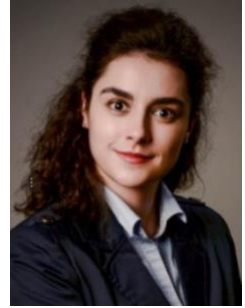


CURRICULUM VITAE



General Information:

Aida Mujaković MD, PhD, pulmonary medicine specialist
Date of birth: 16/01/1984
Address: Grbavička 11, 71000 Sarajevo
Mobile: +387 61/572491;
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Current position:

1. Pulmonary medicine specialist at Intensive Care Medicine subspecialty training
2. Pulmonary medicine specialist in General Hospital „Prim.Dr.Abdulah Nakaš“, Sarajevo, B&H
3. Senior teaching assistant in Pathophysiology, Sarajevo Medical School, SSST

1. RESEARCH INTEREST

Overall professional research interest implies clinical medicine with emphasis on pulmonary medicine and its application in intensive care setting. Being able to apply and thoroughly understand pathophysiological mechanisms of different pathological entities opens up more clear view on a disease itself. Application of pulmonary medicine knowledge and its pathophysiological mechanisms in every day medical practice will improve and modify the approach to a patient daily care.

2. EDUCATION

September 20th, 2023

Institution: Faculty of Medicine University of Sarajevo;

Degree: Doctor of Philosophy / Defended doctoral thesis: "Efficacy of respiratory insufficiency treatment in patients with chronic obstructive pulmonary disease by application of two different modes of noninvasive mechanical ventilation"

Professional orientation – Biomedicine and Healthcare

September 2016 – September 2023

Institution: Faculty of Medicine University of Sarajevo;

Position: PhD student of Faculty of Medicine University of Sarajevo

Professional orientation – Biomedicine and Healthcare

September 5th, 2014

Institution: Faculty of Medicine University of Sarajevo;

Degree: Master of Science in Clinical Medicine – "Results of biochemical analysis and clinical characteristics of pleural punctate in different pathological conditions"

December 2010 – September 2014

Institution: Faculty of Medicine University of Sarajevo;

Position: Postgraduate student of Faculty of Medicine University of Sarajevo

Professional Orientation - Clinical skills

September 2003 - September 2009

Institution: Faculty of Medicine University of Sarajevo;

Degree: Graduate student of Faculty of Medicine University of Sarajevo

3. WORK EXPERIENCE

February 2022- present time

Position: Subspecialty training in Intensive Care Medicine at University Clinical Center Tuzla, B&H

August 2019-present time

Position: Pulmonary medicine specialist in General Hospital „Prim.Dr Abdulah Nakaš“, Sarajevo, B&H

2013- 2019

Position: MD on Residency training in Pulmonary medicine in General hospital „Prim.Dr Abdulah Nakaš“, Sarajevo

July 2012-July 2013; December 2010-November 2011

Position: MD in Primary health care ambulatory service

4. TEACHING EXPERIENCE

February 2024- present time

Position: Senior teaching assistant in Pathophysiology, Sarajevo Medical School, SSST

March 2019- February 2024

Position: Senior teaching assistant in Pathophysiology, Sarajevo Medical School, SSST

September 2016 – January 2019

Position: Expert in practice in Pathophysiology, Sarajevo Medical School, SSST

September 2015-September 2019

Position: Senior teaching assistant in Anatomy, Sarajevo Medical School, SSST

5. PROFESSIONAL DEVELOPMENT

Continuous medical education (CME), participation in courses and trainings in intensive care medicine, pulmonary medicine, cardiology, infectious diseases (recent prior seven-year list):

