

Ali Amanati

Surname: Amanati

Forename: Ali

Date of Birth: June 11, 1977

Place of Birth: Tehran, Iran

Sex: Male

Marital Status: Married

No. of children: 2

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Current position:

Pediatric infectious diseases specialist at Amir Oncology Hospital, Iran

Experience

1. Head of the Student Research Committee
1. Pediatric infectious diseases specialist
Amir Oncology Hospital
June 2015 – Present, Shiraz University of Medical Sciences
2. Pediatric Infectious Disease Research Center
June 2012 – Present, Shahid Beheshti University of Medical Sciences
3. Pediatrician
Nikan Hospital
July 2012 – June 2015 (3 years), Tehran
4. Pediatric infectious diseases fellow
SBMU
June 2012 – August 2014 (2 years 3 months), Pediatric Infections Research Center, Shahid Beheshti University of Medical Sciences
5. Pediatrician
Fatemieh Hospital
October 2009 – June 2012 (2 years 9 months), Hamedan

6. Pediatrician

Valiasr Hospital

October 2009 – June 2012 (2 years 9 months), Razan, Hamedan

7. Pediatric resident

Department of Pediatrics

September 2006 – September 2009 (3 years), Department of Pediatrics, Hamadan University of Medical Sciences, Hamadan, IR Ir

8. General Physician

Boali Hospital

2005 – August 2006 (1 year), Marivan

9. General Physician

Fajr Hospital

March 2003 – August 2006 (3 years 6 months), Marivan

10. Medical Student

Zanjan University of Medical Sciences, Zanjan, IR Iran

September 1995 – August 2002 (7 years), Zanjan University of Medical Sciences, Zanjan, IR Iran

Certifications

2014: Iranian Board of Pediatric Infectious Disease.

2009: Iranian Board of Pediatrics.

2002: Medical Degree, Shiraz University of Medical Sciences.

Appointments and Position[1-18]

Present: Assistant Professor of Pediatric Infectious Disease, Pediatric department, Shiraz University of Medical Sciences, Shiraz, Iran

Publication

1.

1. A Amanati, R Van Manen, S Sajedianfard, H Shojaadini, M Boroughani, et al. Antineoplastic agents associated with neutropenic enterocolitis in patients with malignancy: A quantitative safety signal analysis. *Journal of Oncology Pharmacy Practice*, 10781552241238195, 2024
2. R Niknam, S Mansouri, M Fallahi, F Ejtehad, L Zahiri, A Amanati, et al. Variants of Ascitic Fluid Bacterial Infections and Clinical Outcomes in Patients with Liver Cirrhosis *Archives of Pediatric Infectious Diseases* 12 (3), 2024
3. A Amanati, HM Vardanjani, O Zekavat, S Nematollahi, S Jangjoo, F Safari, et al. Additive and Dose-Dependent Effect of Rituximab on Pediatric Patients' Outcomes Concurrently Receiving Immunosuppressive Chemotherapy, A Prospective Cohort Study *Archives of Pediatric Infectious Diseases* 12 (2), 2024
4. M Jamalidoust, M Jalil, Z Ashkan, M Sharifi, R Hemmati, AS Dashti, et al. COVID 19 infection clinical features in pediatric patients in Southwestern Iran: a cross-sectional, multi-center study *BMC Infectious Diseases* 23 (1), 828 1 2023
5. A Amanati, M Lotfi, B Abdolkarimi, A Karimi Rouzbahani, et al. Evolution of neuroimaging findings in angioinvasive cerebral aspergillosis in a pediatric patient with leukemia during long-term observation *BMC Infectious Diseases* 23 (1), 811 2023
6. B Abdolkarimi, A Amanati, S Nikbakht. From viral encounter to leukemic challenge: A case of isolated molecular relapse in a child with Acute Promyelocytic Leukemia after SARS-CoV-2 infection. From viral encounter to leukemic challenge: A case of isolated molecular ... 2023
7. N Samiraninezhad, M Rezaee, A Gholami, A Amanati, M Mardani. A novel chitosan-based doxepin nano-formulation for chemotherapy-induced oral mucositis: a randomized, double-blinded, placebo-controlled clinical trial. *Inflammopharmacology* 31 (5), 2411-2420 2023
8. H Esmailzadeh, Z Chavoshzadeh, SH Nabavizadeh, S Alyasin, et al. Systemic aspergillosis in a patient with interferon gamma receptor 1 deficiency; a case report. *BMC pediatrics* 23 (1), 278 2023

