

# Towards a French-speaking collaboration around the Finnish collection 'EBM Guidelines'

## INTRODUCTION

EBM Guidelines is a collection of about 1000 guidelines for primary care, produced by the Finnish Medical Society Duodecim (1).

EBMPracticeNet, a Belgian consortium of scientific and medical societies translated the collection into Dutch and French, adapted it to the Belgian health system context, and made it available for all the Belgian GPs on the website ebmpractinenet.be(2). Implementation, development, concept and licensing are provided by IVS, a Belgian company.

The French College General Practice (3) decided to carry out an evaluation of the relevance of the EBM Guidelines collection for French GPs, using a close version of the EBMPracticeNet one. The study is funded by the French National Health Insurance (CNAMTS).

## METHODS

The members of the College who accepted received logins and passwords to test the collection from March to September 2017.

### Data collection

- The GPs profiles, which were completed online at their first connection.
- The website logbook, where all the connections were registered (user ID, queries, opening guidelines, and timestamps).
- A short questionnaire (SQ) was periodically activated online while the user was searching on the website, to assess the relevance of the information found.
- A long questionnaire (LQ) assessed the users' global satisfaction about the content and the ergonomics of the website after 3 months. Usability was assessed with the System Usability Scale (SUS)(4).

### Analysis strategy

The logbook allowed us to measure the frequency of connected days, defined as 'days when a user has done at least one search'.

We defined a session as 'a series of queries by a single user made within a small range of time'(5) and analysed manually 128 sessions.

We evaluated the relevance of the collection across three dimensions. (see results below).

## MAIN RESULTS

The following results come from the data collected from March to August 2017 (138 days).

- 417 GPs registered. Among them:
- 274 completed their profile on the website
  - Age : mean = 45 years (SD 13)
  - Female GPs : 50%
  - Trainers : 64%
  - Consultations per week : mean = 88 (SD 35)
- 253 GPs did at least one search.
- 135 short questionnaires collected from 80 different GPs.
- 133 long questionnaires collected.
- 4 days was the median number of connected days (min 1 day - max 61 days).

Indicators of the relevance of the collection for the French GPs				
Dimension	Source	Question /(types of answer)	Results	Indicator
Ability of the website to answer to GPs queries	SQ	Did you find the answer to your question ? (Yes/No)	<b>71 %</b> (CI 63-79)	Proportion of users who answered "Yes"
	LQ	Generally do you find the answers to your questions? (Always / Often / Sometimes /Rarely/ Never)	<b>60%</b> (CI 50-68)	Proportion of users who answered "Always" or "Often"
	Logbook	Do the search sessions lead to the opening of a guide ?	84% (CI 78-91)	Proportion of search sessions which led to the opening of at least one guide
Perception of the ergonomics?	LQ	System Usability Scale Score. (score 1 to 100)	Mean score 70	Score > 85 = excellent / 70-85 = good 50-70 = acceptable / <50 = unacceptable
Overall users satisfaction	LQ	Overall, what is your satisfaction level ? (Very satisfied/Satisfied/Moderately satisfied /Poorly satisfied/Unsatisfied)	54% (CI 46-64)	Proportion of users who answered "Very satisfied" or "Satisfied"
	LQ	Do you think that this website is useful for your clinical practice ? (Totally disagree/Tend to disagree / Neutral / Rather agree/Totally agree)	79% (CI 71-86)	Proportion of users who answered "Rather agree" or "Totally agree".
	LQ	Would you like to continue to use this website ? (Yes/No)	96% (CI 91-99)	Proportion of users who answered "Yes"

## CONCLUSION

According to the results, the 'EBM Guidelines' collection can be considered as relevant and helpful for most of French GPs, and almost all of them wish to continue to have access to it.

Given the cumbersome work of translating the guides into French and adapting them to the Belgian and French contexts, it could be convenient to imagine a co-operation between the two countries, with a pooling of resources.

## REFERENCES

1. Duodecim in English Evidence-Based Medicine Guidelines <http://www.duodecim.fi/english/products/ebmg/>
2. EBMPracticeNet. <https://www.ebmpractinenet.be>
3. lecmg. <http://www.lecmg.fr>
4. Brooke J. « SUS: a « quick and dirty » usability scale ». In: In P W Jordan, B Thomas, B A Weerdmeester, & A L McClelland Usability Evaluation in Industry. London: Taylor and Francis.
5. AS Yi and M. Analysis of PubMed User Sessions Using a Full-Day PubMed Query Log: A Comparison of Experienced and Nonexperienced PubMed Users. - PubMed - NCBI <https://www.ncbi.nlm.nih.gov/pubmed/26139516>

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## INTRODUCTION

### CONTEXT

- **EBM Guidelines** is a collection of about 1000 guidelines for primary care, produced by the Finnish Medical Society Duodecim.
- **EBMPracticeNet**, a Belgian consortium of scientific and medical societies:
  - **translate** and the updates the collection into Dutch and French
  - **adapt** it to the Belgian health system context
  - **make it available** for the Belgian GPs
  - Implementation, development, concept and licensing are provided by **IVS**, a Belgian company.

