Examining the condition of Diabetic Patients in the face of Covid-19

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Abstract:

COVID-19 will be the biggest issue facing healthcare systems around the world, so all of the countries search for the development of treatments and vaccines for it. Escalating Daily numbers of cases and death tolls caused increasing at an alarming rate. Ten million people have now been infected by COVID-19 worldwide; with about nine hundred thousand of them have died. The infected persons in Iran have been 225,205 with the mortality rate of 10,670 (until July 10th, 2020). In this paper, a population of 8874 chronic diabetic patients involved with COVID-19 compared to other patients on various indicators such as mortality rate and the average duration of hospitalization. According to statistics, the incidence of diabetes in Iran is close to 11% of the population over the age of 25. The results showed that about 9.5% of hospitalized. patients with Covid-19 were diabetics with 10% death cases subsequently. The cost of hospitalization in this group showed a 12% higher rate, with 14.5% longer hospitalization duration. Our descriptive study based on national databases in comparison with official statistics announced by the World Health Organization, collected online, SQL aggregated, and real-time access through a series of relevant questionnaires. According to the results, the mortality rate, treatment costs, and average duration of hospitalization for diabetics involved with coronavirus stay at a higher level in relation to other cases. It necessitates a sophisticated solution to control and monitor the situation to develop a special policy framework in the management of emergencies in these patients.

Biography:

Maryam Moghaddamsamira is a Information Technology Expert and works in Iran Social Security Organization. She holds a MSc in Industrial Engineering and also BSc in Software Engineering. She worked from 13 years ago in ISSO as an IT Expert and currently working as Head of Information Technology Department in Deputy of Treatment in ISSO and now, she works as a data Expert and does data mining with ISSO data. She has presented an abstract on Examining the condition of the Elderly in the face of Covid-19 in Iran. Maryam grew up in Tehran, Capital City of Iran and is passionate about Immigrate to European Country and does Data mining

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