9. A Amanati, M Shahriari, MR Bordbar, SB Hedayati, M Ziyaeyan, et al. Severe acute respiratory syndrome coronavirus-2 Alpha variant (B. 1.1. 7), original wild-type severe acute respiratory syndrome coronavirus 2, and cytomegalovirus co-infection ... *Journal of Medical Case Reports* 17 (1), 66 2 2023
10. H Esmailzadeh, Z Chavoshzadeh, SH Nabavizadeh, S Alyasin, et al Systemic aspergillosis in a patient with interferon gamma receptor 1 deficiency; a case report *BMC pediatrics* 2023
11. M Karimi, AS Dashti, S Haghpanah, Y Mansoori, T Zarei, A Amanati, et al. Thromboprophylaxis Outcome in Childhood SARS-CoV-2 Infection: a single-center experience *Journal of Pediatric Hematology/Oncology* 45 (1), e97-e102 2023
12. A Amanati, M Vali, H Fatemian, Z Maleki, H Foroozand, K Sahebi, et al. A comprehensive comparison of COVID-19 characteristics (Wuhan Strain) between children and adults during initial pandemic phase: A meta-analysis study *Archives of Pediatric Infectious Diseases* 10 (4) 2022
13. A Amanati, SB Hedayati, M Ziyaeyan, A Honar, R Dashtianeh, N Rabiei, et al. A fatal SARS-coronavirus-2 induced bone marrow aplasia complicated with invasive fungal infection and severe neutropenic enterocolitis. *BMC Infectious Diseases* 22 (1), 682 2022
14. B Abdolkarimi, A Amanati, H Molavi Vardanjani, S Jamshidi, et al . Antibody waning after immunosuppressive chemotherapy and immunomodulators, re-immunization considerations in pediatric patients with malignancy and chronic immune ... *BMC Infectious Diseases* 22 (1), 657 2022
15. P Badiie, A Amanati, F Ghasemi, H Jafarian. Significance of biomarkers in stewardship program in pediatric patients infected with *Aspergillus* species. *Italian Journal of Pediatrics* 48 (1), 109 2022
16. R Nikandish, A Amanati, Z Naal Investigating the Effect of the Presence of the Rapid Re-sponse Team on the Rate of Intubation and Cardiopulmonary Resuscitation in Patients Admitted to Namazi *Journal of Medical Council of Iran* 40 (4), 309-309 2022
17. H Jafarian, A Amanati, P Badiie Antifungal activity of Taurolidine against Mucorales: An in vitro study on clinical isolates *Current medical mycology* 8 (1), 26 2022
18. B Abdolkarimi, A Amanati, G Bahoush Mehdiabadi Cutaneous diphtheria complicated oncologic reconstruction surgery in osteosarcoma *Clinical Case Reports* 10 (2), e05425 2022

