TRENDS IN THE USE OF LIPID-LOWERING DRUGS IN IVORY COAST (2017-2018)

KOUAME Jérôme[1], OGA Serge[1], ATTIA-KONAN Régine[1], KOFFI Kouame[1], TIADE Marie-Laure[1], YAPI Paul[2]

[1] Department of Public Health, School of Pharmaceutical and Biological Sciences, University F. H. Boigny, Abidjan, Ivory Coast
[2] Mutual insurance Company for civil servants and agents of the State of Côte d'Ivoire (MUGEFCI)

BACKGROUND

- Lipid-lowering drugs have been shown to be very useful in the prevention and treatment of cardiovascular disease
- Little is known about their use in developing countries
- Objective : describe the use and expenditures on lipid-lowering drugs among civil servants of Ivory Coast

METHODS

- Retrospective analysis of health care consumption data from the mutual insurance company for civil servants and agents of the State of Côte d'Ivoire (MUGEFCI).
- Sample consisted of officials and other servants of the State, whether in active employment or retired, and members of their families members and beneficiaries aged twenty (20) years and over who had taken at least one lipid-lowering drug reimbursed by the mutual insurance company between January 1, 2017 and December 31, 2018.
- Consumption was expressed in defined daily doses (DDD)/1000 inhabitants/day
- Annual expenditures were estimated for each drug based on public prices in pharmacies

RESULTS

Sociodemographic characteristics

- 14717 people aged 20 to 88 years
- Average age of 59.56±10.73 years
- Male = 55.10%
- prevalent users = 10485(2017) and 9764 (2018)
- incident users = 4232 in 2018

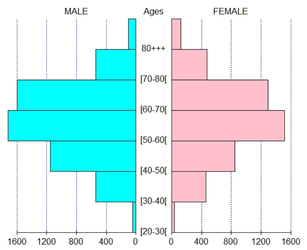


Fig 1 : Age pyramid 2017

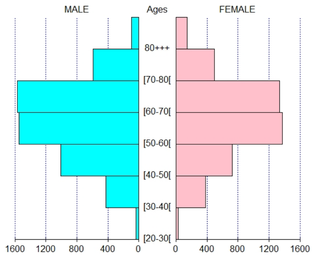


Fig 2 : Age pyramid 2018

Drugs used and expenditures

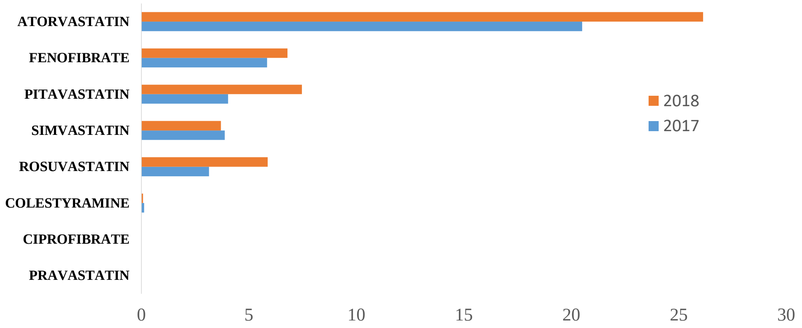


Fig 3 : Consumption in defined daily doses (DDD)/1000 inhabitants/day

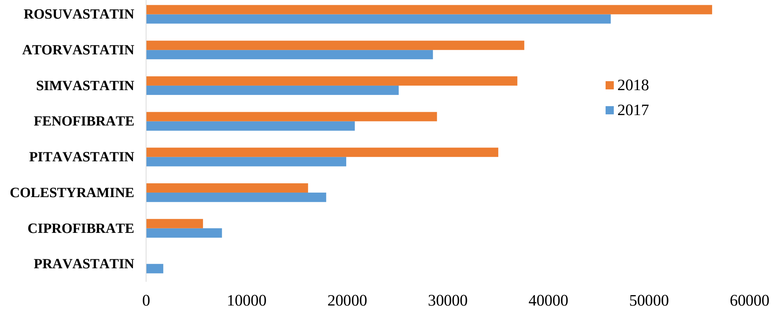


Fig 4 : Average annual expenditures per person (in XOF, 1 XOF= 0,00152449 Eur)

CONCLUSION

- Overall use of lipid-lowering was increasing in the study population.
- Average annual expenditures per person was higher in 2018

Abstract ID: 98672
Acceptance code: PDG64

RESEARCH POSTER PRESENTATION DESIGN © 2015
www.PosterPresentations.com