

Roxana Mansour Ghanaiee (Roxana Mansour Ghanaie) M.D. Pediatricians. Infectious

Diseases in Pediatrics

- Professor of Shahid Beheshti University of Medical Sciences
- Head of Nosocomial Infection Control Committee of Mofid Children's Hospital since 2024
- Focal point for emerging and re-emerging infections (including influenza, pertussis, Tuberculosis) in Mofid children Hospital
- Focal Point of Pediatric HIV in Iran since 2011
- Manager of Knowledge Management Unit of Pediatrics in Iran since 2009
- Head of Education distribution unit of the Pediatric group of Shahid Beheshti University of Medical Sciences
- Head of Medical Education Distribution Office in Medicine Faculty of Shahid Beheshti University of Medical Sciences 2009-2012
- Established the first community and evidence based multidisplinary pediatric clinic in SBMU, Torab Academic Clinic
- Associated editor of "Archives of Pediatric Infectious Disease" Journal
- Deputy head of emergency ward in Mofid Children Hospital 2012-2013
- Consultant in pediatric infectious disease in Shohada and Loghman Hospitals 2010-2015
- Executive deputy of the secretary of the Council for Graduate Medical Education of Iranian in 2014
- Member of the European Society of Pediatric Infectious Disease till 2019
- Member of TBnet
- Member of ESCMID since 2025
- Reviewer of articles in different Mediactal journals included IScience

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Date of Birth: 13th August 1966

Nationality: Iranian

Marital Status: Married

Iranian Medical Council Registration Number: 35682

General Education: Gifted and Talented Students School,
Tehran, Iran

Medical School: Tehran University Medical School, 1992. (First rank in university entrance exam for entrance to Tehran Medical School)

Residency Training: Shahid Beheshti University Medical (SBMU)
School, Tehran, Iran. 1993-6. Board Certificate in Pediatrics (1996)

Subspecialist Training: Shahid Beheshti University Medical School, Tehran, Iran. 2007-9. Board Certificate in Pediatrics Subspecialist (3rd rank in Final exam), Pediatrics Infectious Diseases, 2009.

Participated in: "A new training model for Paediatric HIV initiative in Europe 2012" Course.

"changing the conversion on Flu: Influenza workshop" 2018

And many other workshops

Focal point: Pediatric Tuberculosis and HIV in SBMU since 2013

Member of National Committee: HIV since 2013, Tuberculosis since 2018

Language: passed academic IELTS with grade 7 in 2008, German language level B1

Computer skills: passing DOS and applied softwares and windows courses in Sharif University of Technology 2001

Advanced windows 98 in Tehran complex of Technology 2002, online short courses of Artificial Intelligence

Course of AI application in content production & content marketing 2025

 Articles presented (oral or poster) in international conferences:

- **Sensitivity and specificity of World Health Organization proposed criteria for pertussis.** (Poster). American Thoracic Society International Conference, New Orleans: 14-19 May! 2010.
- **Urinary soluble triggering receptor expressed on myeloid cell-1 levels for acute bacterial Infection.** 5th Ditan International Conference on Infectious Diseases (DICID), Beijing-China: 2011

