

Ali Akbar Heydari

Associate Professor Of Infectious Diseases

Mashhad University of Medical Sciences

جاوا به نیاز شما دیدن برای .شود می حفاظت spambots توسط ایمیل آدرس این \n
دارید اسکریپت

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Mashhad - Iran

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Research Interest

Education

General practitioner ; •
University of beheshti ,Tehran, 1991

Infectious Diseases specialist; •
University of beheshti ,Tehran, 1994

Research Interest

- Mathematics modeling of infectious dis.
- Elderly infections

Publications

Movahhede Danesh M.R. Ghazvini K. Urine PCR **Heydari A. A.,1.** .1
Evaluation to Diagnose Pulmonary Tuberculosis, Jundishapur Journal of
Microbiol. 7(3) ; 2014

valuation

erase Chain Reaction for

the Diagnosis of Tuberculosis. Medical Microbiology &Diagnosis. 2014, 3:2 3:e125.

2. .1

, and Heydari A., Mathematical **Heydari A.A.** Kamyad A.V., Akbari R., .2

Modeling of Transmission Dynamics and Optimal Control of Vaccination and
Treatment for Hepatitis B Virus, Computational and Mathematical Methods
in Medicine, (2014), 2014.

. Evaluation of **Heydari A.A**Movahhede Danesh M.R., Ghazvini K., .1
Antimicrobial Resistance of New Cases of Pulmonary Tuberculosis, in
Khorasan, Iran. J Med Bacteriol. 3(1, 2), 2014.

., Booryazadeh V., Zarifian A.R., Meshkat Z., **A.A Heydari**Naderi Nasab M., .1
Afzalaghahi M. Investigating Colonization of Staphylococcus Aureus Among
Patients Admitted to the Infectious Diseases Ward of Imam Hospital in
Mashhad J Med Bacteriol. 3(3), 2014.

., Nazari S. Mathematical modeling of **Heydari A.A** Khaligh J., Heydari A., .1
infectious disease and designing vaccination law for control of this
diseases, Journal of Advances in Mathematics. 9(5),2014

, Mohammadi K., Akhlaghi S., Arianpoor A. The Diagnostic **Heydari A.A.** .1

Value of H Formula to Predict Mortality in Hospitalized Patients with Infectious Diseases, *Advances in Infectious Diseases*, 4, 2014

1. Sarvghad M. R., Tayebi meybodi N., Safari H., Saremi E. and **Heydari A.A.** , Booriazadeh V. Lymphoma presenting as non-responding cellulitis *Medical Practice and Reviews* Vol. 4(3), 2013

1. Fata A. mojtabavi M. Chronic Cutaneous Mucormycosis In **Heydari A. A.** anImmune competent Female. *Iran Red Cres J.* 15(3) ; 2013

1. "Fuzzy Modeling and Control of **Heydari A.A.** Zarei H., Kamyad A. V., and HIV Infection," *Computational and Mathematical Methods in Medicine*, (2012);2012

1. M. R. Disseminated tuberculosis in a kidney [Sarvghad A.A.](#) [Heydari](#) transplant patient: Diagnostic significance of reversed circadian temperature rhythm. *International Journal of Mycobacteriology*. 2012;1(4)

Heydari

[Sepsis with Cutaneous Nodules, Due to](#) ., Mojtabavi M.**A.A**

. *Advances in infectious diseases*. 1(2), 2011,[seudomonas Aeruginosa](#)

1. Safari H., Sarvghad M.R., Isolated tricuspid valve **,A.Heydari A** endocarditis, *International Journal of Infectious Diseases* (13)3 ;2009

1. Ahmadi F., Sarvghad M.R., Safari H., Bajouri A., Saeidpour M. **,A.Heydari A** Hemophagocytosis and pulmonary involvement in brucellosis *International Journal of Infectious Diseases*: (11) 1; 2007