### LAUNCH OF A STUDY IN FRANCE

- **The aim was to assess 'EBM Guidelines' relevance for French GPs**, using a close version of the EBMPracticeNet one.
- Study conducted by the French College General Practice
- Funded by the French National Health Insurance (CNAMTS)

## METHODS

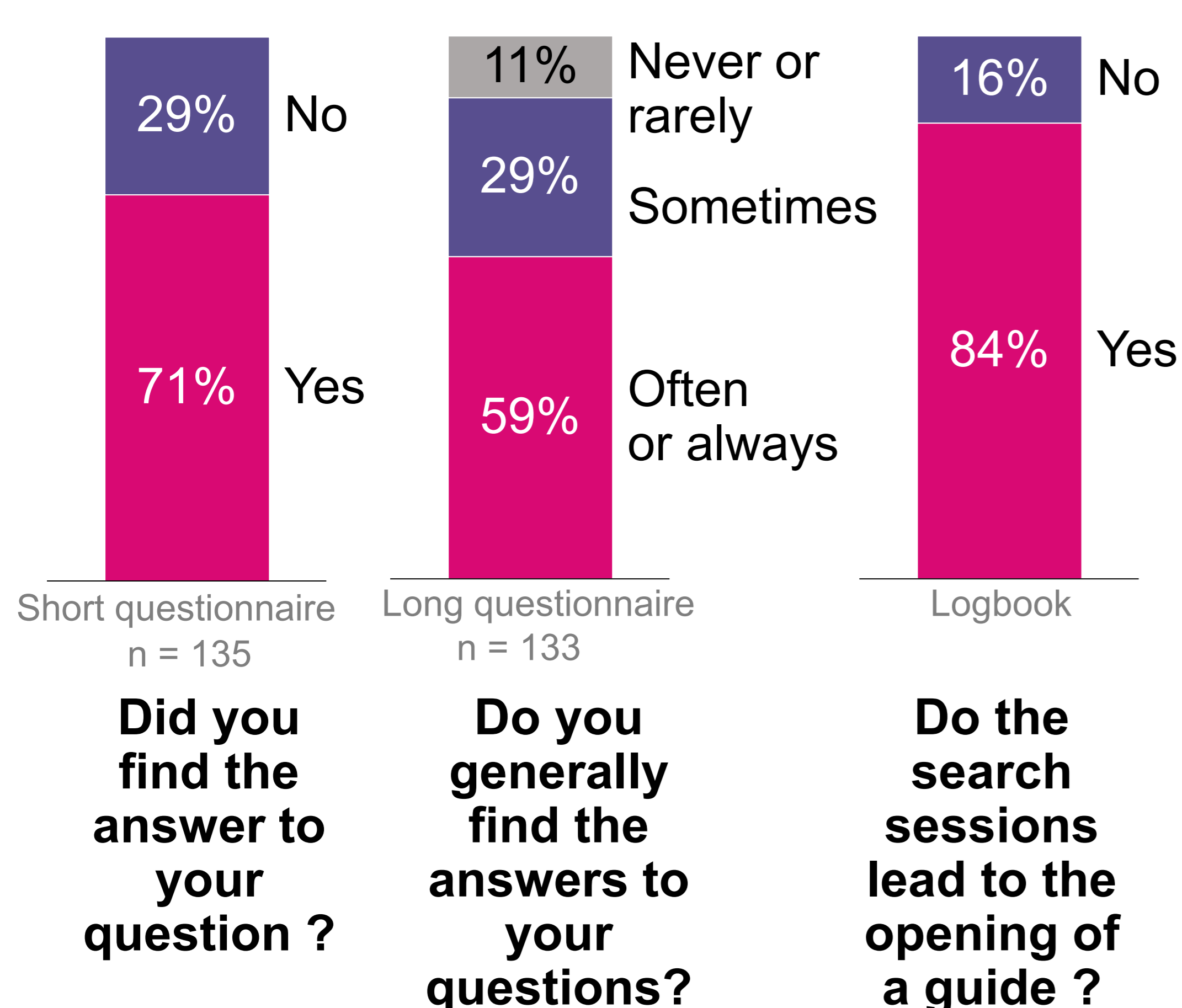
Data collected **from March to August 2017** (138 days)

- GPs profiles completed **online** at their first connection
- Website **logbook** registering all the queries and the opening guidelines
- **Short questionnaire** periodically filled online while the user was searching the website
- **Long questionnaire** assessing the users' global satisfaction about the content, and the perception of the ergonomics with the **System Usability Scale (SUS)**.