- **Determination of cut-off value of urinary soluble triggering receptor expressed on myeloid cell-1 levels for acute bacterial Urinary Tract Infection (poster).** The 7th World Congress of the World Society for Pediatric Infectious Diseases Melbourne- Australia:16-19 November 2011
- **Re-emerging of pertussis in Iranian school-age Children (poster).** European Society of Pediatric Infectious disease Congress, Thessaloniki- Greece: May 2012.
- **Group A streptococcus emm type in Iranian children with pharyngitis.** 32nd Annual Meeting of the European Society for Paediatric Infectious Diseases, Dublin, Ireland, May 6-10, 2014.
- **Prevalence of blaPER-1 and blaVEB-1 genes among ESBL-producing Acinetobacter baumannii isolated from two hospitals of Tehran, Iran.** 2nd World Congress and Exhibition on Antibiotics and Antibiotic Resistance, Manchester, UK, October 13-15, 2016
- **Complications Following Bacillus Calmette-Guérin Vaccination in Children Under the Age of 18 Months: An Iranian Multi-Center Study.** Acceptance of E-Poster Viewing at the 34th Annual Meeting of the European Society for Pediatric Infectious Diseases, Brighton, UK, May 10-14, 2016.
- **Detection of most common gram-negative bacteria producing pulmonary infections in cystic fibrosis** 35th Annual Meeting of The European Society for Pediatric Infectious Diseases, Madrid, Spain, May 23-27, 2017.
- **Hospital-based vaccine safety active surveillance system: proof of concept study on risk of aseptic meningitis and immune thrombocytopenic purpura following measles-mumps containing vaccination.** Annual Meeting of The European Society for Pediatric Infectious Diseases, Madrid, Spain, May 23-27, 2017. (As A Cooperator) And annual International Clinical Microbiology Conferences Shiraz 2019 Oct infections in immunosuppression
- **Antimicrobial resistance and antimicrobial usage in Iran ,** in Robert Koch Institute in Berlin Sep. 2023(this workshop co-founded by RKI and our center)

Articles Published:

- **Sensitivity and Specificity of World Heritage Organization Proposed Criteria for Pertussis**

R Mansour Ghanaie, A Karim, H Sadeghi, et al. International Journal of Infectious Diseases 2010;14(12): e1072-e1075

- **Fungal dacryocystitis.** RM Ghanaie, A Karimi, A Fahimzad, S Armin, F Shiva Journal of Pediatric Infectious Diseases,2010, 5 (3), 293-296

- **Aetiology of upper respiratory tract infections in children in Arak city: a community based study**

M Kahbazi, A Fahmizad, S Armin, R Ghanaee, F Fallah, F Shiva,et al.Acta microbiologica et immunologica Hungarica, 2011,58 (4), 289-296

- **PP-053 Determination of the cut-off value of urinary sTREM-1 (Soluble triggering receptor expressed on myeloid cells-1) levels for diagnosis of acute bacterial urinary tract infection**

RM Ghanaiee, A Karimi, M Sharifian, S Armin, A Fahimzad, M Mohkam International Journal of Infectious Diseases,2011, 15, S60

- **lymphohistiocytosis in Iran. A Case series. Archives of pediatric infectious disease,**

R M Ghanaiee, R Shiari, A Karim,et al. Hemophagocytosis 2012; Volume 1-Issue 1:31-35

- **Infectious diseases in Iran: a bird's eye view.**

M Askarian, R M Ghanaiee, A Karim, F Habibzadeh Clinical Microbiology and Infection2012; 18(11): 1081–1088.

- **Management of Chronic Cough in Children**

RM Ghanaiee, SA Fahimzad, A Karimi.

Archives of Pediatric Infectious Diseases,2013,1 (3), 136-43

- **Frequency of pertussis in iranian school-age children**

RM Ghanaie, A Karimi, H Sadeghi,et al.Journal of Pediatric Infectious Diseases,2013, 8 (1), 1-5

- **Managment of a Child With Decreased Level of Consciousness**

A Karimi, SA Fahimzad, RM Ghanaie Arch Pediatr,2013, 1 (2)

• **Rotavirus infection in children with acute gastroenteritis in Iran: A systematic review and meta-analysis** M Moradi-Lakeh, S Shakerian, M Yaghoubi, A Esteghamati, F Shokraneh,, HR Baradaran, RM Ghanaee .International journal of Preventive Medicine 5 (10), 1214

• **Co-infection of Leishmania and Tuberculosis**

A Karimi, A Amanati, RM Ghanaee, L Mohajerzadeh Archives of Pediatric Infectious Diseases,2014, 2 (1), 183-187

• **Hand Hygiene Compliance by the Health Care Staff in a Pediatric Hospital**

F Shiva ; M Kamali ; F Shirvani ; S Armin ; Rm. Ghanaee, et al. archives of pediatric infectious disease,2014, July; 2(4): e18909 , DOI: 10.5812/pedinfect.18909

• **Tuberculosis Diagnosis**

• A Karimi, RM Ghanaee, F Shiva Archives of Pediatric Infectious Diseases,2015, 3 (1 TB)