- Exceptional Patient Centered Critical Care: The CERTAIN Program (Checklist for Early Recognition and Treatment of Acute Illness and Injury), Mayo Clinic School of Continuous Professional Development, April 1, 2021 - April 1, 2022, Online participation
- Difficult Airway Management Course participant, Symposium on Intensive Care Medicine; „13th BHAAAS Days in B&H-Sarajevo 2022“
- Interventional Pulmonology Course participant, University Clinic Of Respiratory and Allergic Diseases Golnik, 5-6 September 2019, Slovenia
- Active participant of two month Bronchoscopy training, University Clinic Of Respiratory and Allergic Diseases Golnik, September - October 2019, Slovenia
- Active participant of Summer School of Ultrasound; 10-14 September 2018 in Rijeka, Croatia
- Selected Participant of ERS Course on Pulmonary hypertension and pulmonary vascular disease; 31 May-2 June 2018 in Lausanne, Switzerland.

6. FUNDED PROJECTS

1. Name of the Funding Agency: General Hospital „Prim.Dr Abdulah Nakaš“

Title of the Project: Efficacy of application of nebulized unfractionized heparin (UFH) in treatment of hospitalized patients with COVID-19

Type of clinical research: Pilot study

Role in a project: Principal investigator

2. Name of the Funding agency: Mayo Clinic; Rochester, Minnesota

Title of the project: CERTAIN Checklist for Early Recognition and Treatment of Acute Illness and Injury

ID number: Mayo Clinic IRB: 12-007998;

ClinicalTrials.gov: NCT01973829

ClinicalTrials.gov

Identifier: NCT02039297

Role in a project: Collaborator

7. FOREIGN LANGUAGES

English language - Advanced (VI)

German language - Level B 1.2

8. PUBLICATIONS

Original scientific papers

1. Lund LH, Crespo-Leiro MG, Laroche C, Garcia-Pinilla JM, Bennis A, Vataman EB, et al. Among Collaborators: Mujakovic A; ESC EORP HF III National Leaders and Investigators. Rationale and Design of the ESC Heart Failure III Registry - Implementation and Discovery. *Eur J Heart Fail*. 2023 Nov 21. doi: 10.1002/ejhf.3087. Epub ahead of print. PMID: 37990135.
2. Mujaković A, Paralija B, Prnjavorac B, Leparo O, Fajkić A, Begić E, et al. Parameters in predicting the risk of a prolonged hospital stay in patients with acute exacerbation of chronic obstructive pulmonary disease: a single-centre experience. *Med Glas (Zenica)*. 2023 Feb 1;20(1). doi: 10.17392/1514-22. Epub ahead of print. PMID: 36435996.
3. Fajkić A, Leparo O, Dervišević A, Kurtović A, Džubur A, Ejubović M, Đozić A, Mujaković A, Jahić R. Relationship between Adipocytokines, Nontraditional Anthropometric Indices and Coronary Heart Disease Risk in Diabetic Patients. *Curr Health Sci J*. 2022 Oct-Dec;48(4):365-372. doi: 10.12865/CHSJ.48.04.01. Epub 2022 Dec 31. PMID: 37304801; PMCID: PMC10248484.
4. Mujaković A, Kovačević T, Begić E, Fajkić A, Barić G, Jamakosmanović A, et al. High Flow Nasal Cannula Versus Noninvasive Positive Pressure Ventilation as Initial Respiratory Support in Patients with Chronic Obstructive Pulmonary Disease and Covid-19: Exploratory Analysis in Two Intensive Care Units. *Acta Med Acad*. 2022 Dec;51(3):199-208. doi: 10.5644/ama2006-124.389. Epub 2022 Dec 15. PMID: 36799312; PMCID: PMC10116172.
5. Sofic A, Cizmic M, Beslagic E, Becirevic M, Mujakovic A, Husic – Selimovic A et al. Brixia Chest X-ray Severity Scoring System is in Relation with C-reactive Protein and D-dimer Values in Patients with COVID-19. *Mater Sociomed*. 2022 Jun; 34(2): 95-99.
6. Mujaković A, Paralija B, Leparo O, Fajkić A, Kurtović A, Prnjavorac B, et al. Can neutrophil-to-lymphocyte ratio and proatherogenic risk factors improve the accuracy of pneumonia severity index in the prediction of community acquired pneumonia outcome in healthy individuals? *Med Glas (Zenica)*. 2022 Aug 1;19(2). doi: 10.17392/1464-22. Epub ahead of print. PMID: 35633123.

