of pediatric hematology and oncology

Affiliation: Shahid Beheshti University of Medical Sciences

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Education:

- ▶ 1994-1997: Pediatric Hematology & Oncology Subspecialty, Shahid Beheshti University of Medical Science, IRAN

► 1989-1992: Pediatric specialty, Shahid Beheshti University of Medical Science, IRAN

► 1983-1989: Medical Doctor (MD), Shahid Beheshti University of Medical Science, IRAN

List of research activities(proposals):

1-Assessment of quality of life in β thalassemia major patients in Arak city under treatment of transfusion and iron chelator drugs

2- Effectiveness of Deferiprone in reducing serum ferritin levels in thalassemia major patients in Arak

3 - Assessment of pulmonary function tests in patients with major thalassemia after bone marrow transplantation

4- Evaluation of kidney hemosiderosis in thalassemia major patients in Tehran by MRI T2 *

5- Evaluation of the relationship between serum ferritin, biochemical tests and viral markers with liver MRI T2* in thalassemia major patients

6-Study of correlation between Xmn1 G γ polymorphism in intermedia thalassemic patients with homozygous IVSII- 1 mutation and treatment response to hydroxyurea

7-The comparison of pancreatic iron overload in diabetic and non-diabetic thalassaemic patients of Zafar adult thalassemia clinic using MRI T2*

8-The correlation between kidney hemosiderosis and markers of tubulopathy in thalassemia major patients by MRI T2*

9-Comparison of coagulation Profile between intermediate thalassemic patients and healthy controls

10-The correlation between liver, heart and pancreas hemosiderosis in β – thalassemia major patients by means of MRI T2*

11-Effect of Entonox for sedation in painful procedures in pediatric oncology unit

12-The effect of education on the level of knowledge of first-year assistants in the hemovigilance system

13-Assessment of bone mass density status in thalassemia patients of Zafar Adult Thalassemia Clinic

Publications

English Articles:

1 - Ghavamzadeh A, Keyhanian S, Iravani M, Behar B, Jahani M, Arshi M, Hashemieh M, Mousavi A, Shafiee S. Liver disease during the first post-transplant year in 113 beta-thalassemic patients at a bone marrow transplantation center: The

Shariati experience. In BONE MARROW TRANSPLANTATION 2002.Vol. 29, pp. S139-S139.

- 2- Hashemieh M, Taslimi Taleghani N, Sheibani K. Difficulties in diagnosis of hemophagocytic lymphohistocytosis: over diagnosis or underdiagnoses. A case report. Iranian journal of blood &cancer 2009; 5: 39-43
- 3- Solhi H, Hashemieh M, Nejad ML, Vishteh HR, Nejad MR. Diagnostic value of fingerprint patterns: an explorative study on beta-thalassemia diagnosis. Bangladesh Med Res Counc Bull. 2010 Apr;36(1):27-31.
- 4- Shirvani F, Radfar M, Hashemieh M, Soltanzadeh MH, Khaledi H, Mogadam MA. Effect of timing of umbilical cord clamp on newborns' iron status and its relation to delivery type. Arch Iran Med. 2010 Sep;13(5):420-5.
- 5- Arab M, Tehranian A, Ghara Mohammadi A, Hashemieh M . Review of gray-scale ultrasonographic findings: a valuable guide to suspect adnexal torsion. Pakistan Journal of Medical Science, Apr - Jun 2010;26(2):300-3.
- 6- Hashemieh M, Javadzadeh M, Shirkavand A, Sheibani K. Lipid profiles in minor thalassaemic patients,a historical cohort study Bangeladesh Medical Research Council Bulletin, volume 37,No.1,2011

