

KNOWLEDGE, ATTITUDE AND PRACTICE ABOUT PHARMACEUTICALS IN THE ENVIRONMENT AMONG HOSPITAL PHARMACISTS IN SPAIN

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BACKGROUND AND IMPORTANCE

Hospital pharmacists play an essential role in the life cycle of drugs. They need to be more aware of the impact of pharmaceuticals in the environment (PiE), as their contribution to tackle the problem is going to be pivotal.

AIM AND OBJECTIVES

To evaluate the knowledge (K), attitude (A) and practice (P) about the issue PiE among hospital pharmacists in Spain.

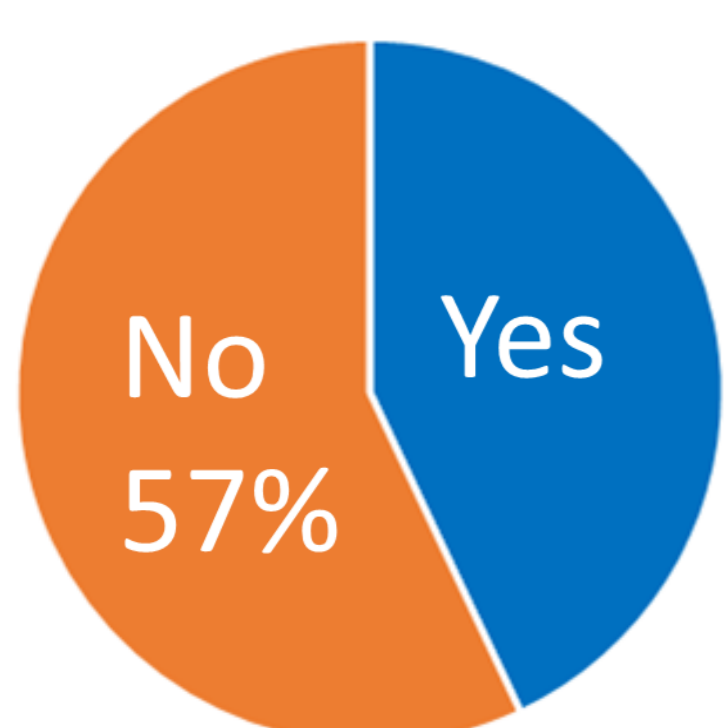
MATERIALS AND METHODS

- A self-administered on-line questionnaire: 33 questions (18 K, 10 A, 2 P, 3 other).
- Sent by e-mail to all members of the Spanish Society of Hospital Pharmacists (n=4451).
- K: variable scale. A: agreement scale (being 0 “totally disagree” and 10 “totally agree”).
- Descriptive statistics were performed.