• **Rationality of Prescriptions for Patients Admitted With Common Illnesses in a Children's Hospital**

F Shiva, R Ghanaee, F Shirvani, S Armin, SR Tabatabaei, SA Fahimzad,et al. Archives of Pediatric Infectious Diseases,2016, 4 (3)

• **Cost-effectiveness analysis of the introduction of rotavirus vaccine in Iran**

M Javanbakht, M Moradi-Lakeh, M Yaghoubi, A Esteghamati, RM Ghanaee, et al. Vaccine,2015, 33, A192-A200

• **Acellular pertussis vaccine efficacy: An updated systematic**

RM Ghanaee, M Moradi-Lakeh , S Shakerian ,et al. medical journal of islamic republic of iran,2016, 30, 451

• **Should BCG Vaccination be Continued in Resource Limited Countries**

A Karimi, RM Ghanaee. Int J Vaccines Vaccin,2016, 2 (1), 00018

• **Seroepidemiological Evaluation of High-Risk Human Papillomavirus Types Among Married and Unmarried Iranian Women in Tehran, Iran**

A Abedini, A Karimi, S Shamsy, RM Ghanaiee, Z Gholinejad Archives of Pediatric Infectious Diseases,2016, 4 (3)

•Surveillance of Primary Immunodeficiency Disorders in Mofid Children's Hospital: A 10-year Retrospective Experience

D Babaie, S Atashpar, Z Chavoshzadeh, S Armin, M Mesdaghi, A Fahimzad , SR Tabatabaei , RM Ghanaiee. Archives of Pediatric Infectious Diseases,2017, 5 (4)

•Operational lessons learned in conducting a multi-country collaboration for vaccine safety signal verification and hypothesis testing: The global vaccine safety multi country.

C Guillard-Maure, V Elango, S Black, S Perez-Vilar, JL Castro, et al. Vaccine,2018, 36 (3), 355-362

Frequency of Candida Species Isolated from Patients in Children's Medical Center, Tehran, Iran

A Charsizadeh, B Nikmanesh, B Ahmadi, N Jalalizand, Z Jafari,et al.Archives of Pediatric Infectious Diseases,2018, 6 (1)

Pattern of Antibiotic Usage in Children Hospitalized for Common Infectious Diseases

F Shiva, RM Ghanaiee, F Shirvani, S Armin, SR Tabatabaei, SA Fahimzad,,et al. Archives of Pediatric Infectious Diseases,2018, 6 (1)

Enhancing global vaccine pharmacovigilance: Proof-of-concept study on aseptic meningitis and immune thrombocytopenic purpura following measles-mumps

S Perez-Vilar, D Weibel, M Sturkenboom, S Black, C Maure, JL Castro, et al. Vaccine,2018, 36 (3), 347-354

Future strategic plan for national immunisation program in Iran: cost effectiveness of acellular pertussis versus whole-cell

RM Ghanaiee, M Moradi-Lakeh, A Karimi,et al. Int. J. Foresight and Innovation Policy, Vol. 13, No. 1/2, 2018

Registry of clinical data and laboratory findings in 80 patients with primary immunodeficiencies in mofid children hospital

AZ Mirzaee, S Darougar, Z Chavoshzadeh, M Mesdaghi, M Mansouri, D Babaie, A Karimi, S Armin, A Fahimzad, SF Tabatabaei, RM Ghanaiee, et al. Journal of Comprehensive Pediatrics, 2018, 9(3), e62446

Complications following Bacille Calmette-Guérin vaccination in children under the age of 18 months: A multi-center study

RM Ghanaiee, MD; A Karimi, MD; SM Zahraei, Sussan Mahmoudi, Patrick Louis.F Zuber. Int J Pediatr, Vol.7, N.1, 2019

Investigation of chromosomal abnormalities and microdeletion/microduplication (s) in fifty Iranian patients with multiple congenital anomalies

A Mohammadzadeh, S Akbaroghli, E Aghaei-Moghadam, N Mahdieh, RS Badv, P Jamali, R Kariminejad, Z Chavoshzadeh, SG Firouzabadi, RM Ghanaiee, et al. Cell Journal, 2019, 21(3), pp. 337-349

