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elispiroska@yahoo.com

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Web of Science ResearcherID: [AAC-3225-2020](https://orcid.org/0000-0002-1736-9029)

Scopus Author ID: [33767574400](https://orcid.org/0000-0002-1736-9029)

Editor-in-Chief

[Mirko Zhivko Spiroski](#), MD, PhD. Scientific Foundation SPIROSKI, Rajko Zhinzifov No 48, 1000 Skopje, Republic of Macedonia

mspiroski@yahoo.com

ORCID iD: <https://orcid.org/0000-0001-5559-7981>

Web of Science ResearcherID: [F-7606-2012](https://orcid.org/0000-0001-5559-7981)

Scopus Author ID: [6602348069](https://orcid.org/0000-0001-5559-7981)

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sstoleski@yahoo.com

ORCID iD: <https://orcid.org/0000-0003-1278-903X>

Web of Science ResearcherID: [B-2304-2015](https://orcid.org/0000-0003-1278-903X)

Scopus Author ID: [9943962300](https://orcid.org/0000-0003-1278-903X)

Slavica Hristomanova-Mitkovska, MD, MSc. Institute of Human Genetics, University Medical Center Göttingen, Heinrich-Düker-Weg 12, 37079 Göttingen, Germany

cacka_h@yahoo.com

[ORCID iD: https://orcid.org/0000-0002-7770-5055](https://orcid.org/0000-0002-7770-5055)

[Web of Science ResearcherID: G-8801-2012](#)

[Scopus Author ID: 33767823700](#)

Igor Spiroski, MD. University Clinic of Cardiology, Faculty of Medicine, Ss Cyril and Methodius University of Skopje, Skopje, Republic of Macedonia

ispiroski@gmail.com

[ORCID iD: https://orcid.org/0000-0002-3448-0685](https://orcid.org/0000-0002-3448-0685)

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Ksenija Bogoeva-Kostovska, MD, PhD. PHO Prof Bogoev, Skopje, Republic of Macedonia

ksenijabogoeva@gmail.com

Sinisha Stojanovski, MD, PhD. Medical Faculty, Ss Cyril and Methodius University of Skopje, Skopje, Republic of Macedonia

sinisa.stojanoski@hotmail.com

[ORCID iD: https://orcid.org/0000-0002-4967-2102](https://orcid.org/0000-0002-4967-2102)

[Web of Science ResearcherID: AFL-9514-2022](#)

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Filip Koneski, Doctor of Dental Medicine, MSc. University Clinic for Maxillofacial Surgery in Skopje, Ss. Cyril and Methodius University of Skopje, Faculty of Dental Medicine, Skopje, Republic of Macedonia

dr.koneski@gmail.com

[ORCID iD: https://orcid.org/0000-0003-2412-7594](https://orcid.org/0000-0003-2412-7594)

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Aleksandar Iliev, Doctor of Dental Medicine, PhD. Department of Maxillofacial Surgery, Faculty of Dentistry, Ss Cyril and Methodius University of Skopje, Skopje, Republic of Macedonia

aleksandar.iliev@gmail.com

[ORCID iD: https://orcid.org/0000-0001-5348-9143](https://orcid.org/0000-0001-5348-9143)

[Web of Science ResearcherID: ACV-7553-2022](#)

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Layout Editor and Electronic Publishing

Ivo Spiroski, Eng, MSc. Scientific Foundation SPIROSKI, Rajko Zhinzifov No 48, 1000 Skopje, Republic of Macedonia

ivospiroski@gmail.com

ORCID iD: <https://orcid.org/0000-0003-4518-2138>

[Web of Science ResearcherID: F-2799-2014](https://www.researcherid.com/rid/F-2799-2014)

Prroduction Editor

Teodora Fildishevska. Scientific Foundation SPIROSKI, Skopje, Republic of North Macedonia