19. B Abdolkarimi, A Amanati, S Tabaeian, AK Rouzbehani High-Value-Care Case Based Management in Pediatric Wilson Disease *Journal of Gastroenterology & Hepatology Reports* 3 (3), 1-3 2022
20. M Zare, M Jamalidoust, GR Pouladfar, A Amanati, M Shafaati, et al A case report of severe systemic infection with neurological HFMD symptoms followed by an accidental puncture of thumb during HFMD sample collection *IDCases* 27, e01434 2022
21. A Amanati, OR Zekavat, H Foroutan, O Azh, A Tadayon, A Monabati, et al Case reports of invasive mucormycosis associated neutropenic enterocolitis in leukemic children: diagnostic and treatment challenges and review of literature *BMC Infectious Diseases* 21, 1-9 2021
22. M Bordbar, A Sanaei Dashti, A Amanati, E Shorafa, Y Mansoori, et al. Assessment of the HScore as a predictor of disease outcome in patients with COVID-19 *BMC Pulmonary Medicine* 21, 1-9 2021
23. Y Malekzadegan, A Amanati, A Bazargani, M Ramzi, M Motamedifar Fecal colonization, phenotypic and genotypic characterization of ESBL-producing *Escherichia coli* isolates in transplant patients in Shiraz Nemazee and Abu Ali Sina Hospitals *Gene Reports* 25, 101321 2021
24. A Amanati, S Sajedianfard, S Khajeh, S Ghasempour, S Mehrangiz, et al Bloodstream infections in adult patients with malignancy, epidemiology, microbiology, and risk factors associated with mortality and multi-drug resistance *BMC infectious diseases* 21, 1-14 2021
25. K Najib, M Moghtaderi, A Amanati, M Rezaei, N Namavari Neonatal Sepsis as a Risk Factor Associated with Severe COVID-19: A Case Report with Clinical and Imaging Features *International Journal of Pediatrics* 9 (12), 14997-15002 2021
26. Ali Amanati, and Mazyar Ziyaeyan mRNA COVID-19 Vaccines and Potential Autoimmunity *Arch Pediatr Infect Dis.* 2021
27. H Mottaghipisheh, K Kalantar, A Amanati, M Shokripour, M Shahriari, et al Comparison of the clinical features and outcome of children with hemophagocytic lymphohistiocytosis (HLH) secondary to visceral leishmaniasis and primary HLH: a single-center study *BMC Infectious Diseases* 21 (1), 732 14 2021
28. A Amanati, P Badiee, H Jafarian, F Ghasemi, S Nematollahi, et al Impact of antifungal stewardship interventions on the susceptibility of colonized *Candida* species in pediatric patients with malignancy *Scientific Reports* 11 (1), 14099 2021

29. N Aliabadi, M Jamalidoust, G Pouladfar, NH Marandi, A Ziyaeyan, et al Susceptibility evaluation of clinically isolated HSV-1 strains to acyclovir: A phenotypic and genotypic study *Jundishapur Journal of Microbiology* 14 (6) 2021
30. S Mohebi, HH Nave, K Javadi, A Amanati, S Kholdi, M Hadadi, et al Evaluate the distribution of virulence genes and to investigate antibiotic resistance pattern among *Shigella* species isolated from children with shigellosis in Iran *Gene Reports* 23, 101189 2021
31. A Amanati, M Lotfi, RV Manen, MA Faghihi, M Yavarian, O Zekavat, et al Potential voriconazole associated posterior reversible leukoencephalopathy in children with malignancies: report of two cases *Journal of oncology pharmacy practice* 27 (2), 498-504 2021
32. B Abdolkarimi, S Zareifar, M Shahriari, MR Bordbar, A Amanati Is need chemotherapy titration during acute myeloid leukemia treatment *Journal of Oncology Research Reviews and Reports* 131 (2), 2-5 2021
33. A Amanati, H Barzegar, G Pouladfar, A Sanaei Dashti, MB Abtahi, et al Orbital mucormycosis in immunocompetent children; review of risk factors, diagnosis, and treatment approach *BMC Infectious Diseases* 20, 1-9 2020
34. A Amanati, M Lotfi, MS Masoudi, H Jafarian, F Ghasemi, H Bozorgi, et al Cerebral and pulmonary aspergillosis, treatment and diagnostic challenges of mixed breakthrough invasive fungal infections: case report study *BMC Infectious Diseases* 20, 1-7 2020
35. B Abdolkarimi, A Amanati Maintenance therapy or metronomic treatment replacement Intravenous phase in Acute Lymphoblastic Leukemia during COVID-19 Pandemic: New Strategy 2020
36. A Amanati, P Badiee, M Lotfi, A Monabati, MA Faghihi, M Yavarian, et al Generalized exfoliative skin rash as an early predictor of supratherapeutic voriconazole trough levels in a leukemic child: A case report *Current medical mycology* 6 (3), 73 2020
37. A Amanati, P Badiee, H Jafarian, F Ghasemi, S Nematollahi, et al Impact of antifungal stewardship interventions on the susceptibility of *Candida* species in pediatric patients with malignancy
38. B Abdolkarimi, NH Mazinani, A Amanati Differentiation syndrome mimicking COVID-19 pneumonia *Archives of Pediatric Infectious Diseases* 8 (3)