7. Kadić F, Begić E, Pašić M, Gavrankapetanović A, Mujaković A, Pidro A, et al. Arterial Hypertension in Patients with COVID-19 - Neural Network Model. *Acta Inform Med*. 2022 Mar 30(1): 25-28.
8. Prnjavorac B, Mujaković A, Prnjavorac L, Bego T, Jusufović E, Begić E, et al. Chest x-ray resolution after SARS-CoV-2 infection. *Med Glas (Zenica)*. 2021 Aug 1;18(2):370-377.
9. Grbic K, Mujakovic A, Lepara O, Lepara Z, Begic E, Krupic F. Biomarker potential of preoperative tumor size in determination of the lymphovascular invasion in squamous cell lung cancer and lung adenocarcinoma. *Int J App Basic Med Res* 2021;11:95-9.
10. Zvizdic F, Begic E, Mujakovic A, Hodzic E, Prnjavorac B, Bedak O, Custovic F, Bradaric H, Durak-Nalbantic A. Beta-blocker Use in Moderate and Severe Chronic Obstructive Pulmonary Disease. *Med Arch*. 2019 Apr;73(2):72-75.
11. Mujaković A, Muhić-Skalonja T, Hamzić S, Stevanović D. Correlation between cytological findings and etiological factor of pleural effusion origin in different pathological conditions. *Respiratio*. 2016; 6(1-2):183-189.
12. Ćorić A, Resić H, Čelik D, Mašnić F, Ajanović S, Prohić N, Bećiragić A, Groša E, Smajlović A, Mujaković A. Mortality in Hemodialysis Patients Over 65 Years of Age. *Mater Sociomed*. 2015 Apr; 27(2):91-94.
13. Macić-Džanković A, Mujaković A, Čelik D, Vukotić E, Džanković F, Hamzić S et al. Metabolic syndrome as independent predictor of respiratory complications after abdominal surgery. *Folia Medica*. 2014;49(2):116-121.
14. Vavra-Hadžiahmetović N, Čelik D, Kadić A, Vrabac Dž, Mujaković A. Types and Frequency of Medical Complications during Stroke Rehabilitation. *Medicinski žurnal* 2013; 19(2):89-9.
15. Radjo I, Talovic A, Solakovic E, Kudumovic A, Mujaković A, Čelik D. Effects of static and dynamic training on the cardiovascular system. *HealthMED*. 2011; 5 (4):965-970.
16. Avdic D, Omerovic Đ, Čelik D, Mujaković A. Screening of developmental displacement of the hip by using ultrasound examination with timely application of adequate therapy. *Medical Journal*. 2011; 17(1):56-61.
17. Rašić S, Hadžović-Džuvo A, Rebić D, Unčanin S, Hadžić A, Mujaković A, Kulenović I. The metabolic syndrome in patients on peritoneal dialysis: Prevalence and influence on cardiovascular morbidity. *Bosnian Journal of Basic Medical Sciences*. 2010;10 (Suppl 1):S6-S7.
18. Rebić D, Rašić S, Unčanin S, Džemidžić J, Muslimović A, Čatović A, Mujaković A. The influence of risk factors in remodelling carotid arteries in patients undergoing peritoneal dialysis. *Bosnian Journal of Basic Medical Sciences*. 2010;10 (Suppl 1):S79- 82.
19. Masić I, Mujaković A. Register of Oncological Diseases in Canton Sarajevo. *Acta Informatica Medica*. 2009;17(2):79-80.