E-mail: teodora.fildishevska@sfsmdr.mk

ORCID iD: <https://orcid.org/0000-0003-1483-4789>

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nangelov@llu.edu

ORCID iD: <https://orcid.org/0000-0002-0800-2778>

Ramush Bejiqi, MD, PhD. University Clinical Centre of Kosovo, Paediatric Clinic, Kosovo

rbejiqi@hotmail.com

ORCID iD: <https://orcid.org/0000-0002-5580-4458>

Semra Ćavaljuga, MD, PhD. Department of Epidemiology and Biostatistics, Faculty of Medicine, Sarajevo, Bosnia and Herzegovina

scavaljuga@gmail.com

ORCID iD: <https://orcid.org/0000-0003-0370-9560>

Pei-Yi Chu, MD. Diagnostic and research pathologist, Department of Surgical Pathology, Changhua Christian Hospital, Taiwan. Address: 135 Nan-Shiao Street, Changhua 500-06,, Taiwan, Province of China

chupeiyi@yahoo.com.tw

ORCID iD: <https://orcid.org/0000-0001-7336-2465>

Ivo Donkov, MD, PhD. Staff Urologist, Lincoln County Hospital, United Kingdom

idonkov@hotmail.com

ORCID iD: <https://orcid.org/0009-0007-5669-8734>

Andrew J. Dwork, MD, PhD. Departments of Pathology and Cell Biology and Psychiatry, College of Physicians and Surgeons of Columbia University; Division of Molecular Imaging and Neuropathology, New York State Psychiatric Institute, Unit 62, 722 West 168th Street, New York, NY 10032, United States

ajd6@columbia.edu

ORCID iD: <https://orcid.org/0000-0002-9862-0384>

Adriana Galan, Department of Health Programmes and Health Promotion, Institute of Public Health, Bucharest, Romania

agalan@ispb.ro

Tania Santos Giani, MD, PhD. Estacio de Sa University, in Health Sciences, Brazil

tantiasantosgiani@gmail.com

ORCID iD: <https://orcid.org/0000-0002-1913-5090>

Iva Ivanovska, MD, PhD. Harvard Medical School, Department of Genetics, 77 Avenue Louis Pasteur, NRB room 239, Boston, MA 02115, United States

ivanovska@genetics.med.harvard.edu

ORCID iD: <https://orcid.org/0000-0002-0633-5333>

Jerzy Jablecki, MD, PhD. Division of General Surgery St. Jadwiga of Silesia Hospital, Trzebnica; Head, Subdepartment of Hand Surgery and Replantation St. Jadwiga of Silesia Hospital, Trzebnica; Professor, Department of Public Health, State Higher Professional Medical School, Opole, Poland. 55-100 Trzebnica, ul. Prusicka 53, Poland

jerzy.jablecki@interia.pl

ORCID iD: <https://orcid.org/0000-0002-9498-1051>

Mehrdad Jalalian Hosseini, MD, PhD. Khorasan-e Razavi Blood Center, Mashhad, Iran, Islamic Republic of

Mehrdad.medic@gmail.com

Radka Kaneva, PhD. Department of Medical Chemistry and Biochemistry, Medical University - Sofia, Bulgaria

kaneva64@yahoo.com

ORCID iD: <https://orcid.org/0000-0002-1437-1393>

Kostandina Leonida Korneti-Pekevaska, MD, PhD. Ss Cyril and Methodius University of Skopje, Faculty of Medicine, Skopje, Republic of Macedonia

kostandina_korneti@yahoo.com

Branko Malenica, MD, PhD. Department of Immunology, Clinical Hospital Center Zagreb, Zagreb University School of Medicine, Zagreb, Croatia

b_malenica@yahoo.com

Elida Mitevska, MD, PhD. Institute of Histology and Embriology, Faculty of Medicine, Ss Cyril and Methodius University of Skopje, Skopje, Republic of Macedonia

elida_mitevska@yahoo.com

ORCID iD: <https://orcid.org/0000-0001-7239-4609>

Marija Mostarica-Stojković, MD, PhD. Institute of Microbiology and Immunology, University of Belgrade School of Medicine, Belgrade, Serbia