Molecular identification of gram-negative bacteria in respiratory samples of cystic fibrosis patients from a children referral hospital in Tehran

L. Azimi, RM Ghanaiee, M Shirdust, et al. Archives of Pediatric Infectious Diseases, 2019, 7(3), e64834

Disseminated BCG Infection and Primary Immunodeficiencies: A Report from Two Tertiary Centers

S. Baradaran, Z. Chavoshzadeh, RM Ghanaiee, et al. Archives of Clinical Infectious Diseases, 2019, 14(6), e82536

Evaluation of clarithromycin and metronidazole resistance of Helicobacter pylori infection in symptomatic Iranian Children

MB Haghighi, N Dara, RM Ghanaiee, L Azimi, AH Hosseini
International Journal of Pediatrics, 2019 Feb; 7(2):8925-8933
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Chorioamnionitis and neonates; Which strategy?

S.-A Afjeh,, M.K Sabzehei,,R.M. Ghanaiee et al. Archives of Iranian Medicine, 2020, 23(7), pp. 480-487

Utility of Available Methods for Diagnosing SARS-CoV-2 in Clinical Samples

A Shirvani, L Azimi, RM Ghanaiee, M Alebouyeh, et al. Archives of Pediatric Infectious Diseases, 2020, 8(3), pp. 1-13, e103677

COVID-19 and Chickenpox as a Viral Co-Infection in a 12-Year-Old Patient, a Case Report.

A.Karimi, SR.Tabatabaei, M. Khalili, S. Sadr, M. Alibeik, S. Omidmalayeri, S. Fahimzad, RM ghanaiee, et al.

Archives of Pediatric Infectious Diseases. 2020 July 1. 8(3):e 105591.

Current Concepts on Immunopathology of COVID-19 and Emerging Therapies L Azimi,A

Karimi, M Alebouyeh 1 , A Shirvani, S Maham, SR Tabatabaei, S Armin, F Fallah, M Rajabnejad, SA Fahimzad, F Shirvani, RM Ghanaiee .Archives of Pediatric Infectious Diseases, 2020, 8(3), pp. 1-8, e104266

Diagnosis of latent tuberculosis infection among pediatric household contacts of Iranian tuberculosis cases using tuberculin skin test, IFN- γ release assay and IFN- γ -induced protein-10. RM Ghanaiee, A Karimi, L Azimi, S James, M Nasehi, A. Panahi Mishkar, et al. BMC Pediatrics, 2021, volume 21, Article number: 76 DOI: 10.21203/rs.3.rs-38034/v1

Serosurvey and molecular detection of the main zoonotic parasites carried by commensal *Rattus norvegicus* populations in Tehran, Iran

TAzimi, MR Pourmand, F Fallah, A Karimi, RM Ghanaiee. Tropical Medicine and Health, 2020, Jul 22;48:60. DOI: 10.1186/s41182-020-00246-3

An algorithmic approach to diagnosis and treatment of coronavirus disease 2019 (COVID-19) in children: Iranian expert's consensus statement

A Karimi , SR Tabatabaei , M Rajabnejad, Z Pourmoghaddas ,H Rahimi , S Armin , RM Ghanaiee, et al. Archives of Pediatric Infectious Diseases, 2020, 8(2), e102400

Determination of the Relationship Between Kobayashi, Sano, and Egami Criteria and Prevalence of Intravenous Immunoglobulin Resistance and Coronary Artery Aneurysm in Iranian Children with Kawasaki Disease

N Shashaani , R Shiari , A Karimi , S Salehi, RM. Ghanaiee, M Hassas Yeganeh , et. al. Open Access Rheumatol 2020 Aug 26;12:187-192.doi: 10.2147/OARRR.S255138. eCollection 2020

Development of a Novel Scoring System for Comprehensive COVID-19 Patient Evaluation: An Evidence-Based Systematic Review

A Karimi, RM Ghanaiee, MR Masjedi, SA Fahimzad, SR Tabatabaei, SH Armin, et al. Arch Pediatr Infect Dis. 2020 .10(2):e117684.e110201. doi: 10.5812/pedinfect. 117684.

