



Drug and cost compere analysis for treatment of chronic heart failure

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Abstract:

Background:Currently, the use of many new medications and device treatments has been started to treat patients with chronic heart failure. Modern principles of current treatment techniques are based on the pathogenic concept that develops as a result of the long-term activation of the CHF neurohormonal system. At present, the inhibitor of neprilysin is widely used in the treatment of CHF in the world practice. In addition to the medical treatment of CHF, device treatments have also developed significantly in modern times. Being one of them, in recent years the resynchronous therapy of the heart is one of the most widely used treatments over the world.

Purpose: Our study has been conducted in the form of 2 groups. The first group consists of the patients treated with complex medical therapy including sacubitril / valsartan. And the second group consists of the patients implanted a device for resynchronous therapy of the heart. Our aim is to assess the changes in the clinical indicators in both groups after 6 months.

Methods: The results of 64 male and female with CHF were researched. Patients were over 38 years of age. Eligibility criteria included a history of chronic heart failure, circulatory failure (functional class II-IV, NHYA) and a left ventricular ejection fraction of less than 40%.

Results: At the time of re-examination after 6 months, there is a high positive change in the clinical indicators of patients, functional classes and ejection fraction of left ventricul in first group than second group.

Conclusion: The results of both treatments have been compared both medically and economically. In results,



full patogenetic treatment (including sacubitril/valsartan) gave better results.

Biography:

I graduated from the university in 2007. Then I worked as a cardiologist in various clinics in Baku. I am currently doing research on topic of heart failure. So far, I have spoken at four international conferences and several presentations are scheduled for the upcoming months. 6 articles have been published and some are awaiting publication. I am currently working as a researcher at the Azerbaijan Medical University in the Republic of Azerbaijan. And I am in editorial board two journals (1. CPQ Medicine 2. Journal of Chronic Diseases and Therapeutics).

Recent Publications:

1. Modern Treatment Methods of Heart Failure
2. Analysis of comparative study of the "Hayat bilgisi" curriculum for primary school student's 11btidai t1lshil s1lviyy1si 1ztr1 «H1lyat bilgisi» kurikulumunun m1qayisli t1lhili.

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Citation: Eyubova Ulviyya, Drug and cost compere analysis for treatment of chronic heart failure, Webinar on Critical care and Emergency Medicine, December 14, 2020, Dubai, UAE.