



Neda Ashayeri

Pediatric Hematologist & Oncologist

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Birth Date & place: 12
Nov 1981 Tehran, Iran

I am a **pediatric hematologist-oncologist** (Board Certified) with over five years of experience as a faculty member in an academic children's hospital, where I have had the opportunity to care for a diverse patient population and manage a wide range of medical conditions. These include **hematologic disorders** (various types of anemia, thalassemia, coagulation disorders, factor deficiencies, etc.) and **oncologic diseases** (hematologic malignancies and solid tumors such as Wilms tumor, neuroblastoma, rhabdomyosarcoma, osteosarcoma, etc.).

I am also experienced in performing **IV and intrathecal (IT) chemotherapy**, as well as **bone marrow aspiration and biopsy**, and I am certified in **BLS, ACLS, and PALS**.

Over the course of my career, I have developed a strong interest in **palliative care**, successfully completed a **Pediatric Palliative Medicine Fellowship**, and established the **Pediatric Palliative Care Unit** in our hospital.

In addition, I have **19 years of research experience**, have presented my work at various congresses, and have published **32 articles** in international and regional journals.

Among my other academic activities, I have achieved the rank of **Assistant Professor (Associate Candidate)**, serve as the **Head of the Pediatric Palliative Care Unit**, and am an active member of the **International Society of Paediatric Oncology (SIOP)**, the **Children's Hospital Research Council**, and the **International Society on Thrombosis and Haemostasis (ISTH)**.

Furthermore, I have completed **Master's courses in Hemato-Oncology and Neuro-Oncology** at the Princess Máxima Center for Pediatric Oncology in Utrecht, the Netherlands.

Academic degree & Education

- Doctor of Medicine, Iran University of Medical Sciences (2000-2008)
- Pediatric Specialty, Shahid Beheshti University of Medical Sciences (2012-2015)
- Pediatric Hematology & Oncology Subspecialty, Iran University of Medical Sciences (2016-2019)
- Fellowship in Palliative Care, St Christopher's CARE hospice (2023-2024)
- Master course of hemato-oncology in Maxima Center, Utrecht, Netherland
- Master course of Neuro-oncology in Maxima Center, Utrecht, Netherland

Academic Rank

- ◊ Assistant Professor of Pediatric Hematology & Oncology (Associated Candidate)

Research h-index

- ◊ Google Scholar: 9, SCOPUS: 4

Work Experiences & Position Held

Physician in Emergency Medical Services center, Tehran, Iran (2008- 2010)

- **Pediatrician at Imam Khomeini government hospital, Yasuj, Iran (2015-2018)**
- **Pediatric Hematologist and Oncologist at Aliasghar Children Hospital (referral center for pediatric oncology) (2020-Present)**
- **Physician at Thalassemia clinic of Ali-Asghar children hospital. This clinic covers more than 100 Thalassemia patients. (2020-Present)**
- **Founder and head of the Pediatric Palliative Care unit in Ali Asghar children hospital (2022-Present)**
- **Assistant Professor and member of Iranian Pediatric Hematology & Oncology Society (2016-Present)**
- **Member of International Society of Paediatric and Oncology (SIOP)**
- **Member of International Society on Thrombosis and Haemostasis (ISTH) (2023-Present)**
- **In charge of the hospital's fellowship assistant program (2023-Present)**
- **Member of Research Council of Ali Asghar Children's Hospital (2020-Present)**
- **Member of the Research Council of Emergency Management Research Center since (2023-Present)**
- **Reviewer of numerous articles and research projects from 2013-Present**
- **Supervisor and thesis advisor for medical students and pediatric residents (10 titles)**
- **Instructor of workshops on research methods, essay writing, questionnaire design and sampling methods in the research committee of Iran University of Medical Sciences**

Skills

- **Bone Marrow Aspiration**
- **Bone Marrow Biopsy**
- **Oral, IV and Intrathecal Chemotherapy**
- **Management of Thalassemia patients**
- **Lumbar puncture**
- **Procedural Sedation and Analgesia (PSA)**
- **Palliative measures**
- **Pain Management**
- **Critical Thinking**
- **Communication Skills**
- **Leadership**
- **Essay writing**
- **Data Analysis**
- **Language:**
English, very good
Arabic: Basic

Computer Knowledge

- **Microsoft Office**
- **SPSS statistical software**
- **Search Strategy**
- **Endnote**