39. F Lavaee, A Amanati, M Ramzi, S Naseri, HS Sefat Evaluation of the effect of photodynamic therapy on chemotherapy induced oral mucositis Photodiagnosis and photodynamic therapy 30, 101653
40. A Amanati, B Abdolkarimi, S Hamzavi Management of febrile neutropenia in children with cancer; a practical guide to diagnosis and treatment.
41. M Karimi, H Bozorgi, T Zarei, M Bordbar, A Amanati, A Safaei, et al Antithrombotic prophylaxis in children and adolescent patients with SARS-CoV-2 (COVID-19) infection: A practical guidance for clinicians Acta Bio Medica: Atenei Parmensis 91 (4)
42. A Amanati Maintenance Therapy or Metronomic Treatment Replacement Intravenous Phase in Acute Lymphoblastic Leukemia During COVID-19 Pan-demic: New Strategy Annals Oncology & Cancer Case Reports 1 (1), 1-3
43. S Nematolahi, S Nazari, Z Shayan, SMT Ayatollahi, A Amanati Improved Kaplan-Meier Estimator in Survival Analysis Based on Partially Rank-Ordered Set Samples Computational and Mathematical Methods in Medicine 2020 (1), 7827434
44. SS Hamzavi, A Amanati, P Badiee, MR Kadivar, H Jafarian, F Ghasemi, et al Changing face of Candida colonization pattern in pediatric patients with hematological malignancy during repeated hospitalizations, results of a prospective observational study ...BMC infectious diseases 19, 1-9
45. H Heidari, HS Ebrahim-Saraie, A Amanati, M Motamedifar, N Hadi, et al Toxin profiles and antimicrobial resistance patterns among toxigenic clinical isolates of Clostridioides (Clostridium) difficile Iranian Journal of Basic Medical Sciences 22 (7), 813
46. HS Ebrahim-Saraie, H Heidari, A Amanati, A Bazargani, SA Taghavi, et al A multicenter-based study on epidemiology, antibiotic susceptibility and risk factors of toxigenic Clostridium difficile in hospitalized patients in southwestern Iran Infez Med 26 (4), 308-15
47. A Amanati, A Karimi, A Fahimzad, AR Shamshiri, F Fallah, A Mahdavi, et al Prevalence of human herpes viruses in bronchoalveolar lavage of critically ill children undergoing mechanical ventilation at a pediatric intensive care unit Archives of Pediatric Infectious Diseases 6 (2)
48. M Bordbar, A Amanati, M Shokripour, K Kamali, S Zareifar, M Shahriari, et al Simultaneous occurrence of multifocal osteomyelitis in a child with acute lymphoblastic leukemia: A rare manifestation during the maintenance phase of treatment Archives of Pediatric Infectious Diseases 6 (2)