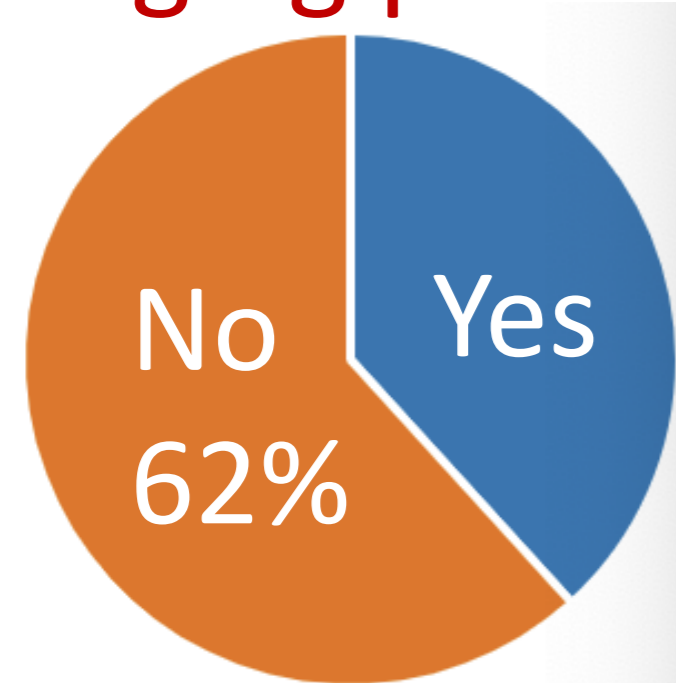
RESULTS

149 responded (3.4%): 75.2% women, mean age 43.7 years

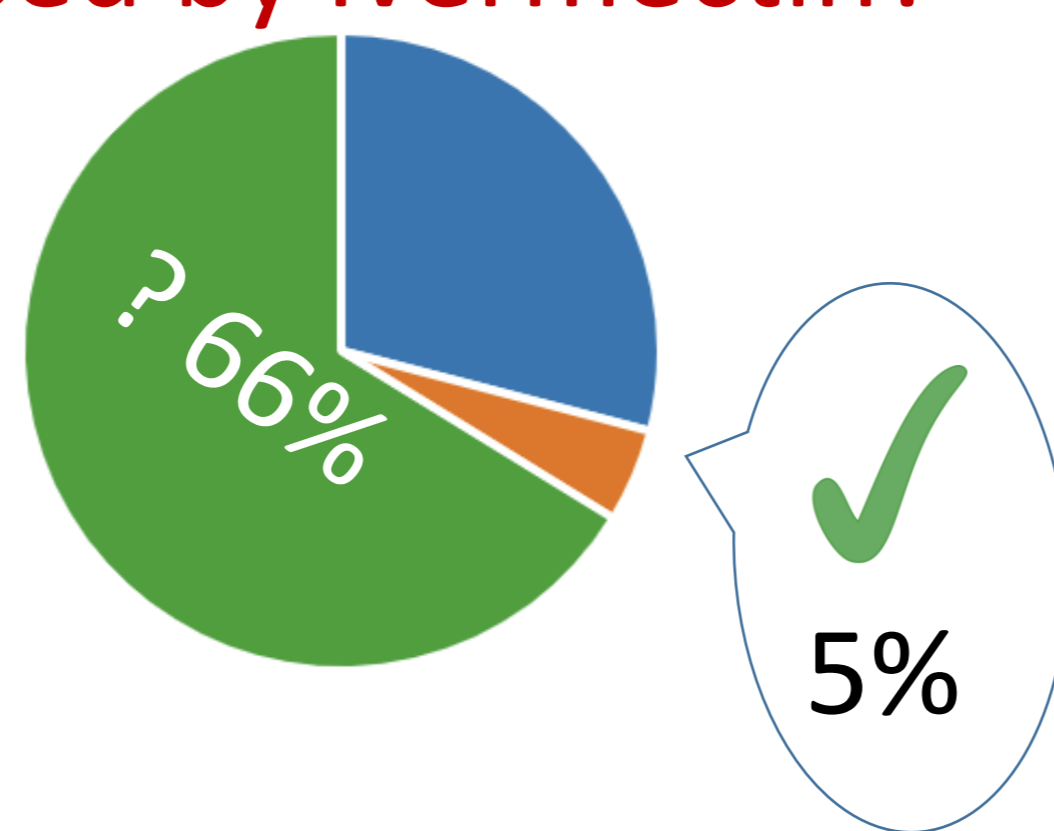
Do you know the concept “One Health”?



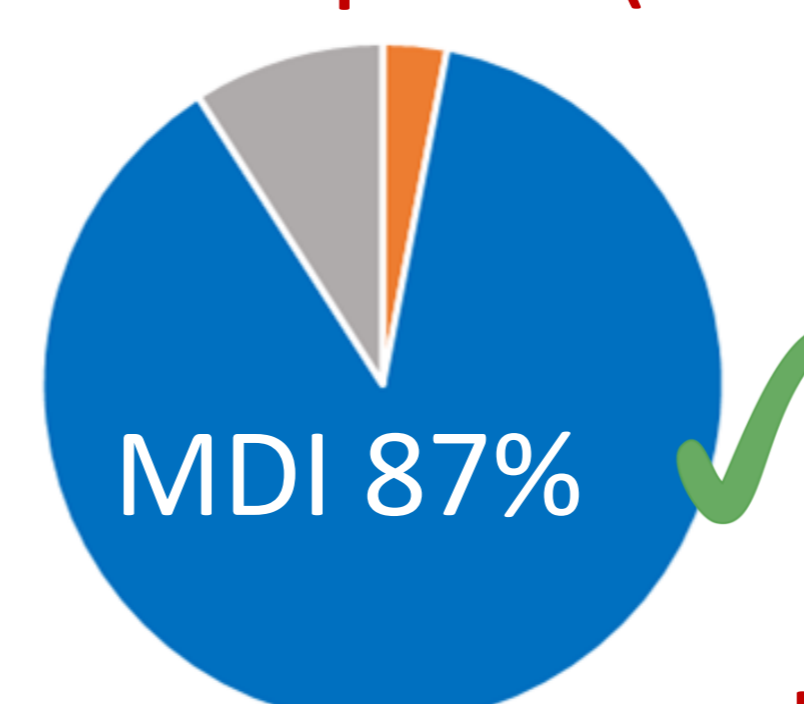
Do you know the concept “emerging pollutant”?