Review articles

1. Aziri B, Begic E, Jankovic S, Mladenovic Z, Stanetic B, Kovacevic-Preradovic T, Igllica A, Mujakovic A. Systematic review of sodium-glucose cotransporter 2 inhibitors: a hopeful prospect in tackling heart failure-related events. *ESC Heart Fail*. 2023 Jun;10(3):1499-1530. doi: 10.1002/ehf2.14355. Epub 2023 Mar 26. PMID: 36967133; PMCID: PMC10192234.
2. Gavrilovic S, Andrijevic A, Mujakovic A, Odeyemi Y, Paraliija B, Gajic O. Adjunct corticosteroid treatment in patients with pneumonia: A precision medicine approach. *Bosn J Basic Med Sci*. 2019 Jan 12. doi: 10.17305/bjbms.2019.3977.
3. Karahmet E, Prnjavorac B, Sejranic A, Karahmet E, Mujakovic A et al. Does the Choice of Treatment of Diabetes Mellitus Change Natural Course of Alzheimer Disease? *J Alzheimers Dis Parkinsonism* 2018; 8: 415. doi: 10.4172/2161-0460.1000415
4. Mujakovic A, Čustović F, Oglečevac B. Evaluation of preoperative pulmonary and cardiac risk for noncardiothoracic surgery. *Respiratio*. 2017;7 (1-2): 151-159.
5. Igllica A, Aganović K, Mujaković A, Godinjak A, Jusufović S, Tančica I et al. Definition of Sepsis through History – *Respiratio*. 2016; 6 (1-2): 351-354

Conferences

1. Mujaković A. ARDS phenotypes. National Lung Health Conference. 6-10th March, 2024, Antalya, Turkey
2. Mujaković A. ARDS- ICU Challenging Diagnosis. Lung Health Conference. 17-18th November, 2023, Sarajevo, B&H
3. Mujaković A. Use of HFNC and NIV in respiratory failure treatment. Proceedings of 14th BH-International Symposium in Pulmonary Medicine; 2023 June; Tuzla, B&H
4. Mujaković A. How to deal with ARDS? Proceedings of 14th BH-ICU Symposium on Anesthesiology, Perioperative Medicine and Intensive Care Medicine; 2023 June; Tuzla, B&H
5. Mujaković A. „ICS+LABA is obsolete treatment for patients with COPD“. Expert Meeting „Pliva Respi Academy“. Mar 17-19, 2023. Split, B&H
6. Mujaković A. „What is on horizon? Opportunities for digital inhalers“, Expert Meeting „Pliva Respi Academy“. Sep 16-18, 2022. Jahorina, B&H
7. Mujaković A. Treatment of patients with COVID-19 in ICU with specific overview on ARDS. Expert Meeting „Najbolja praksa pulmologa u vezi sa COVID-19“. Feb 24, 2022. Sarajevo, B&H
8. Mujaković A. Treatment of COPD in B&H. Expert Meeting „Pliva Respi Academy“. Avg 2021. Vitez, B&H
9. Mujaković A. Chest X ray resolution after SARS CoV2 infection-one center experience. Proceedings of 12th BH-ICU Symposium on Intensive Care Medicine; 2021 June; Mostar, B&H

10. Mujaković A. COPD in era of COVID-19 -*Case study*. Proceedings of 12th BH-ICU Symposium on Intensive Care Medicine; 2021 June; Mostar, B&H
11. Mujaković A., Čustović F, Oglečevac B. Evaluation of preoperative pulmonary and cardiac risk for noncardiothoracic surgery. Proceedings of 9th BH-ICU Symposium on Intensive Care Medicine; 2017 May 26th; Banja Luka, B&H
12. Mujaković A. Updates on diagnosis and treatment of acute onset of pulmonary embolism in hemodynamically unstable patients. Proceedings of 8th BH-ICU Symposium on Intensive Care Medicine; 2016 May 27th; Neum, B&H