Publications

1. Mokhtari RB, Ashayeri N, Baghaie L, Sambhi M, Satari K, Baluch N, Bosykh DA, Szewczuk MR, Chakraborty S. The Hippo Pathway Effectors YAP/TAZ-TEAD Oncoproteins as Emerging Therapeutic Targets in the Tumor Microenvironment. *Cancers (Basel)*. 2023 Jul 2;15(13):3468.
2. Eghbali A, Nourigheimasi S, Ghasemi A, Afzal RR, Ashayeri N, Eghbali A, Khanzadeh S, Ghaffari K. The effects of curcumin on hepatic T2*MRI and liver enzymes in patients with β -thalassemia major: a double-blind randomized controlled clinical trial. *Front Pharmacol*. 2023 Dec 18;14:1284326.
3. Khosravi S, Shabodi F, Ashayeri N, Basir Ghafouri H, Rezai M, Mahmoudinezhad Dezfouli SM. Frequency of High Serum Creatine Phosphokinase (CPK) Levels in Hospitalized Patients with Influenza in 2019. *Razi J Med Sci*. 2022;29(9):113-123.
4. Naseri M, Rezaeizadeh H, Mirghazanfari M, Taheripanah T, Bararpour Z, Ashayeri N, Asghari M, Shahi ATM, Emadi F, Moghaddam PM, Nejad AH, Ghaffari F. Anti-inflammatory activity of a natural herbal-marine drug (MS14 - SANT and SUSP) compared to sodium salicylate or methylprednisolone in a rat model for multiple sclerosis. *Eur J Transl Myol*. 2021 Nov 24;32(1):10169.
5. Ansari Damavandi S, Nakhaie S, Karimi M, Ashayeri N. Ginger Relief Chemotherapy Induced Nausea and Vomiting (CINV) in Children: A Randomized Clinical Trial. *International Journal of Pediatrics*, 2021; 9(1): 12785-12794.
6. Mokhtari RB, Sambhi M, Qorri B, Baluch N, Ashayeri N, Kumar S, Cheng HM, Yeager H, Das B, Szewczuk MR. The Next-Generation of Combination Cancer Immunotherapy: Epigenetic Immunomodulators Transmogrify Immune Training to Enhance Immunotherapy. *Cancers (Basel)*. 2021 Jul 18;13(14):3596.
7. Damavandi SA, Adib S, Ashayeri N. Brain mucormycosis in a child with acute lymphoblastic leukemia. *Radiol Case Rep*. 2021 Jul 23;16(9):2808-2811.
8. Ansary Damavandi S, Shamspour M, Ashayeri N, Ahmadi Marzaleh M. Congenital Factor VII Deficiency Presenting With Isolated Recurrent Hematuria: A Case Report. *Acta Med Iran*. 2021;59(6):383-385.
9. Kiumarsi A, Hesabi A, Tavanayan M, Amirkashani D, Azarkeivan A, Molavi MA. Effect of L-carnitine on sperm parameters in patients with Thalassemia major: A pilot study. *Asian J Pharm Res Dev* 2020 Oct ;8(5):14-7.
10. Mahjoubi F, Afshari JT, Talebi S, Ashayeri N, Golalipour M, Brouk A, et al. Monitoring Minimal Residual Disease in Pediatric Acute Lymphoblastic Leukemia Using WT1 Expression Level in Relation to Immunopheno Typing. *Am J Leuk Res*. 2019;3(1):1015.
11. Ansari Damavandi S, Ashayeri N. BK Virus-Associated Hemorrhagic Cystitis in Children Suffering from Malignancies: Report of Three Cases. *Iranian Journal of Blood and Cancer* 2019; 11 (1) :33-35
12. Mosaddegh R, Ashayeri N, Rezai M, Masoumi G, Vaziri S, Mohammadi F, Givzadeh H, Noohi N. Are serial hematocrit measurements sensitive enough to predict intra-abdominal injuries in blunt

abdominal trauma? Open Access Emergency Medicine. 2019 Dec 23:9-13.