49. A Amanati, N Shakibazad, B Pourabbas, MH Nowroozzadeh, S Zareifar, et al Case Report Acute Progressive Visual Loss in a Case of Acute Myeloid Leukemia: Challenges in the Utility of Molecular Tests in Early Diagnose of Cytomegalovirus Retinitis
50. A Amanati, N Shakibazad, B Pourabbas, MH Nowroozzadeh, S Zareifar, et al Acute progressive visual loss in a case of acute myeloid leukemia: challenges in the utility of molecular tests in early diagnose of cytomegalovirus retinitis *Case Reports in Medicine* 2018 (1), 2840707
51. A Amanati, G Pouladfar, MR Kadivar, AS Dashti, Z Jafarpour, et al A 25-year surveillance of disseminated Bacillus Calmette–Guérin disease treatment in children in Southern Iran *Medicine* 96 (52), e9035
52. A Amanati, A Karimi, A Fahimzad, AR Shamshiri, F Fallah, A Mahdavi, et al Incidence of ventilator-associated pneumonia in critically ill children undergoing mechanical ventilation in pediatric intensive care unit *Children* 4 (7), 56
53. I Sedighi, ASM Nejad, A Amanati, S Nakhaei, MY Alikhani Virulence factors and antibiotic resistance in uropathogenic and commensal Escherichia coli isolates *Journal of Krishna Institute of Medical Sciences University* 5 (4), 50-57
54. I Sedighi, A Karimi, A Amanati Old disease and new challenges: Major obstacles of current strategies in the prevention of pertussis *Iranian Journal of Pediatrics* 26 (4)
55. F Zand, M Moghaddami, MA Davarpanah, M Masjedi, R Nikandish, et Invasive fungal infections in critically-ill patients: A literature review and position statement from the IFI-clinical forum, Shiraz, Iran *al Biosci Biotechnol Res Communicat* 9 (3), 371-81
56. F Hosseini, H Mahjoub, A Amanati, MM Fazlian, I Sedighi Comparison of zataria multiflora extract syrup and diphenhydramine in the treatment of common cold-induced cough in children: A double-blind, randomized, clinical trial *Archives of Pediatric Infectious Diseases* 4 (3)
57. A Karimi, A Amanati Matrix-assisted laser desorption/ionization time of flight mass spectrometry: a new guide to infectious disease *Archives of Pediatric Infectious Diseases* 4 (2)
58. OR Zekavat, A Amanati, F Saleh, B Abdolkarimi, G Fathpour, P Badiee, et al Current strategies against invasive fungal infections in patients with aplastic anemia, strong power and weak weapon, a case report and review of literature *Medical mycology case reports* 11, 16-20
59. OR Zekavat, A Amanati, F Saleh, B Abdolkarimi, G Fathpour, P Badiee, et al review OF Literature, *Medical Mycology Case Reports*

60. A Karimi, A Amanati Molecular Tests for Detection of Cytomegalovirus Infection, Useful Guidance or Misleading Advertisement? Archives of Pediatric Infectious Diseases 4 (1)
61. A Karimi, A Alborzi, A Amanati Visceral leishmaniasis: an update and literature review Archives of Pediatric Infectious Diseases 4 (3)

62. Aghdam, M.K., et al., *Capillaria hepatica*, A Case Report and Review of the Literatures. Archives of Pediatric Infectious Diseases, 2015. 3(2).

63. Amanati, A., M.-M. Taghdiri, and S.-M. Musavi, Status Epilepticus as a Presenting Sign of Reversible Posterior Leukoencephalopathy Syndrome in a Liver Transplant Recipient. Iranian Journal of Pediatrics, 2009. 19: p. 1-2.

64. Dara, N., et al., Tuberculosis Lymphadenitis in Association With Celiac Disease Mimicking Kikuchi-Fujimoto Disease. Archives of Pediatric Infectious Diseases, 2015. 3(1 TB).

65. Karimi, A., et al., Multifocal Dactylitis as a Consequence of Bacillus Calmette-Guérin Vaccination in a Patient With Severe Combined Immunodeficiency: A Case Report. Archives of Pediatric Infectious Diseases, 2015. 3(1 TB).

66. Tabatabaei, S.R., et al., Diffuse Hyper Pigmented Subcutaneous Nodules as a Primary Manifestation of Disseminated Bacillus Calmette-Guerin Disease in Young Infants. Archives of Pediatric Infectious Diseases, 2015. 3(2).

67. Karimi, A., et al., Co-infection of Leishmania and Tuberculosis. Archives of Pediatric Infectious Diseases, 2014. 2(1): p. 183-187.

68. Sedighi, I., et al., Seroepidemiology of Bordetella pertussis Infection in Fresh College Students in Iran: A Multicenter Study. Archives of Clinical Infectious Diseases, 2014. 9(1).

69. Tabatabaei, S.R., et al., Diagnostic Dilemma in a Patient With Chronic Fistulating Nonhealing Ulcer. Archives of Pediatric Infectious Diseases, 2014. 2(3).

