

Case Report

Case Report on Myasthenia Gravis (1st Presentation) Sepsis with MODS (Multiple Organ Dysfunction Syndrome) with VAP (Ventilator Associated Pneumonia) Acute Exacerbation of Bronchial Asthama

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Abstract

A sepsis is a Systemic Inflammatory Response Syndrome which is also (SIRS) and caused by various factors like infectious or non-infectious factors. The fatality rate varies from 28%-56%. It can mainly develop into a septic shock and Multiple Organ Dysfunction Syndromes (MODS). If it is not treated timely manner it can cause the rate will increases 10 times more. Multiple organ dysfunction syndromes are also two or more of your body organ system is failing to support your body's needs such as metabolic, immunity, or physically. It is such an emergency situation or emergency without immediate treatment and life support. Can also cause traumatic injuries a severe infection.

Keywords: Multiple organ dysfunction syndrome; Myasthenia gravis; Ventilator associate pneumonia; Acute exacerbation of bronchial asthama

Introduction

Here we have a disease condition called multiple organ dysfunction syndromes [1]. In which a patient suffers from multiplicity organ failure from the body [2]. Were a patient also suffers from ventilator associated pneumonia [3]. And due to that the patient have were a patient also suffers from ventilator associated pneumonia were patient have both Asthama and pneumonia which is directly indicated toward more serious condition [4]. It is one of the rarest conditions found in a patient. Were people take care of their health, but one or two organ are already failed in a patient [5], then directly the patient have a higher risk of death.

One of the reasons among the youngsters and geriatric is organ failure [6], like kidney, heart, lungs, etc... which have different sign and symptom as well as causes some of them are alcohol, cigarettes smoking, drugs, unhealthy diet etc.

We're as the major cause is inflammatory disease or the infection eg., Acute inflammation, localized infection, trauma, severe illness,

infection, injury etc. [7]. Where there are many arrivals of sign and symptoms such as decrease in urine output, vital sign decreases, pale and pain present, respiratory deterioration etc [8].

This generally occurs at late stage of life but sometimes it can also occur in early age due to genetics and habitual life. The example of organ generally occurs such as in women Brest cancer or ovarian cancer 80%-95% where as in males there are mainly chances of getting into prostate cancer and oral cancer 50%-80%. Whereas this can be genetical. But in some cases such as lungs, kidney etc. These can spread through habitual consumption of alcohol, smoking cigarettes, tabaccos, etc.

Whereas pneumonia and Asthama is a respiratory tract infection normally occurs due to infection such as cough and cold, sneezing, communication, infected hands etc. Asthama occurs due to inflammation or infection. This results in muscles tightening.

Case Presentation

A 50 years old female lady came with the relatives to the EMD department with the complaint of weakness generalized, unconsciousness, breathlessness, difficulty in swallowing food, chest pain, Vomiting, arm and joint pains, nausea, cough and cold. Were various investigations were done and vital signs were taken bp: 150/90 mmhg, pulse: 100 b/m, temperature: 99.6 F, respiration: 24 b/m, KFT, LFT, ECG, CBC, Blood Gas Values, Chest X-ray, CAT, PAT, various investigations were done and it was somehow identified that she is dealing with the problem of myasthenia gravis, sepsis with mods (Multiple Organ Dysfunction Syndrome) and bronchial asthma. And then emergency shifted to the MICU (Medical Intensive Care Unit) for the further treatment of her. As she went under many more investigations and procedures, but still her condition was weak and highly chance of not getting medically stable. Many medications were provided to the patient during treatment like Inj. Amikacin, Inj. Levoflox, Inj. Lomoh, Inj. Linezolid, Inj. Opteneuron, Inj.

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Glycopyrolate, Tablet Azoran, Tab. Pyridostigmine, physiotherapy treatment, neurologically support, holistic care were also given.

The patient was so highly at risk that she can't even take food properly. Having difficulty in vision, breathlessness, etc. there was very less chances of survival but still her relatives were there with her during the treatment was given. Her relatives also support her encourage her (Figure 1).

Conclusion

The mods have approximately 40% to 50% of mortality rate. This is higher in United States of America where men have majority rate of suffering than women in country. Once the additional organ dysfunction occurs the 90% increases in mortality rate. Where it belongs to both genders/sex. The current situation of mods in India ranging from 1.5% in male to 2.3% in female. There is 4 degrees where patient can recover but very few some degrees only. This includes 1%-2% in 100. Where lungs are the most infected and first organ which gets affects during mods. Whereas the heart, liver, brain, kidney are the involved.

