

# somayeh sadeghi

## Pulmonologist and Critical Care Specialist

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### Education

**Isfahan University of Medical School, Isfahan, Iran. General Practitioner**  
Jan 2000 – Jan 2006

**Isfahan University of Medical School, Isfahan, Iran. Internal Medicine**  
Sep 2007 – Sep 2011

**Shahid Beheshti University of Medical Sciences, Tehran, Iran. Pulmonary and Critical Care Medicine**  
Sep 2012 – Sep 2014

### Work Experience

#### Private Office

May 2021 – Present.

Sepehr building, Azadi square, Isfahan, Iran.

#### Assistant Professor of Pulmonology and Critical Care

##### Isfahan University of Medical Sciences

Dec 2014 – Present.

Hezar jerib street, Isfahan University of Medical Sciences

### Publications

#### Articles:

**Does the Prevalence of Hearing Impairment Differ in Children with Congenital Hypothyroidism and Healthy Children in Isfahan?** Salek M, Hashemipour M, Hashemi M, Hajrahimi M, Sadeghi S, Farajzadegan Z, et al. J Isfahan Med Sch. 2008;25(87):53–60.

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- Efficacy of plasmapheresis in neutropenic patients suffering from cytokine storm because of severe COVID-19 infection.** Sadeghi A, Sadeghi S, Peikar MS, Yazdi M, Sharifi M, Ghafel S, et al. *Blood Res.* 2023 Jun 30;58(2):91–8.
- The Impact of Simultaneous Td and HB Vaccination on HBS Antibody Titer in Dialysis Patients.** Shahrzad Shahidi, Namdari Ghareghani N, Mortazavi M, Sadeghi S, Reyhani H, Heydarian B. *J Isfahan Med Sch.* 2008;25(87):53–60.
- The evaluation of Tetanus-diphtheria (Td) vaccine impacts on immune response to hepatitis B (HB) vaccine in non-responder dialysis patients.** Shahidi S, Ghareghani NN, Mortazavi M, Sadeghi S, Adeli R. *J Res Med Sci.* 2011 May;16(5):598–604.
- The Effect of Bromocriptine on the Disease Activity Index in Patients with Rheumatoid Arthritis.** Salesi M, Sadeghi Haddadzavareh S, Nasri P, Namdari Gharaghani N, Farajzadegan Z. *J Isfahan Med Sch.* 2011;29(133):344–52.
- EFFICACY OF BROMOCRIPTINE IN PATIENTS WITH ACTIVE RHEUMATOID ARTHRITIS RECEIVING METHOTREXATE THERAPY.** Salesi M, Sadeghihaddadzavareh S, Nasri P, Namdarigharaghani N. *Eur J Intern Med.* 2011 Oct;22:S85.
- Hearing impairment in congenitally hypothyroid patients.** Hashemipour M, Hovsepian S, Hashemi M, Amini M, Kelishadi R, Sadeghi S. *Iran J Pediatr.* 2012 Mar;22(1):92–6.
- The role of bromocriptine in the treatment of patients with active rheumatoid arthritis.** Salesi M, Sadeghihaddadzavareh S, Nasri P, Namdarigharaghani N, Farajzadegan Z, Hajalikhani M. *Int J Rheum Dis.* 2013 Dec;16(6):662–6.
- Food allergy among Iranian children with inflammatory bowel disease: A preliminary report.** Imanzadeh F, Nasri P, Sadeghi S, Sayyari A, Dara N, Abdollah K, et al. *J Res Med Sci.* 2015;20(9):855.
- Comparison of Comfort and Effectiveness of Total Face Mask and Oronasal Mask in Noninvasive Positive Pressure Ventilation in Patients with Acute Respiratory Failure: A Clinical Trial.** Sadeghi S, Fakharian A, Nasri P, Kiani A. *Can Respir J.* 2017;2017:1–6.
- Assessment of Frequency Distribution and Risk Factors of Bronchiectasis in Patients Referred to Alzahra Hospital Affiliated to Isfahan University of Medical Sciences, Iran, during the Years 2017 and 2018.** Sherkat R, Sadeghi S, Mahdi A, Emami-Naeini A. *J Isfahan Med Sch.* 2018;36(493):997–1002.
- Diagnostic value of d-dimer in the diagnosis of pulmonary embolism in pregnancy. In: Pulmonary embolism.** Sadeghi S, Safaian B. *European Respiratory Society*; 2020. p. 3453.
- Review of COVID-19 Treatment.** Sadeghi S, Momenzadeh M, Nasri P, Nickpour M. *J Res Pharm Pract.* 2020;9(4):169–74.
- Fatal Invasive Pulmonary Aspergillosis in COVID-19 Patient with Acute Myeloid Leukemia in Iran.** Nasri E, Shoaie P, Vakili B, Mirhendi H, Sadeghi S, Hajiahmadi S, et al. *Mycopathologia.* 2020 Dec 3;185(6):1077–84.
- Diagnostic Value of D-dimer in Detecting Pulmonary Embolism in Patients with Acute COPD Exacerbation.** Sadeghi S, Emami Ardestani M, Raofi E, Jalaie Esfandabadi A. *Tanaffos.* 2020 Dec;19(4):371–9.
- Comparing the effect of a herbal-based laxative (Goleghand®) and polyethylene glycol on functional constipation among children: A**
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**randomized controlled trial.** Saneian H, Ghaedi S, Famouri F, Khademian M, Ahmadi N, Memarzadeh M, et al. *J Res Pharm Pract.* 2021;10(1):43.

