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Selective Digestive Decontamination uses in French hospitals in 2018

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Background and Objective

- Selective Digestive Decontamination (SDD) is used to prevent or eradicate intestinal carriage of potentially pathogenic aerobic Gram-negative bacteria
- Since 2010, our establishment has been manufacturing a combination of colistin and gentamicin in capsules for SDD (COLI-GENTA)
 - with 2 dosages: 27 mg/50 mg for children and 135 mg/100 mg for adults
 - with a status of hospital preparation

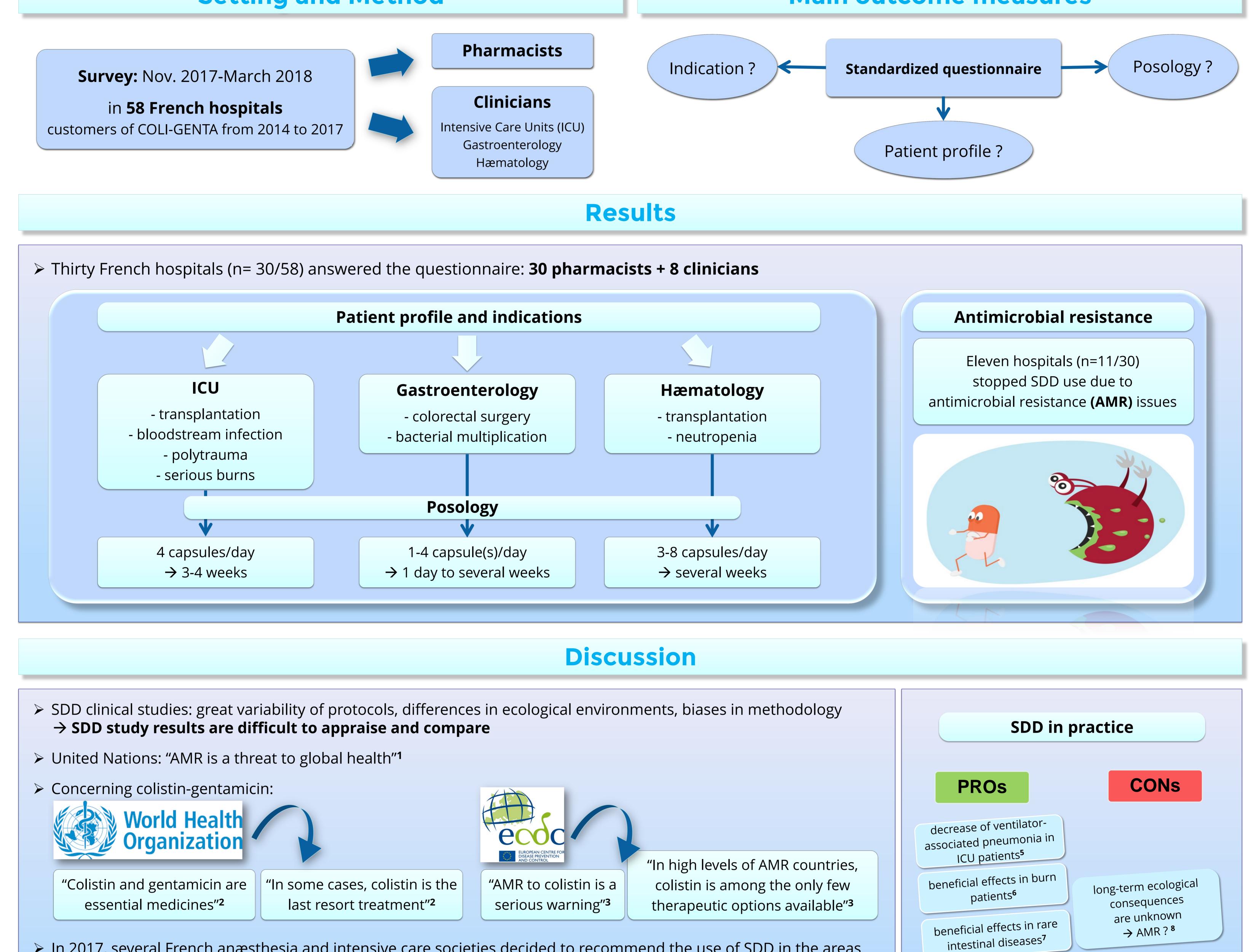
Oral Communication

Setting and Method

= to re-evaluate the usefulness of COLI-GENTA for SDD in French hospitals

Aim of the study

Main outcome measures



In 2017, several French anæsthesia and intensive care societies decided to recommend the use of SDD in the areas where the prevalence of multidrug-resistant bacteria is low⁴.

In total: is SDD use still relevant in 2018?

- yes, in some patients, depending on the ecological environment
- yes, if AMR rate is closely monitored



- > To assess the usefulness of COLI-GENTA for SDD, it is necessary to take into account:
 - the diversity of drug combinations currently used for SDD in hospitals
 - the results of clinical studies
 - the potential epidemiological consequences of SDD use (\rightarrow AMR ?)
- > According to this survey and to clinical experience, COLI-GENTA could remain suitable, after considering the ecological context:
 - **in ICU** to prevent ventilator-associated pneumonia
 - in hæmatology in seriously ill patients
 - **in gastroenterology** in rare pædiatric disorders



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7. Egal *et al.* Pseudo-obstruction intestinale chronique de l'adulte. Rev Med Interne, 2018

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SDD