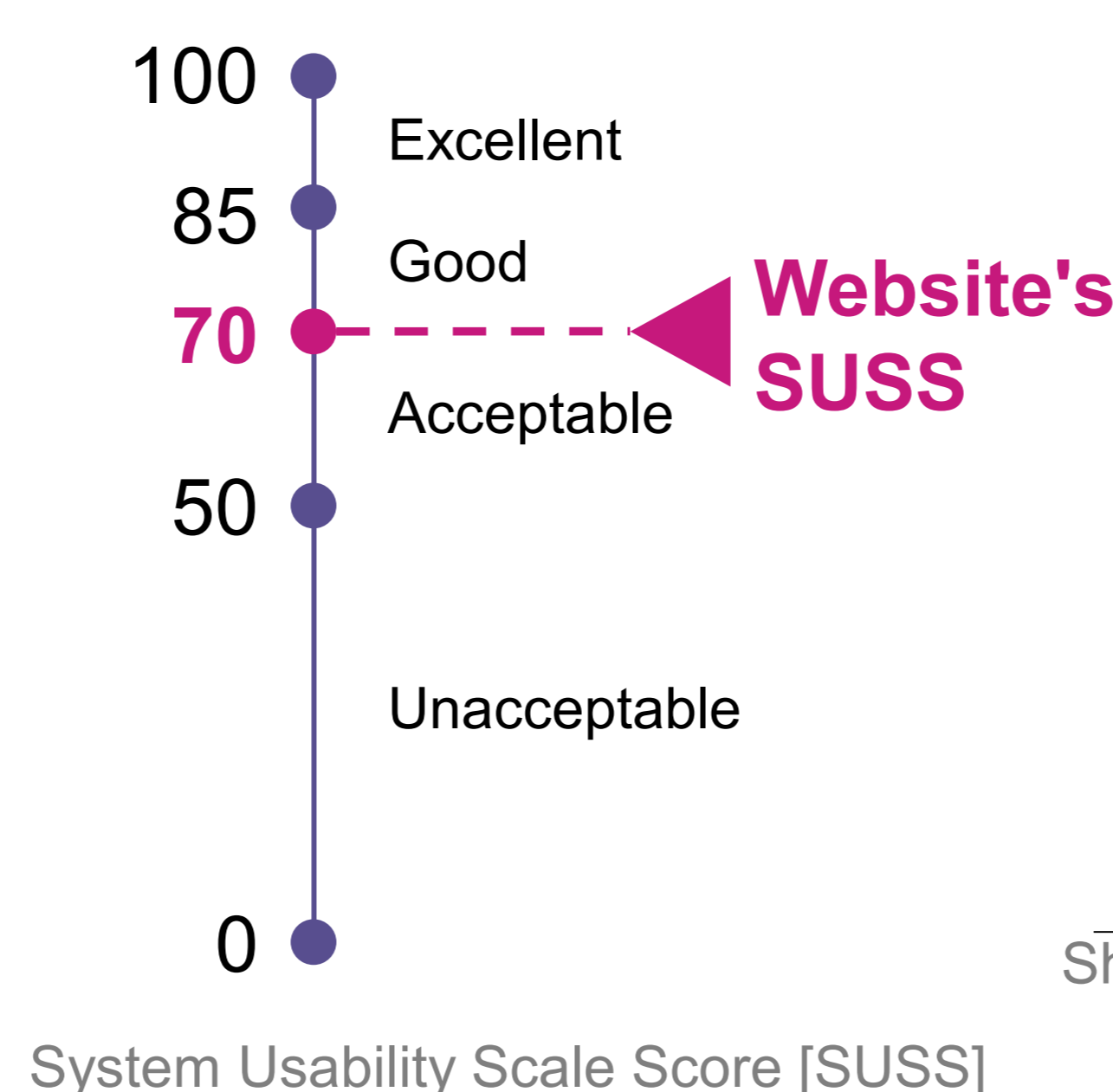
## MAIN RESULTS

**417 GPs** registered to evaluate the collection → **274** completed their profile on the website → **253** GPs did at least one search

