

Management of heart failure in 16 Sub-Saharan African countries : Drugs strategies and 8-year trends The February Study (2016-2023)



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Background



Heart failure (HF) is a growing cause of hospitalization in Sub-Saharan Africa

The hospital prevalence studies estimate that in SSA, HF is responsible for 9.4% to 42.5% of all medical admission



However, scarce data are available about drug management of HF in SSA

Objective

To describe in hospital drugs management of HF and 8-year trends in Africa Material and Methods



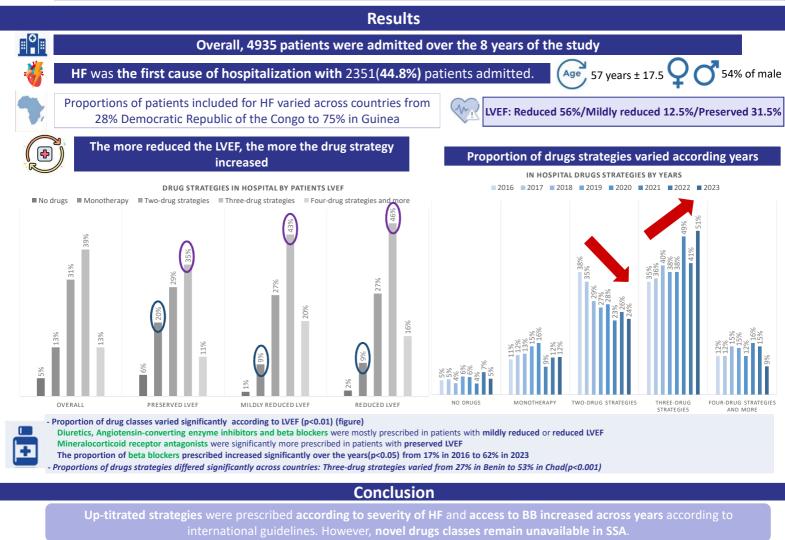
We conducted a transversal and longitudinal study in CV department of 36 hospitals from 22 cities in 16 SSA countries (9 low income: Niger, Guinea, Benin, Mali, Democratic Republic of the Congo (DCR), Chad, Burkina Faso, Togo, Burundi and 7 middle income: Cote d'Ivoire, Senegal, Cameroon, Congo, Soudan, Mauritania, Gabon).
The FEBRUARY study was designed by a multidisciplinary collaborative team of epidemiologists, pharmacists and cardiologists from Africa and France.

•This ongoing observatory included all inpatients in February from each year since 2016.

•Data including socio-demographic and clinical characteristics, causes of admission, clinical, biological, complementary examinations, medicines and length of stay were collected by the investigating physicians.

•HF severity was defined according to proportion of Left Ventricular Ejection Fraction(LVEF): reduced(LVEF≤40%), mildly reduced(LVEF[41-49%] or preserved(LVEF≥50%)

•All analyses were performed through scripts developed in the R software (4.0.3(2020-10-10)).



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