Prevalence of SARS-CoV-2 Specific Antibodies in the Staff of a Children's Hospital, in Tehran, Iran

Sh Armin , F Karbasian , S M Hoseinialfatemi , RM Ghanaiee , S Rafiei Tabatabaei , SA Fahimzad, et al. Jundishapur J Microbiol. 2020 September; 13(9):e108592. DOI: <https://doi.org/10.5812/jjm.108592>

Livestock Brucellosis: Frequency of Mutations Causing Resistance to Fluoroquinolone, Streptomycin and Rifampin

A Mirjavadi, A Karimi , L Azimi, RM Ghanaiee, AR Shamshiri, MTariverd. Archives of Pediatric Infectious Diseases: 8 (1); e83557 February 3, 2020
DOI: <https://doi.org/10.5812/pedinfect.83557>

Parvovirus B19 in Children with Juvenile Idiopathic Arthritis. R Shiari, F Shirvani, A Karimi, S Armin, A Fahimzad, R Mansour-Ghanaei, et al. Journal of Iranian Medical Council. June 2020. 3 (2), 68-72

An Algorithmic Approach to Management of COVID-19 Associated Multisystem Inflammatory Syndrome in Children

RM Ghanaiee, A. Karimi, Z Pourmoghad, Sh Armin, SA Fahimzad, F Fallah, et al. Arch Pediatr Infect Dis 2021, 9(1):e110479. doi: 10.5812/pedinfect.110479.

Life-threatening SARS-CoV-2 Infection in Children: A Single-center Case Series

SR STabatabaei , A Karimi , S Armin , SA Fahimzad , RM Ghanaiee , et al. Archives of Pediatric Infectious Diseases: 2021, Vol.10, issue 4; e107644. DOI: 10.5812/pedinfect.107644

Hospital-based prospective study of pertussis in infants and close contacts in Tehran, Iran

G. Noel, N.Lofti, S. Shahvalad, D. Tavel, SM. Zahraei, R.M. Ghanaiee , et al. BMC Infectious Diseases (2021) 21:586 <https://doi.org/10.1186/s12879-021-06266-6>

Renal Involvement in COVID-19 Among Iranian Children M. Mohkam, M. Mirzaee , F.

Abdollah Gorgi, S.Rafiei Tabatabaei, A. Karimi, Sh Armin, R. M. Ghanaiee, et al. Arch Pediatr Infect Dis. 2021. 9(1):e106597. doi: 10.5812/pedinfect.106597.

Pediatric with Gaucher Disease and Covid-19: Case Report of Uncommon Manifestation of Covid-19 in Chest Ct

M. Khalili, M. Gholamzadeh Baeis, H.Saneifard, R. M. Ghanaiee, B. SH Shamsian..Vis J Emerg Med. 2021 Jan; 22: 100966. Published online 2021 Jan 18. doi: 10.1016/j.visj.2021.100966

Iranian Pediatric COVID-19 Epidemiology and Clinical Characteristics Sh Armin, M Mirkarimi, Z. Pourmoghaddas, M. Tariverdi, A. Jafrasteh, N. Marhamati, A. Shirvani, A. Karimi, SR. Tabatabaei, R.M. Ghanaei, et al. Canadian Journal of Infectious Diseases and Medical Microbiology, 2021 Dec 15;2021:4914371.<https://doi.org/10.1155/2021/4914371>

Evaluation of Interleukin-2 to Detect Active and Latent Tuberculosis among Household Contacts of Pulmonary Tuberculosis Cases

A Jafrasteh, A Karimi, SM Hoseinialfatemi, L Azimi, P Tabarsi, M Nasehi,et al. Archives of Pediatric Infectious Diseases. 2021: 9 (2): e109398
DOI: <https://doi.org/10.5812/pedinfect.109398>

Development of a Novel Scoring System for Comprehensive COVID-19 Patient Evaluation: An Evidence-Based Systematic Review

A Karimi, R Mansour Ghanaie, MR Masjedi, SA Fahimzad Archives of Pediatric Infectious Diseases. 2021.9 (1), e110201

Three Probable Pediatrics COVID-19 Cases with Kawasaki-Like Disease: A Case Series with Follow-Up .S Rafiei Tabatabaei, A Karimi, H Rahimi, S Armin, SA Fahimzad. Archives of Pediatric Infectious Diseases. 2021Jan 31. 9(1):e104496.doi: 10.5812/pedinfect.104496.