**Diagnostic imaging to investigate pulmonary embolism in pregnancy using CT-Pulmonary angiography versus perfusion scan.** Sadeghi S, Arabi Z, Moradi M, Raofi E. *J Res Med Sci.* 2021;26(1):37.

**Component-Resolved Diagnosis of American Cockroach (*Periplaneta americana*) Allergy in Patients From Different Geographical Areas.** Wangorsch A, Jamin A, Eichhorn S, Pablos I, Sharma S, Schweidler B, et al. *Front Allergy.* 2021 Jun 29;2.

**Correction to: Risk factors associated with intensive care unit (ICU) admission and in-hospital death among adults hospitalized with COVID-19: a two-center retrospective observational study in tertiary care hospitals.** Shayganfar A, Sami R, Sadeghi S, Dehghan M, Khademi N, Rikhtehgaran R, et al. *Emerg Radiol.* 2021 Dec 11;28(6):1231–1231.

**Risk factors associated with intensive care unit (ICU) admission and in-hospital death among adults hospitalized with COVID-19: a two-center retrospective observational study in tertiary care hospitals.** Shayganfar A, Sami R, Sadeghi S, Dehghan M, Khademi N, Rikhtehgaran R, et al. *Emerg Radiol.* 2021 Aug 3;28(4):691–7.

**Does cosmetic rhinoplasty affect sleep quality and/or contribute to the development of obstructive sleep apnea?** Neshat S, Daneii P, Neshat N, Faridizad R, Raeisi S, Malakooti SM, et al. *CRANIO®.* 2021 Sep 12;1–6.

**New cut-off point for D-dimer in the diagnosis of pulmonary embolism during pregnancy.** Sadeghi S, Golshani M, Safaeian B. *Blood Res.* 2021 Sep 30;56(3):150–5.

**On-Admission versus In-Hospital Thromboembolism Due to COVID-19 Infection. What Is the Particular Characteristic of Those with Early Thrombotic Events?** Sadeghi S, Keivany E, Nasirian M, Nasri P. *Adv Respir Med.* 2021 Oct 13;89(5):484–92.

**Electrolyte imbalance in patients with COVID-19 pneumonia.** Sadeghi S, Keivany E, Naderi Z, Purajam S, Nasri E. *J Ren Inj Prev.* 2021 Oct 6;

**Comparative Evaluation between the LaxaPlus Barij® and Polyethylene Glycol (4000) in the Pediatric Functional Constipation in Children 2-15 Years Old.** Nasri P, Saeidi S, Saneian H, Famouri F, Sadeghi S, Kashani LMT, et al. *J Res Pharm Pract.* 2021;10(4):180–4.

**The demographic, clinical, and medical manifestations of pulmonary thromboembolism development in COVID-19.** Sadeghi S, Nasirian M, Keivany E, Nasri P, Mirenayat MS. *BLOOD Res.* 2021 Dec 31;56(4):293–300.

**Tisdale score successfully predict outcomes of QT-prolonging treatment in COVID-19 patients.** Naderi Z, Tajmirriahi M, Dolatshahi K, Hashemi H, Sadeghi S, Mansouri V, et al. *Immunopathol Persa.* 2021 Nov 19;

**Association of demographic variables and smoking habits with the severity of lung function in adult smokers.** Toghyani A, Sadeghi S. *J Res Med Sci.* 2022;27(1):18.