Abstracts and poster presentations

1. Prnjavorac L, Prnjavorac B, Mehmedović A, Mujaković A., Tamer B, Malenica M, et al. Inflammation, proteolysis and inappropriate complement activation in pathogenesis of COVID-19 infection. *Conference of Biochemists and Molecular Biologists in B&H*, May 18-20, 2023
2. Muhić-Skalonja T, Skalonja M, Čustović F, Gušo E, Kurtović A, Amidžić A, Hamzić S, Mujaković A. The comparison of computer tomography and heart ultrasound parameters in the diagnosis of pulmonary hypertension in patients with chronic obstructive pulmonary disease – single center experience. *14th BHAAAS Days, Tuzla, B&H 2023.*
3. Skalonja M, Gušo M, Muhić-Skalonja T, Kurtović A, Čustović F, Amidžić A, Mujaković A. The use of computed tomography and ventilation/perfusion spect in quantification of ventilation heterogeneity in patients with chronic obstructive pulmonary disease-are we ready for the new approach? *14th BHAAAS Days, Tuzla, B&H 2023.*
4. Jamakosmanović A, Mujaković A. The etiology of chest pain and dyspnea in an ICU patient diagnosed with COVID-19- a case report. IX Congress of cardiologist in B&H with international participation. 13-16 Oct 2022. Sarajevo, B&H
5. Prnjavorac B, Mujakovic A., Prnjavorac L, Mehić J, Bedak O, Tamer B, et al. Time for recovery of function of alveolo-capillary membrane after COVID 19 infections. *ERS International Congress.* 4-6 Sep 2022. Barcelona, Spain
6. Prnjavorac B, Mujakovic A., Prnjavorac L, Mehić J, Bedak O, Tamer B, et al. Dynamic changes of IL-6 blood level during COVID-19 infection”. *EAACI Annual Congress.* 1-3 July 2022, Prague Czech Republic
7. Zec S, Bogojevic M, Li H, Spahalic M, Mujakovic A., Kovacevic P, Straus S, Gajic O, Dong Y, Niven A. A Global Remote Quality Improvement Initiative: Needs Assessment Amongst a Group of Balkan Critical Care Providers. *Chest Congress 2021.* 17-24 June 2021, USA
8. Prnjavorac B, Prnjavorac L, Jusufović E, Mujaković A., Šaranović L, Begić E, Hodžić E, Bego T. Analysis of microbiological colonization in COPD patients with or without bronchiectasis. *European Respiratory Journal* 2020; 56: Suppl. 64, 1281.