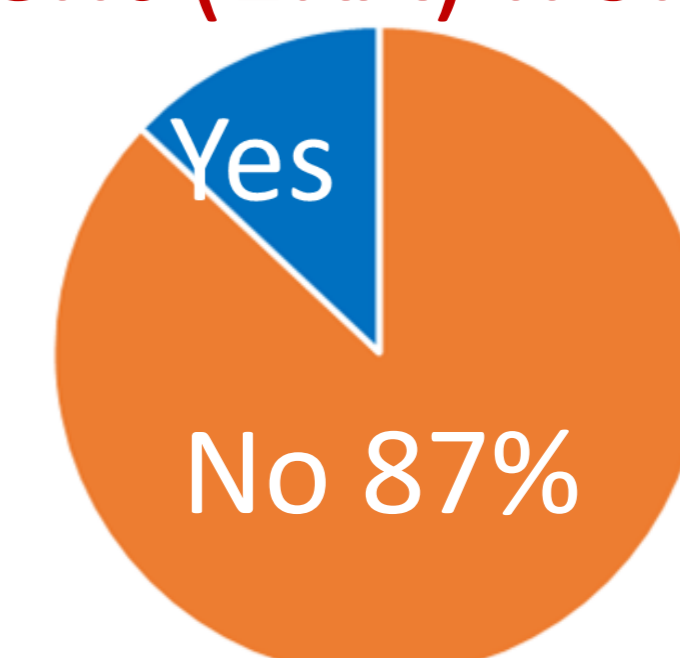
Asian vulture decline caused by ivermectin?



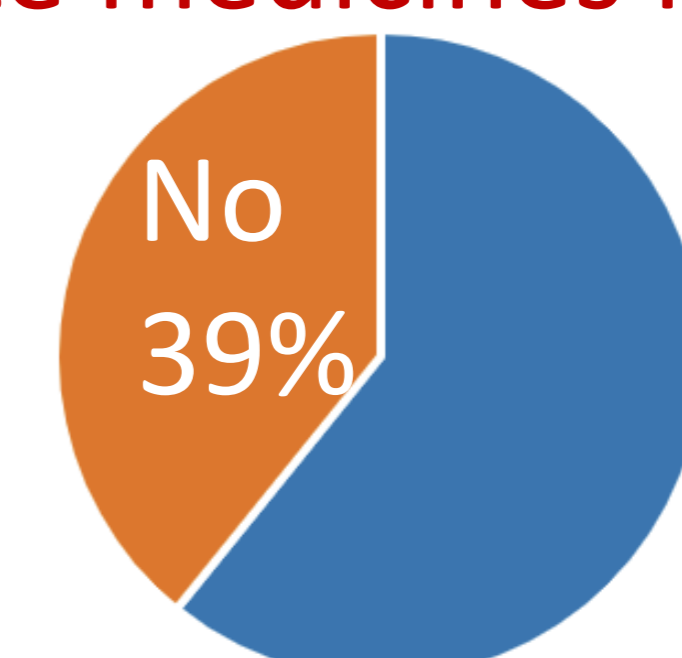
Higher C footprint (inhalers)?



Do you know the Environmental Risk Assessment (ERA) from EMA?