Is alvarado score helpful for pediatrician in diagnosis of acute appendicitis? Our center experience SR Tabatabaei, A Karimi, M Nassiri, L Mohajerzadeh, S Armin, R MGHanaiee, et al. Arch Pediatr. 2021. 9 (3), e107774 DOI: <https://doi.org/10.5812/pedinfect.107774>

Life-threatening SARS-CoV-2 Infection in Children: A Single-center Case Series S Rafiei Tabatabaei, A Karimi, S Armin, SA Fahimzad,RM Ghanai. Archives of Pediatric Infectious

Diseases. Vol.10, issue 4; e107644 Published Online: May 16, 2021
DOI: 10.5812/pedinfest.107644

Intrauterine Growth Restriction with and without Pre-Eclampsia: Pregnancy Outcome and Placental Findings MM Ghanaei, SA Afzali, A Morady, RM Ghanaie, SM Asghari Ghalebin, E Rafiei, R Kabodmehri, J Obstet Gynecol Cancer Res 2022, 7(3): 177-185. 2022

A single-centered Cohort Study on Favipiravir safety and efficacy in pediatric patients with COVID-19 S Rafiei Tabatabaei, O Moradi, A Karimi, A Fahimzad, RM Ghanaiee, et.al. The Iranian Journal of Pharmaceutical Research (IJPR) 2022. Vol.21, issue 1; e127034. DOI: 10.22037/IJPR..116165.15738

Evidence-Based Prediction of COVID-19 Severity in Hospitalized Children Sh Armin, M Mirkarimi, Z Pourmoghaddas, M Tariverdi, A Shamsizadeh, M Alisamir, M Mohammadian, MM Rahmati, S Rafiei Tabatabaei, RM Ghanaiee, et al, Hindawi International Journal of Clinical Practice. 2022, Apr 9;2022:1918177. 7 pages <https://doi.org/10.1155/2022/1918177>

Household contact investigation for the detection of active tuberculosis and latent tuberculosis: a comprehensive evaluation in two high-burden provinces in Iran RM Ghanaiee, A Karimi, SM Hoseini-Alfatemi, JA Seddon, M Nasehi, P. Tabarsi, et al. New Microbes and New Infections, Volume 45, January 2022, 100958 <https://doi.org/10.1016/j.nmni.2022.100958>

Does Labor Affect Neonatal NRBC Count? MM Ghanaie, RM Ghanaiee, SM Asgari Galebin, SH Sharami, M Mohebalizade J Obstet Gynecol Cancer Res 2022, 7(1): 25-31

Sensorineural Hearing Loss and Hypothyroidism in A Patient with Cernunnos Deficiency; A Case Report. Y Farsi, M Hojabri, G Eslamian, BS Shamsian, RM Ghanaiee, Research Square, 10 Mar 2022 DOI: 10.21203/rs.3.rs-1398608/v1 PPR: PPR466867

Seroepidemiology of SARS-CoV-2 Among Asymptomatic Children in Tehran A Amirali, A Elikaei, RM Ghanaiee, I Boone, A Karimi, T Eckmanns, et al. sjsph 2022, 19(4): 413-422

Evaluate the Modified Carbapenem Inactivation Method for Phenotypic Detection of Carbapenemase Production Among Gram-Negative Bacteria

S Armin, A Karimi, M Alebouyeh, S R Tabatabaei, M Rajabnejad, R M Ghanaie. et al. Arch Pediatr Infect Dis. 2022 October; 10(4):e121814.

Assessment of Rotavirus in hospitalized children with diarrhea T Nazari, A Karimi , M Alebouyeh , R M Ghanaiee. Archives of Pediatric Infectious Diseases: 2022.11(1); e129829.