9. Prnjavorac B, Jusufović E, Prnjavorac L, Mujaković A, Begić E, Šaranović L, Occurrence of secondary pneumonias in patients with covid 19 interstitial pneumonias. *7th Slovenian pneumology, allergology and immunology congress 2020*.
10. Prnjavorac B, Jusufovic E, Prnjavorac L, Prnjavorac I, Mutapcic M, Karahmet E, Mujakovic A, Šaranovic L. Efficacy of specific immunotherapy in fungal allergy. *Allergy*;2019; 74: Suppl.106, 695.
11. Prnjavorac B, Mujakovic A, Prnjavorac L, Šaranovic L, Mutapcic M, Bego T, Malenica M, Dujic T. Microbiological findings on skin specimens in patients with atopic eczema. *Allergy*; 2019;74: Suppl.106, 577.
12. Begić E, Mujaković A, Hodžić E, Prnjavorac B, Bedak O, Čustović F, Bradarić H, Čaušević M. The safety of beta-blocker use in chronic obstructive pulmonary disease. Abstract Book, *8th Pulmology days, Tešanj*, B&H 2019. 37-39
13. Begić E, Mandžuka M, Smajić E, Hodžić E, Igljica A, Mujaković A, Durak Nalbantić A. Software for assessment of bleeding risk scores in atrial fibrillation. *Cardiol Croat*. 2018;13(11-12):457. <https://doi.org/10.15836/ccar2018.457>
14. Paralija B, Mujaković A. Impact of diabetes mellitus on pulmonary tuberculosis clinical presentation and treatment outcomes. *ERS International Congress Paris*;15-19 September 2018
15. Prnjavorac B, Mujaković A, Šaranović L, Čaušević A, Malenica M, Dujčić T, et al. Does the number of exacerbations in asthma treated by immunotherapy with dermatophagoides is related to intensity of prick reactions? Poster session presented at XXXVI EAACI Annual Congress Munich; 26-30 May, 2018
16. Prnjavorac B, Mujaković A, Sejdinović R, et al. Ultrasound guided pleural punctures in diagnosis of recurrent pleural effusions. Poster session presented at Congress of Radiology; 2017 Sep 29th-Oct 1st; Sarajevo, B&H
17. Unčanin S, Rašić I, Mujaković A, Rašić S, Rebić D, Džemidžić J, et al. Comparing Interleukin-6 In Peritoneal Dialysis Effluent In The First Year And In Long Term Continuous Ambulatory Peritoneal Dialysis Patients. Poster session presented at 13th Congress of the Balkan Cities Association of Nephrology, Dialysis, Transplantation and Artificial Organs BANTAO; 2017 Oct 4th- Oct 8th; Sarajevo, B&H
18. Mujaković-Čelik A, Stevanović D, Agić S, Muhić-Skalonja T. Results of biochemical analysis and clinical characteristics of pleural punctate in different pathological conditions. Poster session presented at 4th Congress of Respiratory Medicine; 2015 Oct 15-18; Novi Sad, Serbia

Case reports

1. Čehajić A, Mačkić D, Džambasović E, Čustović F, Mujaković A, Tucaković N. Gastric antral vascular ectasia: a case report. *Journal of Health Sciences*. 2014; 4(2):130

Books/Handbooks/Guidelines

1. Mujaković A, Prnjavorac B. Hronična opstruktivna plućna bolest. In: Damir Šečić et al. *Klinička patofiziologija I*. Sarajevo, 2022, ISBN 978-9926-455-26-2
2. Mujaković A, Prnjavorac B. Karcinom pluća. In: Damir Šečić et al. *Klinička patofiziologija I*. Sarajevo, 2022, ISBN 978-9926-455-26-2
3. Prnjavorac B, Mujaković A. Osteoporoza. In: Damir Šečić et al. *Klinička patofiziologija I*. Sarajevo, 2022, ISBN 978-9926-455-26-2
4. Mujaković A, Prnjavorac B. Blood Coagulation system. In: Edin Begić, Aida Mujakovic, Besim Prnjavorac, Enisa Hodzic, Zijo Begić, Mirsada Čaušević. *Principles of Anticoagulant Therapy (With an Introduction to Pharmacogenetics of Warfarin)*. Sarajevo 2019, ISBN 978-9958-1935-5-2
5. Karamehić J, Tabaković M, Izetbegović S, Mujaković A, Efendić R. *Imunosuppressive protocols*. In: Jasenko Karamehić, Sebija Izetbegović et al. Imunosupresivna terapija i njena primjena u transplantaciji organa. Sarajevo 2012, ISBN 978-9958-10-938-6
6. Izetbegović S, Karamehić J, Jukić T, Delić-Šarac M, Mujaković A. *Clinical Application of Imunosuppressive Agents*. In: Jasenko Karamehić, Sebija Izetbegović et al. Imunosupresivna terapija i njena primjena u transplantaciji organa. Sarajevo 2012, ISBN 978-9958-10-938-9
7. Izetbegovic S, Karamehić J, Mutevelić S, Delić-Šarac M, Mujaković A. *Living donor transplantation*. In: Jasenko Karamehić et al. Transplantacija bubrega i pankreasa – klinički aspekti i farmakoterapija. Sarajevo 2012, ISBN 978-9958-10-937-9