- 7- Hashemieh M, Mansoori B, Tavakoli R, Sheibani K. A case of concurrent proteus syndrome and hemophilia A. Iran J Pediatr. 2012 Jun;22(2):255-9.
- 8-Hashemieh M, Akhlaghpour S, Azarkeivan A, Azizahari A, Shirkavand A, Sheibani K. Partial radiofrequency ablation of the spleen in thalassemia. Diagn Interv Radiol. 2012 Jul-Aug;18(4):397-402.
- 9- Hashemieh M, Azarkeivan A, Akhlaghpour S, Shirkavand A, Sheibani K. T2-star (T2*) magnetic resonance imaging for assessment of kidney iron overload in thalassemic patients. Arch Iran Med. 2012 Feb;15(2):91-4.
- 10- Javadzadeh M, Sheibani K, Hashemieh M, Sandifer H. Iranian Journal of Pediatrics, Intranasal Midazolam Compared with Intravenous Diazepam in Patients Suffering from Acute Seizure: A Randomized Clinical Trial. Volume 22(Number 1), March 2012, Pages: 1-8
- 11- Azarkeivan A, Hashemieh M, Akhlaghpour S, Shirkavand A, Yaseri M, Sheibani K. Relation between serum ferritin and liver and heart MRI T2* in beta thalassaemia major patients. East Mediterr Health J. 2013 Aug;19(8):727-32.
- 12- Hashemieh M, Azarkeivan A, Radfar M, Saneifard H, Hosseini-Zijoud SM, Noghabaei G, Yaseri M. Prevalence of Osteoporosis among

Thalassemia Patients from Zafar Adult Thalassemia Clinic, Iran. Iranian Journal of blood and cancer,2014,3:143-148

13- Hashemieh M, Tabrizi Namini M, Neamatzadeh H, Hadipour Dehshal M. The Iran Thalassemia Prevention Program: Success or Failure? Iranian Journal of Pediatric Hematology Oncology 2015, Vol5.No3:161-163

14- Azarkeivan A, Hashemieh M, Shirkavand A, Sheibani K. Correlation between Heart, Liver and Pancreas Hemosiderosis Measured by MRI T2* among Thalassemia Major Patients from Iran. Archives of Iranian Medicine, Volume 19, Number 2, February 2016:96-100

15- Radfar M, Hashemieh M, Shirvani F, Madani R. Transcutaneous Bilirubinometry in Preterm and Term Newborn Infants before and during Phototherapy. Arch Iran Med. 2016 May;19(5):323-8

16- Hashemieh M, Azarkeivan A, Sheibani K. A Comparison of Hemostatic Changes in Splenectomized and Nonsplenectomized β -Thalassemia Intermedia Patients. J Pediatr Hematol Oncol. 2016 Nov;38(8):636-641.

17-Hashemieh M, Radfar M, Azarkeivan A, Noghabaei G, Sheibani K.T2* Magnetic Resonance Imaging Study of Pancreatic Iron Overload and its Relation With the Diabetic State in Thalassemic Patients. J Pediatr Hematol Oncol. 2017 Jul;39(5):337-340.

18-Hashemieh M, Memari E, Taheri M. Entonox Efficacy for Procedural-Sedation and Analgesia in Pediatrics Undergoing Bone Marrow Aspiration: A Randomized Clinical Trial. Iran Red Crescent Med J. 2018 February; 20(2): e15176.

19-Hashemieh M. A Case of Childhood Undifferentiated Embryonal Sarcoma of Liver Mimicking Hydatid Cyst. Iran J Ped Hematol Oncol. 2018, Vol 8. No 3, 247-251

20-Hashemieh M. Assessment of Organ Specific Iron Overload in Transfusion Dependent Thalassemia by Magnetic Resonance Imaging Techniques. IJBC 2019; 11(2): 39-46

21-Hashemieh M, Radfar M, Azarkeivan A, Hosseini Tabatabaei SMT, Nikbakht S, Yaseri M, Sheibani K. Renal Hemosiderosis among Iranian Transfusion Dependent β -Thalassemia Major Patients. Int J Hematol Oncol Stem Cell Res. 2017 Apr 1;11(2):133-138.

22-Shirkavand A, Mokhtari Hesari P, Akhlaghpour S, Azarkeivan A, Hashemieh M. Renal Iron Load Estimation in Thalassemia Patients Using T2* Magnetic Resonance Imaging. International Journal of Medical Research & Health Sciences, 2019, 8(4): 182-189

23-Hashemieh M, Nassiri N. Retinopathy of Prematurity: A Brief Review

of Literature. Journal of Ophthalmic and Optometric Sciences. 2017;1(4):29-35.

