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Nota di contenuto	SARS-CoV-2 (COVID-19): Beginning to Understand a New Virus -- Neurological Complications of the COVID-19 Pandemic: What have we got so Far? -- Endothelial Dysfunction as a Primary Consequence of SARS-CoV-2 Infection -- A Review Study on the Neonatal Outcomes of Pregnant Women with COVID-19 -- Relationship between COVID-19 and Angiotensin-Converting Enzyme 2: A Scoping Review -- Experience in Nutrition Management of Diabetes-affected COVID-19 Patients -- Emerging Technologies for the Treatment of COVID-19 -- Obesity and risk of COVID-19 infection and severity: available evidence and mechanisms -- COVID-19 is an Endothelial Disease: Implications of Nitric Oxide -- Immune Response and Effectiveness of COVID-19 Therapies -- The Novel Coronavirus and Inflammation -- Does SARS-CoV-2 Threaten Male Fertility? -- COVID-19 and Vulnerable Populations in Sub-Saharan Africa: a Review -- Overview of the Haematological Effects of COVID-19 Infection -- The Novel Coronavirus and Haemostatic Abnormalities: Pathophysiology, Clinical Manifestations and Treatment Recommendations -- COVID-19 related laboratory analyte changes and the relationship between SARS-CoV-2 and HIV, TB and HbA1c in South Africa -- The Primary Outcomes, Epidemiological and Clinical Features of Coronavirus Disease-2019 (COVID-19) in Iran -- Acute Respiratory Distress Syndrome and COVID-19: A Scoping Review and Meta-Analysis -- Depression, Anxiety and

Stress Among Patients with COVID-19: A Cross-sectional Study -- Survey of Immediate Psychological Distress Levels among Health Care Workers in the COVID-19 Epidemic: A Cross-sectional Study -- Coronavirus (COVID-19)-Associated Psychological Distress Among Medical Students in Iran -- A Survey of Psychological Distress among the Community in the COVID-19 Epidemic: A Cross-Sectional Study -- Gender Susceptibility to COVID-19 Mortality: Androgens as the Usual Suspects? -- Identification, Monitoring and Prediction of Disease Severity in Patients with COVID-19 Pneumonia Based on Chest Computed Tomography Scans: a Retrospective Study -- The Level of Procalcitonin in Severe COVID-19 Patients: A Systematic Review and Meta-analysis -- A Systematic Review of 571 Pregnancies Affected by COVID-19 -- The 2019 Novel Coronavirus Disease in Pregnancy: A Systematic Review -- Acute Kidney Injury and Covid-19: a Scoping Review and Meta-analysis -- Cardiac Injury in COVID-19: A Systematic Review -- A Systematic Review of the Assessment of the Presence of SARS-CoV-2 in Human Semen -- Index.

Sommario/riassunto

The novel coronavirus 2019 (COVID-19) has caused a serious global pandemic in just eight months. Nearly every country and territory in the world has been affected by the virus. The virulence and infection rate of the virus are profound, and has required extreme social distancing measures across the globe in order to prevent overwhelming the healthcare services and hospitals. COVID-19 appears to have the greatest effects on elderly individuals and those who have co-morbid diseases, such as heart disease, asthma, and diabetes. As the peak begins to slow in many countries, the death rates remain high amidst justified fears of a second wave. A rapid worldwide mobilization has begun to identify effective treatments and develop vaccines. This new volume will increase readers' understanding of the ongoing COVID-19 pandemic through a series of chapters that address these concerns. Leading experts will discuss the effects of the virus in cases of co-morbidities, new treatment approaches, mental health aspects of the pandemic, and convey the results of survey studies. The book will be an excellent resource for researchers studying virology, metabolic diseases, respiratory disorders, and clinical scientists, physicians, drug companies, and healthcare services and workers.