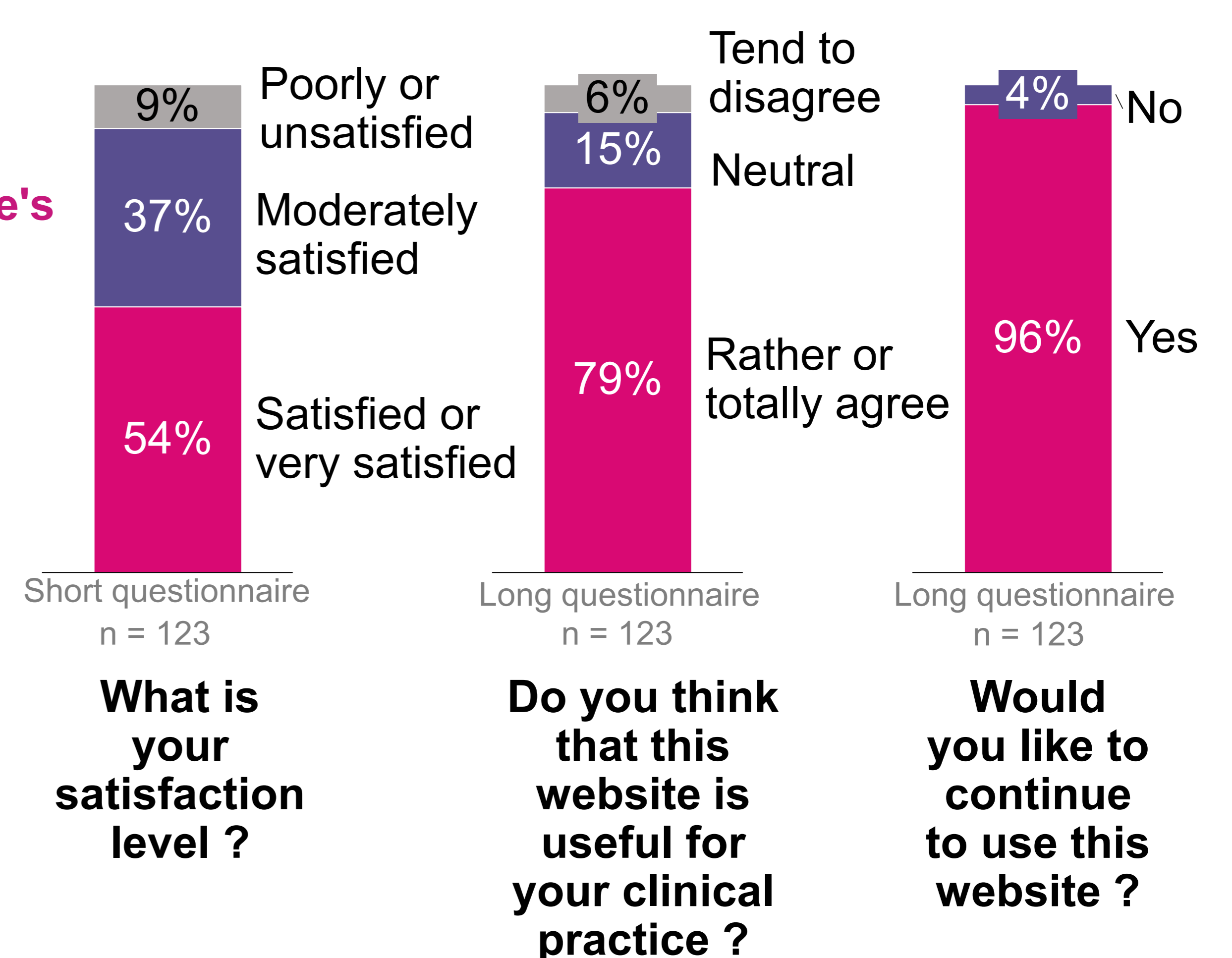
### ABILITY OF THE WEBSITE TO ANSWER TO GPS QUERIES



### PERCEPTION OF THE ERGONOMICS



### OVERALL USERS SATISFACTION



## CONCLUSION

- **'EBM Guidelines'** can be considered as **relevant** and **helpful** for French GPs, and almost all of them wish to continue to have access to it.
- **It could be the starting-point to a collaboration between France and Belgium with a pooling of resources, to accelerate the translation of guides into French and scale up the model.**

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