13. Rezai M, Delpasand F, Shirsavar K, Amiri K, Mosaddegh R, Ashayeri N et al . Investigation of factors affecting outcome of patients with acute digoxin intoxication in two academic emergency departments during 2004-2016. J Surg Trauma 2018; 6 (3) :108-113
14. Ashayeri N, Sadeghi E, Sadeghi S, Eshghi P, Alavi S. Efficacy of Deferasirox (Exjade®) versus Osveral® in Treatment of Iron Overload in Patients with Beta- thalassemia Major in Iran; A Non-randomized Controlled Trial. Iranian Journal of Blood and Cancer 2016; 8 (4) :103-10
15. Ashayeri N, Abbassian A, Janbakhsh S, Sheibani S, Sodagari F, Minaie M. The more prevalent medicinal herbs which have been purchased from herbal medicine stores in Tehran, 2008. jiitm 2013; 3 (4) :477-482
16. Boghratian A, Fereshtehnejad S, Mohammadsadeghi H, Ashayeri N, ZahediShoolami L, Mohammadzadeh M, Gholipoor F, Akbari M, ZangenehKazemi A, Jalali M. Findings of the Upper Gastrointestinal Tract Endoscopies Performed in Firouzabadi Hospital, Tehran, Iran, Between 1991 and 2001. GOVARESH 2012; 12(3), 150-154
17. Kosari F, Tajdar H, Ashayeri N, Tavangar SM, Mohamadipour M, Rezai M, Alavian SM. Hepatic iron status and response to therapy in chronic viral hepatitis B and C: A preliminary report. Gastroenterology and Hepatology from Bed to Bench. 2010;3(1).
18. Alavian SM, Alavian SH, Ashayeri N, Babaei M, Daneshbodi M, Hajibeigi B. Prediction of liver histological lesions with biochemical markers in chronic hepatitis B patients in Iran. Gastroenterol Hepatol Bed Bench. 2010 Mar ;3(2)
19. Agah SH, Fatali S, Ashayeri N. Treatment of Diarrhea Predominant Irritable Bowel Syndrome (IBS-D) Using Plantagel: a Random Double-blind Clinical Trial, Razi Journal of Medical Sciences, 2010; 16(12): 17-23.
20. Farsi D, Mofidi M, Kianmehr N, Abbasi S, Zare M, Shaker H, Rezai M, Ashayeri N. Assessment of the Role of Bedside Echocardiography in Predicting One-Month Outcome of the Patients with Low Risk Unstable Angina. Razi Journal of Medical Sciences. 2008 Sep 10;15:125-30.
21. Bozorgi H, Ramezani HO, Vahid T, Mostajeri A, Kargarfard H, Rezai M, Ashayeri N, Alavian SN. The prevalence and risk factors of hepatitis C virus infection among thalassemic patients of Qazvin 2005. Journal of Inflammatory Diseases. 2008 Feb 10;11(4):54-9.
22. Agah SH, Ghasemi A, Rezai M, Ashayeri N, Fereshtehnejad SM, Mohammad SH. Frequency determination of polyps and colorectal tumors among patients who underwent colonoscopy in Shariati hospital between November 2000-November 2002 Tehran. Razi Journal of Medical Sciences 2008; 15(3):13-18.
23. Bidari A, Abbasi S, Farsi D, Saidi H, Mofidi M, Radmehr M, Rezai M, Ashayeri N. Quality Assessment of Prehospital Care Service in Patients Transported to Hazrat-e- Rasoul Akram Hospital. Medical Journal of Tabriz University of Medical Sciences 2007; 29(3): 43-46.
24. Bozorghi SH, Ramezany H, Vahid T, Mostajeri A, Kareghar Fard H, Rezai M, Ashayeri N, Alavian SM. Assessment of prevalence and risk factors of hepatitis C virus infection in haemodialysis

patients in Ghazvin. Scientific Journal of Iran Blood Transfus Organ. 2006 Jan 10;2(7):331-7.

25. Alavian SM, Keyvani H, Rezai M, Ashayeri N, Sadeghi HM. Preliminary report of hepatitis B virus genotype prevalence in Iran. World Journal of Gastroenterology: WJG. 2006 Aug 8;12(32):5211.
26. Sadeghipour H, Agah SH, Pajang R, Ashayeri N, Rezai M, Fereshtenejad SM, Mohammad SH. Frequency determination of pathological findings regarding Ishak system in patients with chronic hepatitis and cirrhosis admitted to Rasoul-e-Akram hospital between 1997 to 2002. Razi Journal of Medical Sciences 2006; 13(50):93-98.
27. Talebitaher M, Akbari M, Rezai M, Ashayeri N, Omrani Z, Ghaderian H, Gholipour F, Mohammadzadeh M. Determination of anti-HBS titre mean induced by hepatitis B vaccine among health care workers in Firoozgar hospital in Tehran. Razi Journal of Medical Sciences 2005; 11(43):789-795.
28. Tagrian M, Ashayeri N. Childhood hepatoblastoma: A case report. Journal of Clinical Care and Skills 2024; 5(2), 81-84
29. Ashayeri N, Khani P, Miri-Aliabad G, Jafari M, Pajouhi A. Malignant melanoma with bone metastases in a child: a case report and review of literature. Ann Med Surg (Lond). 2025 Jan 9;87(1):318-322. doi: 10.1097/MS9.0000000000002767. PMID: 40109597; PMCID: PMC11918636.
30. Ashayeri, N., Zarei, E., Mortazavi, N. et al. Extrarenal Wilms tumor in the retroperitoneum of a 6-year-old girl: a case report and review of the literature. J Med Case Reports 19, 222 (2025). <https://doi.org/10.1186/s13256-025-05274-3>
31. Akbarnataj H, Eghbali A, Ashayeri N, Padooiy Nooshabadi M, Hosseini Shamsabadi R. Evaluating Renal Glomerular Function in Beta-Thalassemia Patients Receiving Deferasirox Using Serum Cystatin-C and Creatinine: A Cross-Sectional Study. Hemoglobin. 2025 May;49(3):178-186. doi: 10.1080/03630269.2025.2497856. Epub 2025 Apr 29. PMID: 40302298.
32. Shahla Ansari Damavandi, Neda Ashayeri, Amir Hesabi, (2025). The Use of Complementary and Alternative Medicine among Cancerous Children: A Survey at Ali Asghar Children's Hospital, *Traditional and Integrative Medicine*, 10(1), 1-7.