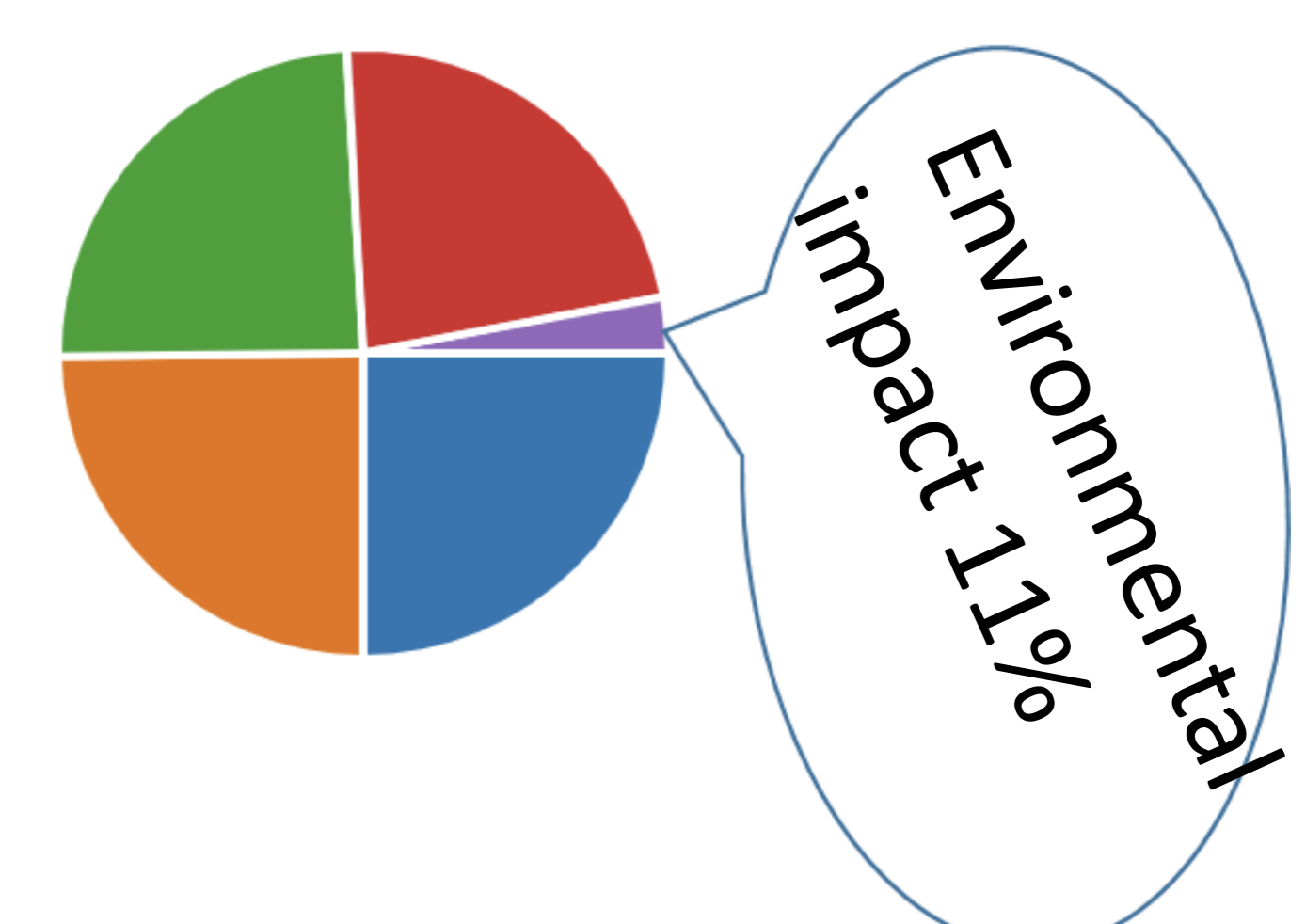
I am clear about the procedure for managing waste medicines in pharmacy-hospital.



Acquiring knowledge is very positive



Aspects considered to develop hospital formularies



CONCLUSION AND RELEVANCE

- K: Good for inhalers (MDIs carbon footprint), but, in general, there is room for improvement!
- A: positive, regarding the importance of the issue ✓
- P: there is room for improvement!