1. Chemotherapy in an HIV Model by **A.A . Heydari** , M. H. [Farahi](#) Heydari A, a pair of Optimal Control *International Journal of Applied Mathematics* 20;2007

- .1 Heydari A.A., Sarveghad M.R. Letter To the Editor(regarding tetanus) The American Journal of emergency medicine: 31(3);2006
- .1 Heydari A.A., Ahmadi N.A.,Mojtabavi M. A Prospective study of 42 Consecutive adult patients with Sub-Acute Aseptic Meningitis and [International Journal of Neurogeneratoin and](#) Meningoencephalitis, [Neuroprotection , 2 \(3\); 2006](#)
- .1 Heydari A.A., Farahi M. H , Optimal Control of Tuberculosis; [International Journal of Applied Mathematics 19 \(4\); 2006](#)
- .1 Heydari A.A., Taghavi M.R., An Encephalopathic Adolescent with Pulmonary Round Lesion. Shiraz E-Medical Journal:7(1); 2006

Publications In Persian

Heydari

1. Heydari A.A., Danesh M.R., Crimean Congo Hemorrhagic Fever in Khorasan Razavi Province of Iran. Medical Journal of Mashhad University of Medical Sciences ,56(2), 2013

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1. Heydari A.A., Ghazvini K., Mojtabavi M. Evaluation of blood Polymerase Chain Reaction method in the diagnosis of pulmonary tuberculosis. Journal of Birjand University of Medical Sciences. 19 (1) ; 2012

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1. Heydari A.A., et al. Pathology of SIRS, Sepsis, Severe Sepsis and Septic shock in hospitalized patients of infection department of Imam Reza Hospital. Journal of North Khorasan University of Medical Sciences ;4(3); 2012

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1. Heydari A.A., Bokhrai S., Mojtabavi M. , Heydari S., Determination of the reasons of the Anti Tuberculosis Drugs Cessation in the Patients, Khorasan, Iran. Medical Journal of Mashhad University of Medical Sciences. 52 (1);2009

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Abrahimi M., Seroprevalence of Bloodborn Viruses in Patients **A.A**
Admitted for Cardiac Catheterization in Northeast of Iran. Medical Journal of
Mashhad University of Medical Sciences 51(99); 2008

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Infection management of Chronic Vascular Ulcers. Medical Journal of Mashhad
University of Medical Sciences ,51(99); 2008

**7) Taghavi M.R., Hashemi J., Heydari A.A., Necessity of Brain Computed Tomography Scan
before Lumbar Puncture in Meningitis Patients with More than 60 Years Age Medical
Journal of Mashad University of Medical Sciences ,50, (95);2007**

Heydari

Nourzadeh N., Interferon plus lamivudin in **A.A**
Treatment of Chronic Hepatitis B Medical Journal of Mashad University of Medical
Sciences ,50 (83); 2007

Heydari

Abouli M.J., The relationship between Severity of the Systemic **A.A.**,
Inflammatory Response Syndrome (SIRS) and Its Etiology and Outcome .Medical
Journal of Mashhad University of Medical Sciences. 50(97); 2007

Heydari

Amadi N.A., Mojtabavi M. Epidemiology of Sub Acute Meningitis **A.A**
and Meningoencephalitis Medical Journal of Mashad University of Medical Sciences
49, (91); 2006

Heydari

Deri Nasab M., Malvandi H. Sarvghad M. R., Khaleghi N. **A.A**
Klebsiella Pneumonia Bacteremia Medical Journal of Mashad University of Medical
Sciences ,49(93); 2006

12) Rashed T., **Heydari**

, Ghazvini K., Faramarzi H., Sedighi K., Naderi H.R., **A.A**
Determination sensitivity to Penicillin in strains of Streptococcus Pneumonia in
Clinical Specimen in Imamreza Hospital. Mashad, Iran Medical Journal of Mashad
University of Medical Sciences ,48(88); 2005