mostarica@med.bg.ac.rs

ORCID iD: <https://orcid.org/0000-0001-7748-6051>

Vesna Nikolova-Krstevski, PhD. Harvard Institutes of Medicine, HIM-201, 4 Blackfan Circle, Boston, MA, 02134, United States

vnikolov@bidmc.harvard.edu

Nikola Panovski, MD, PhD. Institute of Microbiology and Parasitology, Faculty of Medicine, Skopje, Republic of Macedonia

n_panovski@yahoo.com

Iva Petkovska, MD, BIDMC. Beth Israel Deaconess Medical Center Radiology W CC - 3 330 Brookline Ave. Boston, MA 02215, United States

ipetkovs@bidmc.harvard.edu

ORCID iD: <https://orcid.org/0000-0002-4373-6494>

Gordana Petrusevska, MD, PhD. Institute of Pathology, Medical Faculty, Ss Cyril and Methodius University of Skopje, Skopje, Republic of Macedonia

gordanap61@yahoo.com

Enver Roshi, MD, PhD. Faculty of Public Health, Medical University of Tirane, Chief of Epidemiological Observatory, National Institute of Public Health. Address: Rruga e Dibres, Str. 371, Tirana, Albania

enviroshi@gmail.com

ORCID iD: <https://orcid.org/0000-0002-4257-7583>

Gorazd B. Rosoklija, MD, PhD. Professor at Columbia University and member of the Macedonian Academy of Sciences and Arts, United States

gbr2@columbia.edu

ORCID iD: <https://orcid.org/0000-0003-2711-1694>

Gianfranco Sinagra, MD, FESC. Department of Cardiology, "Ospedali Riuniti" and University of Trieste, Ospedale Cattinara - Strada di Fiume, 447, 34149 - Trieste, Italy

gianfranco.sinagra@aots.sanita.fvg.it

ORCID iD: <https://orcid.org/0000-0003-2700-8478>

Katarina Stavric, MD, PhD. Children Hospital Skopje, Macedonia, Ss Cyril and Methodius University of Skopje, Skopje, Republic of Macedonia

kstavric@hotmail.com

ORCID iD: <https://orcid.org/0000-0002-8319-4554>

Rumen Stefanov, MD, PhD. Information Centre for Rare Diseases and Orphan Drugs (ICRDOD), Bulgaria; Department of Social Medicine, Medical University of Plovdiv, Bulgaria

stefanov@raredis.org

ORCID iD: <https://orcid.org/0000-0003-3587-7278>

Milenko Tanasijevic, MD, MBA. Clinical Laboratories Division and Clinical Program Development, Pathology Department, Brigham and Women's Hospital, Dana Farber Cancer Institute, Associate Professor of Pathology, Harvard Medical School, United States

mtanasijevic@partners.org

ORCID iD: <https://orcid.org/0000-0001-6598-8281>

Kiril Trpkov, MD, FRCPC. University of Calgary, Department of Pathology and Laboratory Medicine, Calgary Laboratory Services. 7007 14 st, Calgary SW, Canada

kiril.trpkov@cls.ab.ca

ORCID iD: <https://orcid.org/0000-0003-3142-8846>

Igor Tulevski, MD, PhD. Department of Cardiology, Academic Medical Center, Amsterdam, 1100 DD, T 020 707 2930; F 020 707 2931, Netherlands

i.i.tulevski@amc.uva.nl

ORCID iD: <https://orcid.org/0000-0002-8507-1531>

Vesna Velikj-Stefanovska, MD, PhD. Department of Epidemiology and Biostatistics with Medical Informatics, Medical Faculty, UKIM, Skopje, Republic of Macedonia

