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Covid-19 pneumonia with acute pulmonary embolism in a morbidly Obese patient; at home dramatic reversal management- A case-report**Yasser Mohammed Hassanain Elsayed***Egyptian Ministry of Health (MOH), Egypt*

Rationale: A novel COVID-19 with severe acute respiratory syndrome rose in Wuhan, China in December 2019. Thromboembolism is a critical clinical entity commonly recognized sequel in COVID-19 patients. Interestingly, the presentation of COVID-19 infection with thromboembolism has a risk impact on both morbidity and mortality in COVID-19 patients. Morbid obesity may add over significant risk value in the presence of COVID-19 pneumonia with thromboembolism.

Patient concerns: A middle-aged housewife female COVID-19 morbid obese patient presented to the physician outpatient clinic with unilateral pneumonia and suspected acute pulmonary embolism.

Diagnosis: COVID-19 pneumonia with acute pulmonary embolism in morbid obesity. Interventions: CT pulmonary angiography, non-contrasted chest CT scan, electrocardiography, and oxygenation.

Outcomes: Dramatic of both clinical and radiological improvement had happened.

Lessons: The combination of morbid obesity, QTc prolongation with COVID-19 infection is an indicator of the over-risk of thromboembolism. It signifies the role of anticoagulants, antiplatelet, anti-infective drugs, and steroids in COVID-19 patients with unilateral pneumonia and acute pulmonary embolism in morbid obesity are effective therapies. The increasing dose of both low-molecular heparin and oral anticoagulant with a morbidly obese patient was reasonable. Keywords: Covid-19; coronavirus; pneumonia; thromboembolism; pulmonary embolism.

Biography

Yasser Mohammed Hassanain Elsayed, a scientist, critical care physician, cardiologist, and independent researcher at Egyptian Ministry of Health. Publicized articles; (134). Innovations (13); (3) "Signs", (4) "Phenomena", (1) "Modification", (1) "Maneuver", (1) "Method", (1) "Test" and (2) "Syndrome". Speaker (International conferences); (23). Reviewer; (239) articles for (80) Journals. Honorable editor; (270) Journals. International Conferences OCM; (9). Instructor; (8) official and (88) non-official. COVID-19 publicized articles; (41). Prizes nomination; Breakthrough Prize, Einstein Prize, Abdul Hameed Showman Award for Arab Researchers, and ESICM Awards. Excellence certificate (more than 125). The most famous articles are; 1. Wavy Triple an Electrocardiographic Sign (Yasser's Sign). 2. Wavy double an Electrocardiographic Sign (Yasser's Sign). 3. Graded Phenomenon (Yasser's Phenomenon). 4. Connected Aircraft Squadron Electrocardiographic Sign (Yasser's sign). 5. Electrocardiographic Passing Phenomenon (Flying Phenomenon or Yasser's Phenomenon). 6. Movable weaning off an electrocardiographic phenomenon (Yasser's phenomenon of hypocalcemia). 7. Yasser's COVID-19 Discrepancy phenomenon. 8. Yasser's Maneuver in the Psychogenic Coma. 9. Yasser's Modification or Oxygen test. 10. Three and One Method (Yasser's Method). 11. Yasser's Stressor Test (Fear and Calm Test). 12. Triphasic Yasser's Stressor Syndrome (Fear, Calm, and Fear Syndrome). 13. Right to Left Angina Yasser's Syndrome (Swinging Yasser's Central Heart Syndrome) or Dancing Yasser's Heart Syndrome.