**The correlation between viral shedding duration and blood biomarkers in COVID-19-infected patients.** Sadeghi S, Nasri P, Nasri E, Solgi H, Nasirian M, Pourajam S, et al. *J Res Med Sci.* 2022;27(1):43.

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**Determining the diagnostic value of three clinical criteria Wells', YEARS and modified Geneva in pregnant women with suspected pulmonary thromboembolism.** Sadeghi S, Bahrami P, Kimiyae Far S, Arabi Z. *Am J Cardiovasc Dis.* 2022 Aug;12(4):240–6.

**On admission hemoglobin and albumin, as the two novel factors associated with thrombosis in COVID-19 pneumonia.** Sadeghi S, Nasri P, Nasirian M, Mirenayat MS, Toghyani A, Khaksar M, et al. *J Ren Inj Prev.* 2022 Feb 7;11(2):31957–31957.

**Evaluation of clinical outcomes, laboratory and imaging data of patients with solid tumor infected with COVID-19 infection.** Sadeghi S, Peikar M, Sadeghi E, Darakhshandeh A, Ghafel S, Aalinezhad M, et al. *Int J Biochem Mol Biol.* 2022;13(6):77–86.

**The effect of supplemental oxygen on 6-minute walk test in chronic obstructive pulmonary disease patients.** Ghiasi F, Sajjadfar F, Sadeghi S. *Immunopathol Persa h.* 2022 Feb;1–5.

**Myocarditis following AstraZeneca (an adenovirus vector vaccine) COVID-19 vaccination: A case report.** Hassanzadeh S, Sadeghi S, Mirdamadi A, Nematollahi A. *Clin Case Reports.* 2022 Apr 15;10(4).

**P398 COVID-19-associated pulmonary aspergillosis: Species distribution and susceptibility profiles.** Fakhim H, vaezi A, nasri E, Sadeghi S, Shelerangkon M, Rizi MH, et al. *Med Mycol.* 2022 Sep 20;60(Supplement\_1).

**COVID-19 in Children With Inflammatory Bowel Disease: A Systematic Review.** Nasri P, Sadeghi S, Hovsepian S, Chegini R, Soltani Esmaeili S, Kiani G. *J Pediatr Rev.* 2022 Oct 1;10(4):277–86.

**Thalidomide for the treatment of COVID-19 pneumonia: A randomized controlled clinical trial.** Amra B, Ashrafi F, Toriki M, Hashemi M, Shirzadi M, Soltaninejad F, et al. *Adv Biomed Res.* 2023;12(1):14.

**Efficacy of hydroxychloroquine in pre-exposure severe acute respiratory syndrome coronavirus 2 prophylaxis among high-risk healthcare workers: A multicenter study.** Nasri E, Fakhim H, Salahi M, Ghafel S, Pourajam S, Darakhshandeh A, et al. *Adv Biomed Res.* 2023;12(1):3.

**Bacterial Superinfection and Antibiotic Management in Patients with COVID-19 Admitted to Intensive Care Medicine in Central Iran: A Follow-Up Study.** Nokhodian Z, Rostami S, Zeraatei P, Rahimkhorasani M, Abbasi S, Sadeghi S. *Adv Biomed Res.* 2023;12:43.

**Ciliary and immune dysfunctions and their genetic background in patients with non-cystic fibrosis bronchiectasis in Central Iran.** Hassanzadeh S, Sadeghi S, Jafari M, Najafi S, Molavi N, Sherkat R. *Irish J Med Sci (1971 -).* 2023 Feb 7;192(1):277–83.

**Species distribution and susceptibility profiles of oral candidiasis in hematological malignancy and solid tumor patients.** Nasri E, Vaezi A, Falahatinejad M, Rizi MH, Sharifi M, Sadeghi S, et al. *Brazilian J Microbiol.* 2023 Mar 15;54(1):143–9.

**Molecular and microscopy detection of *Pneumocystis jirovecii* in hospitalized patients during the COVID-19 pandemic.** Matouri R, Aboutalebian S, Nasri E, Sadeghi S, Rostami S, Fakhim H, et al. *Front Med.* 2023 Apr 6;10.

**New-onset lung sarcoidosis, an adverse event by COVID-19 or a sign of convalescence; a case report.** Sadeghi S, Mobarakeh SR, Momenzadeh

M, Aria A, Heidarpour M, Ahmadi SH, et al. Clin Case Reports. 2023 May 10;11(5).

### **Books:**

Sadeghi S. (1st Pulmonology). In: **Internal Medicine Board**. Rahpuyan Sharif.

