



ARB/ACE I usage in covid 19 patients for hypertension management

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Abstract:

Background:

SARS COV 2 virus outbreak which started in wuhan china rapidly spread all over the world within months. Globally more than 24 million confirmed cases have been reported including more than 8 lakh deaths according to WHO .

Hypertension is one of the important risk factor associated with increased risk of mortality in patients suffering from covid-19 infection.

Methods:

In this retrospective study, 1128 adult patients with hypertension diagnosed with covid-19 infection were included. Of the 1128 patients 188 patients were taking ACEi / ARB and 940 were using non ACEi/ARB anti hypertensives. Risk of all cause mortality was determined in both of these groups

Results

The risk of covid-19 mortality was lower in ACEi/ARB group versus non ACEi/ARB group (adjusted HR 0.42 95% CI, p=0.03) during 28 day follow up

Conclusion

Among patients with hypertension hospitalized with covid-19, in-patient treatment with ACEi/ARB was associated with lower risk of all cause mortality when compared with ACEi/ARB non users

Biography:

Dr. Faraz Farishta is a renowned Endocrinologist from Hyderabad and Director of operations at FS Endocrinology & Diabetic Centre (Hyderabad) in addition to a consulting practice at Thumbay Hospital (Hyderabad). His meticulous medical care in Diabetes Control and Management, Gestational Diabetes Mellitus, Thyroid



disorder, Metabolic Disorder Obesity, Osteoporosis Management and Diabetic Emergencies has helped several patients cope up with endocrine disorders and thereby lead a healthy lives.

Dr. Farishta's dedication, commitment, academic brilliance and professional excellence have translated into various awards and accolades from different quarters. The prestigious 'Abdul Kalam Memorial Award' bestowed on him by the Telugu Academy of Telangana for his remarkable contribution in the field of Endocrinology and recipient of title of 'Best Post Graduate Medical Student from South India' bear testimony to this.

Recent Publications:

1. Adherence and Swallowing Experience with a Modified, Smaller-sized Tablet Formulation of Metformin and Glimepiride (SR) in Indian Patients with Type 2 Diabetes Mellitus.
2. Thyroid Dysfunction in Patients with Metabolic Syndrome: A Cross-Sectional, Epidemiological, Pan-India Study
3. Insulin resistance and thyroid hypofunction in obese women - A cross sectional study

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