24-Radfar M, Hashemieh M, Fallahi M, Masihi R. Utilization of SNAP II and SNAPPE II Scores for Predicting the Mortality Rate Among a Cohort of Iranian Newborns. Arch Iran Med. 2018 Apr 1;21(4):153-157.

25- Hashemieh M, Azarkeivan A, Najmabadi H, Sheibani K. The Effect of Xmn1 Gene Polymorphism on Blood Transfusion Dependency and Hemoglobin Concentration among Iranian Thalassemia Patients with IVSII-1 Mutation. Iran J Ped Hematol Oncol. 2019, Vol 9. No 3, 184-192

26-Hashemieh M. Sickle Hemoglobin-Related Nephropathy: An Overview on Pathophysiology, Diagnosis, and Treatment. Journal of Pediatric Nephrology. 2019 Oct 1;7(4).

27-Hashemieh M, Nassiri N, Tabatabaee S. Sickle Cell Retinopathy: A Review. Journal of Ophthalmic and Optometric Sciences. 2018 Jan 1;2(1):34-9.

28-Nassiri N, Hashemieh M. Ocular Toxicity of Iron Chelator Drugs among Thalassemia Patients; a Review. Journal of Ophthalmic and Optometric Sciences. 2017 Sep 25;1(5):31-6.

29-Hashemieh M. Assessment of Pancreatic Iron Overload in Transfusion Dependent Thalassemic Patients. Iranian Journal of Pediatric Hematology & Oncology. 2019, Vol 9. No 4, 264-270

30-Hashemieh M. Early Detection of Renal Dysfunction in β Thalassemia with Focus on Novel Biomarkers. Iranian Journal of Pediatric Hematology & Oncology. 2020, Vol 10. No 1, 57-68.

31-Hashemieh M. A Review of Antineoplastic Agents Associated Nephrotoxicity, an Understood Complication. Journal of Pediatric Nephrology. 2020 May 19;8(1):1-8

32- Torkashvand M, Goudarzipour K, Allahbakhshian Farsani M, Amiri V, Mohammadi MH, Hashemieh M, Eshghi P. Quantitative evaluation of Cerebrospinal fluid (CSF) samples in pediatric patients with low-risk ALL using multiparameter flow cytometry. Int J Lab Hematol. 2020 Aug;42(4): e152-e154.

33-Hashemieh M, Shirvani F. Epstein Barr Virus-associated Pediatric Neoplasms. Archives of Pediatric Infectious Diseases.; 2020 July; 8(3): e104525.

- 34-Hashemieh M. Comparative Evaluation of Glomerular and Tubular Function Abnormalities in Patients with Different Forms of β -Thalassemia, an Emerging Concern. *Journal of Pediatric Nephrology*. 2019 :7(3):1-7
- 35-Abdolkarimi B, Alghasi A, Moeini M, Hashemieh M, Forutani S. Successful Management of Neuroblastoma with Leptomeningeal Metastasis: An Interesting Case. *Middle East Journal of Cancer*. 2020 Apr 1;11(2):230-6.
- 36- Hashemieh M, Sheibani K. Thalassemia Associated Pulmonary Hypertension. *Iranian Journal of Pediatric Hematology & Oncology*. accepted for publication
- 37- Shirvani F, Hashemieh M, Sanaie Dashti A. Should every one wearing face mask? An important question. *Acta Medica Iranica*.2020, 58(4):192-193.
- 38- Hashemieh M. Thromboembolic Events in Severe Thalassemia Syndromes. *Iranian Journal of Blood & Cancer*. 2020; 12(2): 41-46.
- 39- Hashemieh M. Blood Safety in SARS-COV-2 Infection. *Archives of Pediatric Infectious Diseases*. 2020 July; 8(3): e104525.
- 40- Hashemieh M. Hematologic Parameters of COVID – 19: A Review on

Alteration of Hematologic Laboratory Findings. *Int J Pediatr*

2020;8(9):11921-929.

