



## 36<sup>th</sup> World Cardiology Conference; 29<sup>th</sup> International Conference on Cardiology and Cardiovascular Diseases

### Sacubitril/valsartan in paroxysmal or persistent atrial fibrillation

**Giovanni Fazio**

*Triolo-Zancla Clinic, Italy*

**Background:** Paroxysmal and persistent atrial fibrillation is common in patients with dilated cardiomyopathy. Nowadays the role of treatment with sacubitril/valsartan in this case is unsupported by consistent data. We analyzed retrospectively our experience in this cohort of patients

**Methods and results:** The data for the present study were retrospectively obtained from our database of patients affected by atrial fibrillation: from 2540 consecutive patients with atrial fibrillation we extract 40 consecutive patients affected also by dilated cardiomyopathy that start a therapy with sacubitril/valsartan. All enrolled patients were treated with amiodaron and all implanted an ICD for prevention of cardiac sudden death.

We evaluated the recurrences of paroxysmal and the days free from atrial fibrillation one year before and one year after the starting of therapy with sacubitril/valsartan. The data were show in table 2. The recurrence of atrial fibrillation were very less after the starting of sacubitril/valsartan than before, with a significant statistical differences of both, recurrences and days free of arrhythmia ( $p: 0,001$  and  $p: 0,04$ )

**Conclusion:** Our data seem to show that sacubitril/valsartan is able to reduce the recurrence of atrial fibrillation in patients with dilated cardiomyopathy and paroxysmal or persistent atrial fibrillation

### Biography

Giovanni Fazio, MD was born in Ragusa on June 11st, 1978. He graduated from secondary school in Scientific Studies with 60 ot 60 at "Liceo Scientifico Galileo Galilei" in Modica. He received his Medical Degree with 110 out of 110 cum laude at University of Palermo on July 26th, 2002. He became Specialist in Cardiology at the same University on November 30th, 2006. In 2011 he finished his PhD program on Diagnostic science and biomedical technology. He successfully completed a Secondary level Master in Project Management at University of Palermo within the F.I.O.R.I. project.