DOI: <https://doi.org/10.5812/pedinfect-129829>

<https://doi.org/10.5812/pedinfect-129829>

۱. مقایسه فراوانی عفونت سل نهفته در بین گروه‌های سنی افراد خانواده در تماس با بیمار مبتلا به سل ریوی در ایران رکسانا منصور قناعی، آرش مذهب، مهشید ناصحی، لیلا عظیمی، امیر بزی شاد، علی اکبر رجبلو، سیده مهسان حسینی الفاطمی. مجله دانشگاه علوم پزشکی مشهد دوره ۶۴، شماره ۶ - شماره پیاپی بهمن و اسفند ۱۴۰۰، ۶
10.22038/MJMS.2022.20132

Ecthyma Gangrenosum in Three Unrelated Patients with Combined Immunodeficiency A

Zahmatkesh, M Jamee, Z Chavoshzadeh, A Hajialigol, Abdollah Karimi, S Armin, RM Ghanaiee, et al. Journal of Clinical Pediatrics and Child Care Research. 2023. 4 (1): 04
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Acute Kidney Injury in Pediatric Patients with COVID-19; Clinical Features and Outcome

M Mohkam, M Mirzaee, M Jamee, FA Gorji, M Khalili, SR Tabatabaei, RM. Ghanaiee, et al. Iran J Kidney Dis ; 2023 01, 1(1): 20-27,.<https://doi.org/10.21203/rs.3.rs-850994/v1>

Intestinal colonization of vancomycin-resistant Enterococcus in children admitted to Mofid children's hospital intensive care unit at admission and at discharge

M Alebouyeh, F Shirvani , R Hassanzadeh , T Azimi , G Ghandchi , N Abdollahi, Z Gholinejad , A Behzad, Z Sheikhi, F Fallah, L Azimi, A Karimi, Sh Armin, RM. Ghanaiee. Mol Biol Rep. 2023 Apr;50(4):3271-3281. PMID: 36710317.DOI: 10.1007/s11033-022-08196-1

Antibiotic Susceptibility Patterns for Carbapenem-Resistant Enterobacteriaceae

S Armin, F Fallah, A Karimi, F Karbasiyan, M Alebouyeh, S R Tabatabaei, M Rajabnejad, R M Ghanaiee. et al. International Journal of Microbiology/2023. <https://doi.org/10.1155/2023/8920977>

Epidemiological data of national Kawasaki disease registry in Iran, 2007-2019

L Shahbaznejad, A Hosseininasab, L Mahboobi, H Mohammadi, H Esmaeili, S M Farrokhi Far, M R Alipour, I Sedighi, RM. Ghanaiee, et al. Front. Pediatr. 2023 Jan. 10:988371. doi: 10.3389/fped.2022.988371

Prevalence and Antimicrobial Resistance Patterns in ESKAPE Pathogens in Iran

L Azimi, F Fallah, A Karimi, F Shirvani, N Almasian Tehrani, Sh Armin, N Abdollahi, P Mobasseri, M Rajabnejad, R M Ghanaiee, et al. Arch Pediatr Infect Dis. 2023 January; 11(1):e129629. <https://doi.org/10.5812/pedinfect-129629>.

Seroepidemiological and Molecular Survey for the Detection of SARS-CoV-2 Infection among Children in Iran, September 2020 to June 2021: 1-Year Cross-Sectional Study

R Mansour Ghanaiee, I Boone, AR Shamshiri, A Karimi, Arezu Amirali, N Marhamati, et al. Microorganisms. 2023 Jun 27;11(7):1672. doi: 10.3390/microorganisms11071672.

Investigation of Clinical Manifestations and Laboratory Findings of COVID-19 During National Peaks of Alpha, Beta, Delta, and Omicron in the Pediatric Emergency Department of Mofid Children's Hospital, Tehran, Iran

N Esfahanian, F Shirvani, N Bazgir, A Karimi, SR Tabatabaei, R M Ghanaiee
Archives of Pediatric Infectious Diseases: Vol.11, issue 3; e134554
DOI: <https://doi.org/10.5812/pedinfect-134554>

Primary Carrier Status and Alteration in the Colonization of the Extended-Spectrum β -Lactamase Producing Enterobacteriaceae Among Children in Pediatric Intensive Care Unit During the Hospital Stay

Sh Ahmadipour Sereshkeh, SS Ahrabi, A Khosroabadi, RM. Ghanaiee, A Karimi, et al. Arch Pediatr Infect Dis. 2023 July; 11(3):e138044.