41- Hashemieh, M., Shirvani, F. Coronavirus disease 2019 in patients with thalassemia; Emerging Challenges. *International Journal of Pediatrics*, 2020; (): -. doi: 10.22038/ijp.2020.53675.4254

42- Hashemieh, M., Tabatabaee, S., Radfar, M., Fahim, P. COVID-19 Associated Thrombocytopenia in Children: An Emerging Issue. *International Journal of Pediatrics*, 2020; (): -. doi: 10.22038/ijp.2020.52364.4162

43-Hashemieh, M. COVID -19 in Children with Cancer: A Review. *International Journal of Pediatrics*, 2020; (): -. doi: 10.22038/ijp.2020.51016.4052

44-Hashemieh, M. Preventive Strategies for Cancer Patients during COVID-19 Pandemic: A Systematic Review. *International Journal of Pediatrics*, 2020; (): -. doi: 10.22038/ijp.2020.51220.4069

45- Hashemieh M, Yadgari M. Ophthalmic Manifestations of Acute Leukemia: A Review. *J Ophthalmol Opto Sci*. [Internet]. 2019Jan.5 [cited 2020Dec.4];3(1).

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Persian articles

- 1- Hashemieh M. TAR Syndrome: A Case Report. *ARAK MEDICAL UNIVERSITY JOURNAL*. 1997; 1(1): 34-36

- 2- Hashemieh M.A 10 Year Study of Hohgkin Disease in Mofid Children Hospital. ARAK MEDICAL UNIVERSITY JOURNAL . 1997, 1(4) :40-45
- 3- Hashemieh M. The Incidence of Hearing Loss Among Thalassemic Patients in Arak City. ARAK MEDICAL UNIVERSITY JOURNAL .1999;2(7):38-42
- 4- Hashemieh M. The Incidence of Hepatitis C Infection Among Hemophilic and Thalassemic Patients in Markazi Province. ARAK MEDICAL UNIVERSITY JOURNAL. 1999;2(8):36-40
- 5- Hashemieh M. The Study of Glucose-6-Phosphate Dehydrogenase Deficiency Among Icteric Hospitalized Neonates in Amir- Kabir and Taleghani Hospitals in Arak City in 1998-1999. ARAK MEDICAL UNIVERSITY JOURNAL .2000;3(1):33-38
- 6- Bilan N, Hashemieh M. The Study of Validity of Physical Examination (Conjunctival Pallor, Nail Bed Pallor and Palmar Pallor) for Estimation of Severity of Anemia in Hospitalized Pediatric Patients in Amir-Kabir Hospital of Arak City from June 1999 to June 2000; ARAK MEDICAL UNIVERSITY JOURNAL. 2000;3(1):1-5
- 7- Hashemieh M, Fatahi Bayat GH. Evaluation of Neonatal Sepsis in Neonatal Wards of Amir-Kabir and Taleghani Hospitals of Arak City in 1999. ARAK MEDICAL UNIVERSITY JOURNAL .2001;4(1):37-42

- 8- Hashemieh M, Khosravi Sh. Determining the Efficacy of Deferiprone (L₁) on Decreasing Ferritin Levels of Thalassemia Patients in Arak. ARAK MEDICAL UNIVERSITY JOURNAL .2008;11(1):109-116
- 9- Hashemieh M. Epidemiology, Transmission Methods, Clinical Manifestations, Radiological Symptoms, Prognosis and Treatment of Covid 19 in Children (Persian). Journal of Arak University of Medical Sciences. Forthcoming 2020. Doi: <http://dx.doi.org/10.32598/jams.23.COV.5936.2>
- 10- Hashemieh M. Osteoporosis in Transfusion Dependent Thalassemia. Journal of Arak University of Medical Sciences. 2019; 22(5):2-5.
- 11- Hashemieh M. Iron Chelator Drugs in Transfusion Dependent Thalassemia: A Review. Armaghane-danesh. 2020;25(4);529-543

Honors:

- 1- Top researcher of Imam Hossein Hospital in 2011 (shahid beheshti university of medical science)
- 2- selective faculty member of shahid beheshti university of medical science in 2008
- 3- selective faculty member of Markazi University of Medical Sciences in 2003
- 4- selective faculty member of Markazi University of Medical Sciences in 2000