70. Sedighi, I., et al., Choosing the correct empirical antibiotic for urinary tract infection in pediatric: Surveillance of antimicrobial susceptibility pattern of Escherichia coli by E-Test method. Iranian journal of microbiology, 2014. 6(6): p. 387.

71. RAFIEI, T.S., et al., DIAGNOSTIC DILEMMA IN A PATIENT WITH CHRONIC FISTULATING NONHEALING ULCER. 2014.

72. Sedighi, I., et al., Antimicrobial activity of natural honey: Topical application of pure natural honey in prevention of chemotherapy induced oral mucositis. *Journal of Comprehensive Pediatrics*, 2013. **3**: p. 138-142.
73. Taghdiri, M.-M., A. Amanati, and B. Abdolkarimi, Cyclosporine in the Treatment of a Case of Fulminant and Refractory Acute Disseminated Encephalomyelitis. *Iranian journal of pediatrics*, 2011. **21**(4): p. 535.
74. Razavi, Z. and A. Amanati, Effect of Fluid Replacement Therapy on Complication and Recovery Time of Diabetic Ketoacidosis: Comparison of Two Protocols. *The Iranian Journal of Diabetes and Obesity (IJDO)*, 2011. **3**(1): p. 32-40.
75. Kazemi, A., et al., The effect of Computerized Physician Order Entry and decision support system on medication errors in the neonatal ward: experiences from an Iranian teaching hospital. *Journal of medical systems*, 2011. **35**(1): p. 25-37.
76. Iraj Sedighi, Hasan Bazamon, Ali Amanati, Erythema marginatum as a presenting sign of kawasaki disease. *Scientific Journal of Hamadan University of Medical Sciences*. 2008
77. Momtaz, H.E. and A. Amanati, Continuous Ambulatory Peritoneal Dialysis for a Patient With Bardet-Biedl Syndrome. *Iranian journal of kidney diseases*, 2008. **2**(4).

Books:

1. Compilation of EndNote Basics (Introduction of software), 2012
2. Translation of Red Book, AAP Report of the Committee on Infectious Diseases, 2012
3. Translation of Clinical use of Immunoglobulin, 2012

Multimedia Software:

Endnote Basics (Introduction of soft ware)

Conference Paper:

1. Detection of human herpes viruses and pneumocystis jiroveci by conventional PCR in bronchoalveolar lavage samples from children undergoing mechanical ventilation in PICU at the Mofid Children's. Ali Amanati, Abdollah Karimi, 7th International Congress of Laboratory and Clinic (Infectious Diseases) and 1st Conference of Clinical Virology, Tehran, Iran; 02/2015

2. Opportunistic Infections in Hematopoietic Stem Cell Transplantation, A review article
Ali Amanati, Abdollah Karimi, The 1st International and 5th National Congress On Stem cells,
Tehran, Iran; 01/2015
3. Bacteriocins. Ali Amanati, 10th Annual Congress of Iranian Pediatric Infectious Diseases
Society & The six Memorial of Prof. Ahmad siadati; 11/2014
4. Review of new vaccines. Ali Amanati, Abdolah Karimi, Vaccination in special situations,
Tehran, Iran; 11/2014
5. Vaccination in immunocompromised host. Ali Amanati, Vaccination in special situations;
11/2014
6. Infections and nutrition. Ali Amanati, Annual Congress of Iranian society of Pediatric 2011;
05/2011
7. Disseminated BCG infection due to BCG vaccination. Ali Amanati, Paediatric Infectious
Diseases Conference - ESPID 2010, Nice; 05/2010
8. Cyclosporine as a salvage therapy in the treatment of acute disseminated encephalitis. Ali
Amanati, Babak Abdolkarimi, Mahammad Mehdi Taghdiri, 9th Iranian Child Neurology;
02/2010
9. Special consideration in prevention antibiotic toxicity. Ali Amanati, 5th Annual Congress of
Iranian Pediatric Infectious Diseases Society & The first Memorial of Prof. Ahmad siadati;
11/2009
10. Assessment of knowledge of addicted patients admitted to infectious and psychiatric ward
about development, transmission, prevention and treatment of HIV. Ali Amanati.
Congress of addiction, challenges and treatment, Zanjan; 10/2002