Assessment of early and post COVID-19 vaccination antibody response in healthcare workers: a multicentre cross-sectional study on inactivated, mRNA and vector-based vaccines

R M Ghanaiee, M Jamee, H Khodaei, A Shirvani, A Amirali, A Karimi, et al. *Epidemiology and Infection* 2023 Jan 5. 151, e12, 1–7 . <https://doi.org/10.1017/S0950268822001984>

Detection of Circulating Rotavirus Genotypes in Hospitalized Children ≤ 5 Years of Age with Acute Gastroenteritis

T Fallah, A Elikaei, R Mansour Ghanaie, A Karimi, I Sedighi, M Tariverdi, et al.
Iranian Journal of Epidemiology . 2023.19 (1), 73-87

Author response to: Letter to Editor in Response to Assessment of early and post COVID-19 vaccination antibody response in healthcare workers: a multicentre cross-sectional study on inactivated, mRNA and vector-based vaccines . RM Ghanaiee, M Alebouyeh

Epidemiology & Infection, 2023/3/22, 1-5

PMID: 36945869.DOI: 10.1017/S0950268823000407

Fecal carriage and enrichment of multidrug-resistant Enterococci among admitted children in a pediatric intensive care unit

F Shirvani, R Hassanzadeh, B Attaran, G Ghandchi, N Abdollahi, Rm Ghanaiee, et al. *BMC Pediatr* . 2023 Aug 30;23(1):434.

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Ecthyma Gangrenosum in Three Unrelated Patients with Combined Immunodeficiency

A Zahmatkesh, M Jamee, Z Chavoshzadeh, A Karimi, S Armin, R M Ghanaiee, et al.

Journal of Clinical Pediatrics and Child Care Research. January 23, 2023. 4 (1), 4-11

The first evidence of Seoul hantavirus, hepatitis E virus and rabies virus in *Rattus norvegicus* in Tehran, Iran

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In these projects co-operated with WHO& RKI I was as principal investigator:

- 1) **2012: A Survey on Rotavirus Associated Diarrhea in 5 Main Cities of Iran**
- 2) **WHO 2020: Multi-central study for frequency of Rota virus in children ≤ 5 years refer to hospitals with transudative diarrhea in Iran.**
- 3) **Robert Koch Institute 2022 : To determine the IgG level of SARS-COV19 in health care workers and children in hildren's hospitals in Tehranh (semi-Covich), GIARP**
- 4) **WHO 2023: Post-COVID-19 condition in children: a cross-sectional multicenter study in Iran (under publish)**

In these projects co-operated with WHO I was as co-investigator:

- 1) **2014: Cost-effectiveness analysis of the introduction of rotavirus vaccine in Iran**
- 2) **WHO 2014: Global Vaccine Safety Multi Country collaboration project measuring risks of early childhood morbid conditions and assessing standardized methods.**
- 3) **WHO 2017-18Enhancing global vaccine pharmacovigilance: Proof-of-concept study on aseptic meningitis and immune thrombocytopenic purpura following measles-mumps containing vaccination** (Hospital-based vaccine safety active surveillance system: proof of concept study on risk of aseptic meningitis and immune thrombocytopenic purpura following measles-mumps containing vaccination. Annual Meeting Of The European Society For Paediatric Infectious Diseases, Madrid, Spain , May 23-27, 2017. (As A Cooperator

Ongoing projects:

- Imaging findings in children suffering multisystemic inflammatory syndrome following COVID-19 submitted
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- Prioritization of Communicable Diseases in Iran for Public Health Surveillance: Toward preparedness against Pandemic X (under published)
- BCG vaccine side effects registration Data (under published)
- Covid Data bank data (under published)
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- Anti microbial usage and resistance in NCI in Mofid Children's Hospital

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