Components of mods. Myasthenia gravis rate particularly is 3.20-6 lakh. It depends on the facility of the hospital. This is rare because it is a long time condition of muscles weakening.

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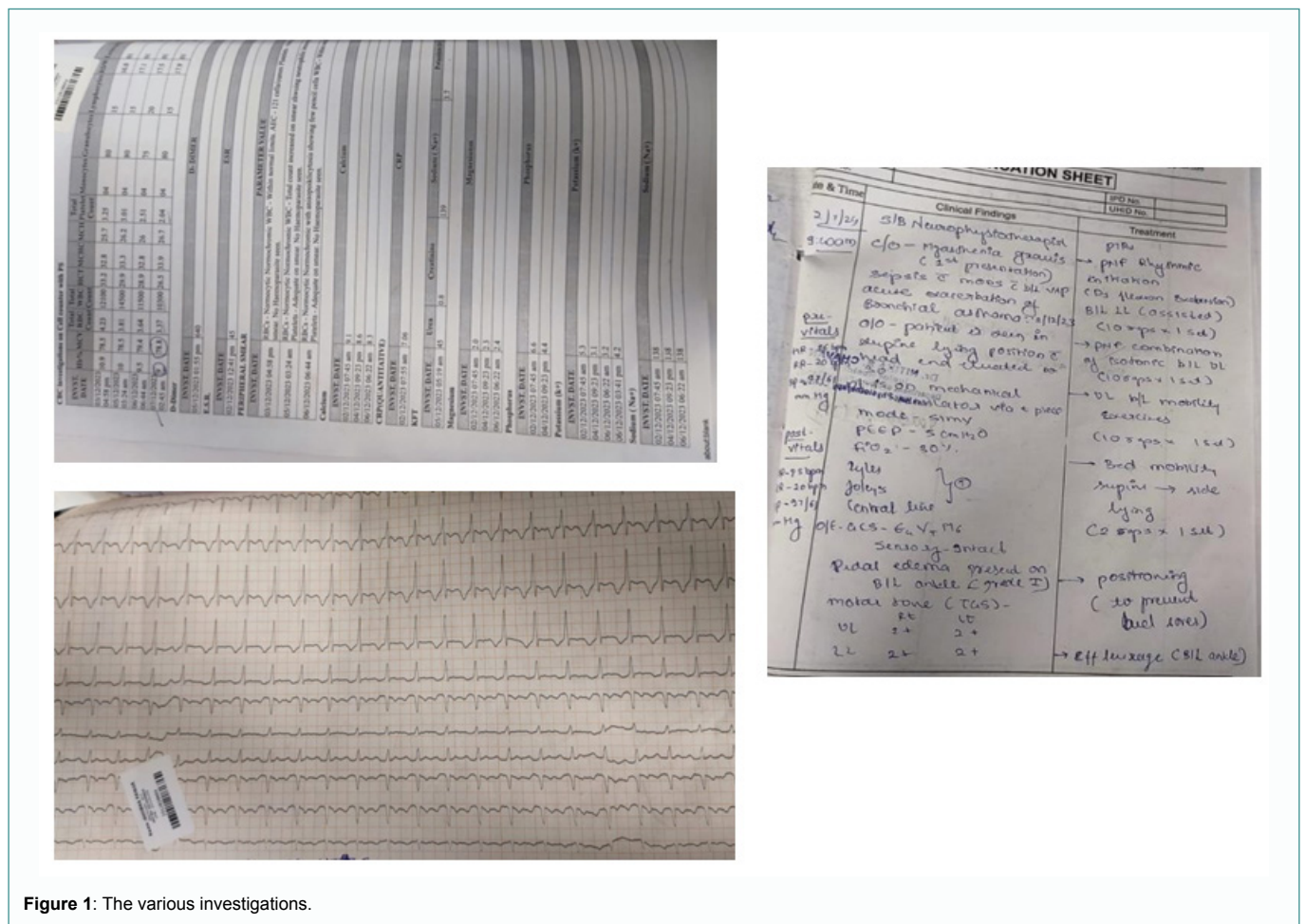


Figure 1: The various investigations.