Book

- **Supportive and palliative care in children with cancer, Tehran, Mirmah Publication, 2023**

Academic Conferences

- 1- Participation in the “ Biennial International Pediatric Oncology Congress In Memory of Prof. Vossough (May 15, 2024)
- 2- Participation in the congress “New diagnostic and treatment methods in neuroblastoma” (March, 2024)
- 3- Presenting a lecture with a titled “Immunotherapy in osteosarcoma” at the congress of “New diagnostic and treatment methods in pediatric malignancies” (January, 2023) (**Guest Speaker**)
- 4- Participation in the congress “Updates on thrombosis and hemostasis” (December, 2023)
- 5- Participation in the congress “Approach to pancytopenia” (November, 2023)
- 6- Presenting a lecture with a titled “Non-Thrombocytopenic Purpura” at the “15th Annual Congress of Iranian Pediatric Hematology & Oncology Society with the topic of platelet disorders” (September, 2023) (**Guest Speaker**)
- 7- Participation in the congress “Cancer in Young People” (October, 2023)
- 8- Participation in the congress “Preservation of fertility in cancer patients and hematopoietic stem cell transplantation” (September, 2023)
- 9- Presenting a lecture with a titled “Lymphoproliferative disorders” at the congress of “14th Annual Congress of Iranian Pediatric Hematology & Oncology Society with the topic of “White Blood Cells Disorders in Children (February, 2023) (**Guest Speaker**)
- 10-Participation in the “55th Congress of the International Society of Pediatric Oncology (SIOP)” Ottawa, Canada (October, 2023)
- 11-**Oral Presentation** of an article titled “Efficacy of Chicory in Decreasing Serum Ferritin Level in Transfusion Dependent β -thalassemia Patients: A Randomized Clinical Trial Study” at the “13th national congress of Iranian Pediatric Hematology & Oncology Society & 2nd International Joint Congress of Iran and European Hematology Society” (March, 2022)
- 12-Participation in the “54th Congress of the International Society of Pediatric Oncology (SIOP)” Barcelona, Spain (October, 2022)
- 13-Participation in the congress “13th Biennial Childhood Leukemia and Lymphoma symposium. (CLLS 2021), virtual.
- 14-**Oral Presentation** of an article titled “Ginger Relieve Chemotherapy Induced Nausea and Vomiting (CINV) in Children: A Randomized Clinical Trial” at the congress of “International congress of supportive care of patients with child hood cancer.” Urmia, Iran(July, 2019)
- 15-**Oral Presentation** of the article titled “Langerhans Cell Histiocytosis 5 Years After B-cell Acute Lymphoblastic Leukemia” at the International Congress of Histiocytosis Updates (November, 2018)
- 16- **Oral Presentation** of the Article titled “BK virus-associated hemorrhagic cystitis in children suffering

malignancies: the report of three cases.” At the 6th International Congress of Iranian Children Nephrology Association (2018)

17-Participation in the congress “Hematology Tutorial in Thalassemia.” European Hematology Association (**EHA**). Shiraz. Iran. (May, 2018)

18-Participation in the “22th International Congress of Asia-Pacific Blood and Marrow Transplantation.” Tehran, Iran. (October, 2017)

19-Participation in the “2th Biennial International Pediatric Oncology Congress.” Tehran, Iran. (May, 2016)

20- Poster Presenting entitled: BK virus-associated hemorrhagic cystitis in children suffering malignancies: the report of two cases” and Participation of 11th Biennial Childhood Leukemia and Lymphoma symposium. Helsinki, Finland. May 2018.

21-Carrying out a research project titled "Citalopram is effective in treatment of Irritable Bowel Syndrome: A double blind controlled study" and accepting it as a **poster presentation** at the Groningen Congress in the Netherlands (ISCOMS) in 2006

22- **Oral Presentation** of an article titled: Determination of Anti-HBS titer mean induced by hepatitis B vaccine among healthcare workers in Firoozgar hospital in Tehran” at the “4th Iranian International Congress of Gastroenterology and Hepatology and the 2nd International Congress of From Bed to Bench in Gastroenterology and Liver Diseases. (December, 2004)