

“Clinical case heart failure”

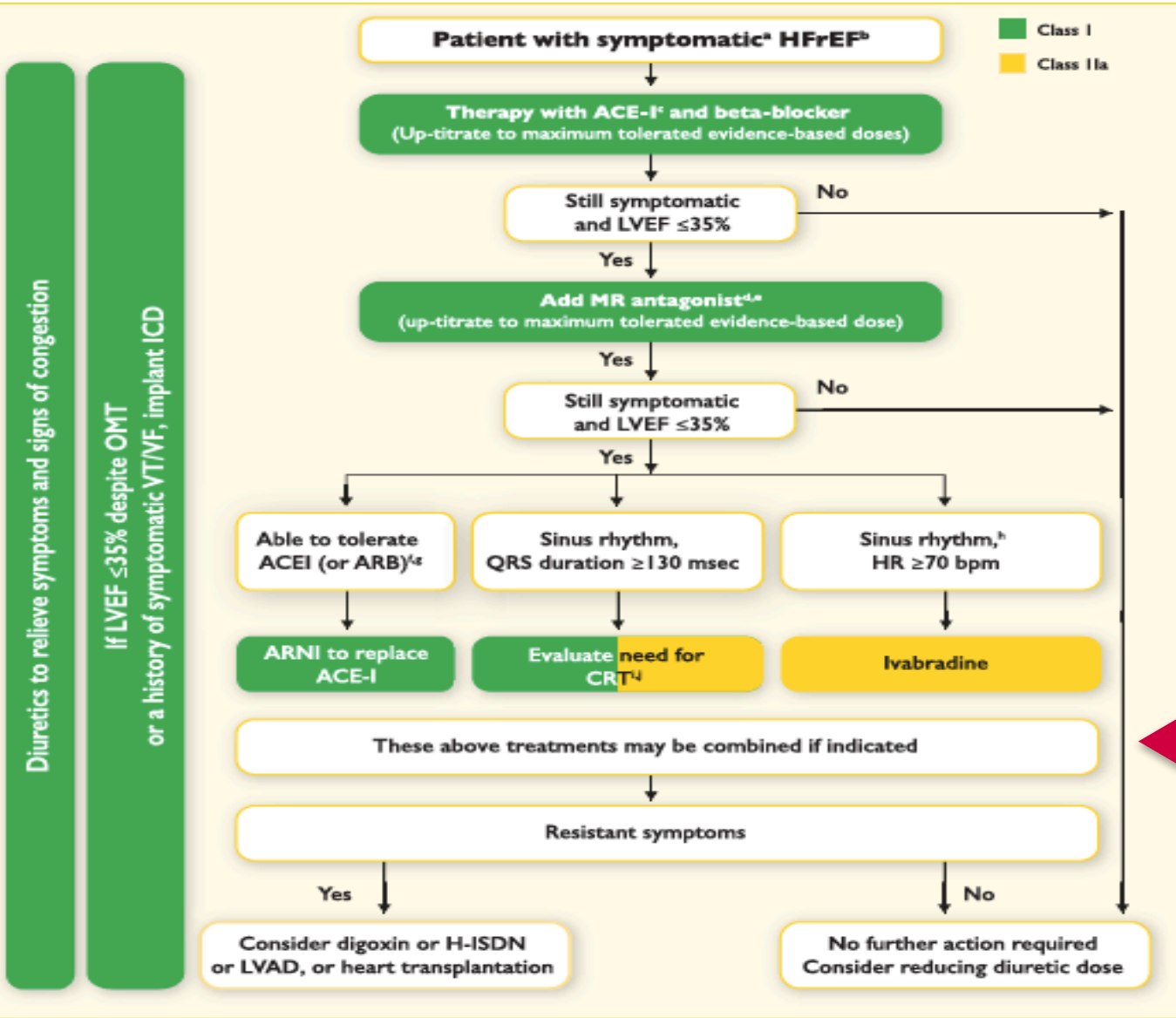
Giuseppe M.C. Rosano, MD, PhD, FHFA



Declaration of potential conflict of interests

Type of job or financial support	Research Institution / Company
Salary Ordinary funds Position in Public Committees	St George's Hospital NHS Trust London IRCCS San Raffaele Roma European Medicines Agency – CVWP Italian Drug Agency (AIFA) – European Assessment Board <i>The views presented in this talk are personal and should not be understood or quoted as being made on behalf of or reflecting the position of AIFA or EMA</i>
Support	St George's Hospital NHS Trusts Nutramed Consortium IRCCS San Raffaele
Conflict for this presentation	<i>No competing interests for this talk No consultancies to Companies related to medicinal products</i>

Giuseppe M.C. Rosano, EMA - DOI 2005-2016



*Available online on
Eur J Heart Fail*



Clinical case

- 64 yo man
- Family history of CAD, diabetes mellitus, moderate COPD
- Father of a young Italian doctor working in USA
- 2015 Anterior wall MI with LVD (FE 32%)
- March 2015 - SPECT: small patchy areas of reversible ischemia

Clinical case

- July 2015 - Cardiac CT: diffuse distal stenosis on D1, OM1
- Treatment: Carvedilol 25 mg x2, Enalapril 10 mg x2, Furosemide 50 mg, Eplerenone 25 mg, Clopidogrel 75 mg, Atorvastatin 20 mg
- Dec 2015: dispnoea for medium-light level of exercise

Clinical case

- ECG: SR 73 bpm – BP 110/60 mmHg – bilateral crackles – peripheral oedema
- Ivabradine 5 mg bid, trimetazidine, metolazone 5 mg twice/week after 2 weeks no crackles no peripheral oedema
- February 2016 well, dyspnoea after the 6th flight of stairs
- March 2016, following the suggestion of his son bought LCZ696 abroad, stopped Enalapril and started LCZ696

Clinical case

- 3 hours after the first dose of LCZ696 – syncope while getting up from the sofa
- when he regained consciousness BP 70/40 mmHg
- LCZ696 stopped and Enalapril reinstated
- April 2016 well no dyspnoea still able to climb 6 flights of stairs

Clinical case

- His son and his GP insisted him to try again LCZ696 !!!!!!!
- BNP 80 – HR62 – BP 115/60
- Stopped Enalapril, Carvedilol reduced to 12.5 x 2, Ivabradine 7.5 x2 – Started LCZ696
- May 2016: well HR 61 bpm, BP 110/65 mmHg

Take home message

- **Follow the guidelines**
- **ACEi, beta-blockers, MRAs in all**
- **Ivabradine in patients in sinus rhythm with a target HR <60 bpm**
- **LCZ696 in those symptomatic with elevated NP and able to tolerate at least Enalapril 10 mg bid**

Heart Failure 2017

29 April – 2 May 2017

Congress organised by the Heart Failure association of the ESC

Heart Failure

2017 and 4th World Congress on Acute Heart Failure



Paris
France

29 April - 2 May

Heart Failure: a rendezvous with the future

www.escardio.org/HFA #heartfailure2017



- 4 days** of scientific exchange
- 108** scientific sessions
- 6 148** healthcare professionals
- 100 +** countries represented
- 300** expert faculty members

Call for abstracts opens on **November 3**

www.escardio.org/heartfailure