Heydari

vghad M.R., Safari H., Report of 2 Cases of Crimean-Congo **A.A**
Hemorrhagic Fever Medical Journal of Mashad University of Medical Sciences 48,
(88);2005

BOOKS

1-(Autor) Aids and Health Care Workers, Mashad University of Medical Sciences
(MUMS) publications 1995

2-(Translator) Radiographic pictures of Tuberculosis Mashad University of Medical
Sciences (MUMS) publications 2005

3-(Editor) Manual of Childhood Infections, Ahvaz University of Medical Sciences
(AUMS) publications 2005

4- (Editor) Tuberculosis

Conferences (presentation)

5th European Congress of Chemotherapy and Infection, **Greece, 2003** .1

Global College of Neuroprotection and Neuroregeneration and GCNN, **Sweden 2005** .2

International Congress on Infectious Diseases ,Lisbon, **Portugal 12th** .3
2006

International Symposium on Optimization and Systems Biology (OSB) .4
2007), **Beijing,**

China, 2007

National Conference of brucellosis Tehran, **IRAN**, .5
2005

The first & second congress of mathematics and control theory in medicine .6

Mashhad, IRAN, 2007

Honors and Awards

2006 Best researcher of the Mashhad University of Medical Sciences (MUMS) •

Administrative Responsibilities

Vice Chancellor for Research, Research Center for Infection control & Hand Hygiene, Mashhad University of Medical Sciences (MUMS), Mashhad, IRAN. 2014-Present

Assistant director of Infectious dis dep. Imamrza Hospital - 1380 to 1383
chairman of the mortality subcommittee , Infectious dis dep. Imamrza Hospital -1383 to 1384

Expert of medical system

Chairman , Department of Infectious Dis. Hashemi Nzad Hospital mshhd 1376-

Evaluator of the of infectious diseases Dep.

Chairman, managers of Infectious dis Group: Birjand University of Medical Sciences-1374

Responsible for setting up the biomathematics in Mashhad University of Medical Sciences

Responsible for the training of general practitioners , Department of Infectious Diseases 1391-93

Thesis

- Unusual aspects of brucellosis
- AIDS and Health Care Worker

Thesis

- 1-Effectiveness of brain CT scan before CSF puncture in patients above 60 years of age with suspected meningitis.
- 2-Non-acute meningitis in patients admitted to Imam Reza Hospital (AS) from 2003/7/1 till 2004/1/3 .
- 3-MIC of penicillin for pneumococcal isolates in Imam Reza hospital in the year 2002.
- 4-MIC of co- trimoxazol for E coli by E test method in samples sent to the hospital laboratory of Imam Reza (AS) in 2004.
- 5-Clinical and laboratory study of patients with urinary tract infection with positive urine cultures and hospitalization in Imam Reza from January 2005 to July 2006 using disk diffusion.
- 6-Etiology of systemic inflammatory response syndrome, sepsis and severe sepsis in patients admitted to Imam Reza hospital from July 2006 till July 2008.
- 7-Diagnostic titers of Wright and 2ME tests in patients with suspected brucellosis referred to Imam Reza and Ghaem Hospital .

- 8-Colonization of *Staphylococcus aureus* in patients admitted to hospital of Imam Reza in 2007.
- 9-Value of blood PCR in the diagnosis of pulmonary tuberculosis, in patients hospitalized in the infectious disease ward of Imam Reza Hospital Mashhad .
- 10-Determining the relationship between the severity of systemic inflammatory response syndrome (SIRS) and its causes in patients referred to infectious disease ward of Imam Reza hospital.
- 11-Prevalence of hepatitis B, hepatitis C, HTLV-I and AIDS virus infection in Heart catheterized patients in southeast of IRAN.
- 12-Epidemiological characteristics of patients with positive blood culture for *Klebsiella pneumonia*.
- 13-Investigate the causes of treatment discontinuation in patients with pulmonary tuberculosis referred to the Health Center, Mashhad number 2 during 2003 to 2004