Nasri P, Sadeghi S. **Enteral Nutrition**. Irana Resaneh; 2016.

## **Conference Papers**

### **Case Discussion: A Patient with Malignant Pleural Effusion**

Prepared presented at the 1<sup>st</sup> international and 3<sup>rd</sup> national Congress of Lung Cancers and Interventional Pulmonology (ICLCIP), Isfahan University of Medical Sciences, 2018.

**Sadeghi S :Multiple lung and one myocardial hydatid cysts treated with Albendazole: A rare case report”** , The European Respiratory Society Virtual Congress , 7 September 2020.

**Sadeghi S, Reisizadeh Sh, Nasri P, Solgi H, Fakhim H, et al.Viral shedding duration from the nasopharynx of patients with covid-19. Virtual national conference of the Covid-19 research achievements of the country, Iran,2020**

**Somayeh Sadeghi, Bahareh Safaian :Diagnostic value of d-dimer in the diagnosis of pulmonary embolism in pregnancy, European Respiratory Journal 2020 56: 3453; DOI: 10.1183/13993003.congress-2020.3453**

## **Workshops and Conferences Participations**

### **MKSAP 16 Pulmonary and Critical Care Medicine**

American College of Physicians.

### **ERS International Congress**

European Respiratory Society. Sep 2017

### **Cardiopulmonary Exercise Test (CPET) Applications and Conductance**

MEC corporation in conjunction with OWLA Co Ltd. Oct 2015

### **3<sup>rd</sup> International Symposium on Respiratory Crossroads**

Respiratory Crossroads. Nov 2017

**ERS VIRTUAL CONGRESS 2020, 7 – 9 September 2020**

**Covid19 Day, ERS VIRTUAL CONGRESS 2020, 6 September 2020**

## **VOLUNTEER/SERVICE WORK**

**Scientific advisor of the treatment process of Covid-19.** Isfahan University of Medical Sciences. July 2021

**Supervisor of the COVID 19 Respiratory Clinic of Alzahra Hospital.** Isfahan University of Medical Sciences. July 2021

**Member of the Covid-19 Scientific Committee.** Isfahan University of Medical Sciences. August 2020

**Adulthood Cystic Fibrosis Selected specialist.** Isfahan University of Medical Sciences. November 2019- Present

**Member of the Respiratory Infections Committee of Infectious and Tropical Research Centers and Hospital Infections.** Isfahan University of Medical Sciences. September 2018- Present

**Member of the Residency Council of the Internal Medicine Group.** Isfahan University of Medical Sciences. April 2016- 2021

**Member of the Council of the Internee.** Isfahan University of Medical Sciences. February 2015- 2016

**Member of the Committee for improving the quality of documentation of medical records.** Isfahan University of Medical Sciences. February 2021- February 2022

**Member of the investigating committee of Adults death .** Isfahan University of Medical Sciences. May 2020- May 2022

**Member of the investigating committee of pregnant mother death causes.** Isfahan University of Medical Sciences. August 2020 - present

**Advisor Assistant professor.** July 2017- March 2018

**Education Development Office member.** Isfahan University of Medical Sciences. July 2017- March 2018

**Member of the Committee of advisors and teaching assistants.** Isfahan University of Medical Sciences. September 2017- September 2018

**Section Editor of the Journal of Isfahan Medical Department.** Isfahan University of Medical Sciences. October 2016- present

**Member of the Bone Marrow Transplantation Committee.** Isfahan University of Medical Sciences. November 2016- November 2018

**Member of the Research and Strategic Council of Acquired Immunodeficiency Research Center.** Isfahan University of Medical Sciences. March 2015- present

**NIV unit Setting up.** Isfahan University of Medical Sciences. 2015

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## ACHIEVEMENTS & AWARDS

2014: **First Rank**, Certification Examination of Iranian Board of Pulmonary diseases

2011: **Seventh Rank**, Certification Examination of Iranian Board of Internal medicine

2005: **Third Rank**, Certification Examination of Iranian Pre-internship test in *Isfahan University of Medical Sciences*

2000-2006: Member of **talented student office** in Isfahan University of Medical Sciences

## Research Interests

**Pulmonary vascular disease**  
**Airways diseases**  
**Sleep medicine**

## Language

**Persian**  
**English**

## Skills

Bronchoscopy

Polysomnography

Pulmonary Function Test

Non invasive ventilation

Respiratory diseases in connective tissue diseases and

Neuromuscular diseases