

ABSTRACT

The Effectiveness Of Beta Blocker In Geriatric With Heart Failure Patients

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Introduction: Geriatric patients with heart failure diseases administered with well established current treatment known as beta blocker therapy. **Objective:** This study was undertaken to assess the effectiveness of beta blocker in geriatric patients with heart failure. **Methodology:** A narrative review study was conducted with collection of data derived from Scopus and Pubmed database using the specific keywords. **Results and Discussion:** Three generations of beta blocker were identified in our studies. The most prescribed by physician is Carvedilol. The geriatrics patients who underwent beta blocker therapy had improvement in percentage of left ventricle ejection fraction, left ventricle end diastolic volume, and left ventricle systolic volume. Beta blocker treatment also showed reduction in heart rate and blood pressure. **Conclusion:** These effect of beta blockers agent still effective in improving mortality and reduce hospitalization in geriatric patient with heart failure. However, due to different study design of each study, it is quite difficult to compare the effectiveness of beta blocker in geriatric patients with heart failure among all the centers.

Keywords: Geriatric, Beta Blocker, Heart Failure