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## Impact of COVID -19 pandemic on Acute Coronary Syndrome /NSTEMI admission rates and quality of service in Ibrahim Bin Hamad Obid Alla Hospital

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### Objective :-

Study the impact of COVID -19 pandemic on the numbers of patients attended & admitted with ACS/NSTEMI and quality of service comparing the non COVID -19 and COVID -19 era ( for the same period of the year)

### Method (s):-

We collected data retrospectively of the patients were admitted and diagnosed with ACS/NSTEMI according to the Clinical practice guide line (CPD ) and hospital policy during April 2020 to September 2020 ( COVID -19 era ) and during the same period during 2019 ( non-COVID -19 era ) comparison the admission rate & Key performance indicator (KPI) for both group .

### Result(s)

The total numbers of patient admitted and diagnosed as ACS/NSTEMI in 6 months period (COVID -19 era) was 66 patients , all received for example the standard care including Beta blocker & ACEi/ARBs and high statin statin if no contraindication , they evaluated by Echocardiography before discharge , all cases reached above our target benchmark except for BB in month of August 2020 .

The total Numbers of patients admitted and diagnosed as ACS/NSTEMI during the same period of the previous year 2019 ( non COVID-19 era ) was 66 patients all received for example the standard care including Beta blocker & ACEi/ARBs and high statin statin if no contraindication , they evaluated by Echocardiography before discharge ,all cases reached above our target benchmark.

The Number of patients admitted are the same during the same period irrespective to COVID and non COVID period.

No significant changes in the quality of care comparing both groups.

### Conclusion :-

Despite the challenges facing the provision of distinguished medical services during COVID 19 pandemic ,the rate of admissions and the provision of medical services appropriately during the evaluated period were not affected in comparison with the same period of the previous year in IBHOH with no changes in the number of cases was admit and the quality of services ,and this reflect the efficiency of the system in dealing and absorbing disaster conditions

## Biography

Mourad Alsharkawy Graduated from Cairo University 1982 .Finished residency program 1987.Postgraduate in internal medicine followed by cardiovascular medicine 1990.Worked in KSA from 1991 to 1997 .Joint fellowship cardiology program and worked in National Heart Institute (Cairo ) up to 2005 dealing with skilled invasive and non invasive cardiovascular diagnostic and therapeutic procedures .Consultant cardiology in Ministry of Health Egypt to 2008 . Joint Oman and worked as head of Cardiology unit ( Nizwa Hospital ) up to 2014 . Currently working in IBHOH-RAK which is JCI accreditation hospital. He has built this model after years of experience in research, evaluation.

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