vesnamia@t-home.mk

ORCID iD: <https://orcid.org/0000-0002-0908-0751>

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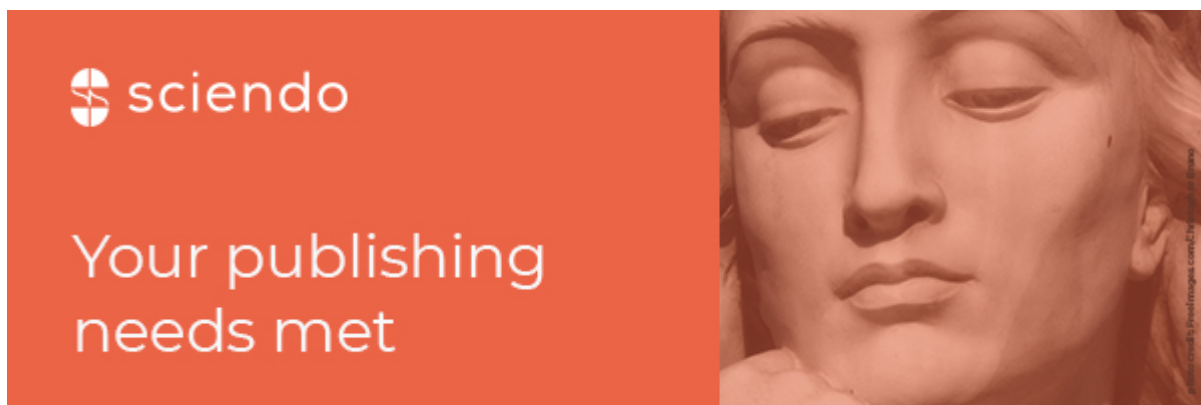
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Nine Maternal Mortalities in 2 Weeks of Second COVID-19 Surge in Indonesia: A Case Series from One Large Tertiary Center

Manggala Pasca Wardhana^{1,2,3} , Shabrina Avi Wulandari⁴ , Salsabila Nabilah Rifdah⁴ , Ifan A Aditiawarman Aditiawarman^{1,2} , Hermanto Tri Joewono^{1,2} , Erry Gumilar^{1,2,3} 

¹Department of Obstetrics and Gynaecology, Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia; ²Department of Obstetrics and Gynaecology, Academic dr. Soetomo General Hospital, Surabaya, Indonesia; ³Department of Obstetrics and Gynaecology, Universitas Airlangga, Surabaya, Indonesia; ⁴Faculty of Medicine, Universitas Airlangga, Surabaya, Indonesia

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***Correspondence:** Agus Sulistyono, Department of Obstetrics and Gynaecology, Faculty of Medicine, Universitas Airlangga/Dr. Soetomo General Academic Hospital, Surabaya, Indonesia.

E-mail: agus.sulistyono.unair@gmail.com

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Abstract

BACKGROUND: The fluctuating COVID-19 cases among the pregnant women and the increase in the number of cases and maternal mortality.

AIM: This research aimed to describe the case of maternal deaths caused by COVID-19.

CASE REPORT: We present nine serial cases of maternal death caused by COVID-19 at Soetomo General Academic Hospital for 14 days in June. We found 32 reported nine maternal deaths with a fatality rate of up to 28%. Seven of nine patients had COVID-19 confirmed SARS-CoV-2 infection, while two had not. All patients were ≥35 years old, and five of nine patients had Class I obesity as pre-pregnancy weight. The death of pregnant woman at their 2nd trimester and 3rd trimester presented with various symptoms are dyspnea, cough, fever, and decreased consciousness. Among eight patients showed bilateral pneumonia. Most of cases were reported during the period of overload hospital capacity. Three patients were directly transferred to the intensive care unit for treatment. Eight of 9 patients (88.9%) were transferred to intensive care unit for oxygen saturation.

CONCLUSION: In conclusion, the limited hospital facility and lack of intensive care unit during the second wave of the COVID-19 pandemic may enhance the number of pregnant women infected by COVID-19.

Introduction

Heretofore, the world is still encountering unprecedented global public health catastrophe triggered by the COVID-19 pandemic. While

affected populations, the number of cases with COVID-19 encountered mortality akin to the prior COVID-19 wave in India [3]. Another seven maternal mortalities occurred among infected by severe COVID-19