

RESEARCH PRIORITY SETTING IN HTA: THE BRAZILIAN EXPERIENCE USING THE DELPHI METHOD

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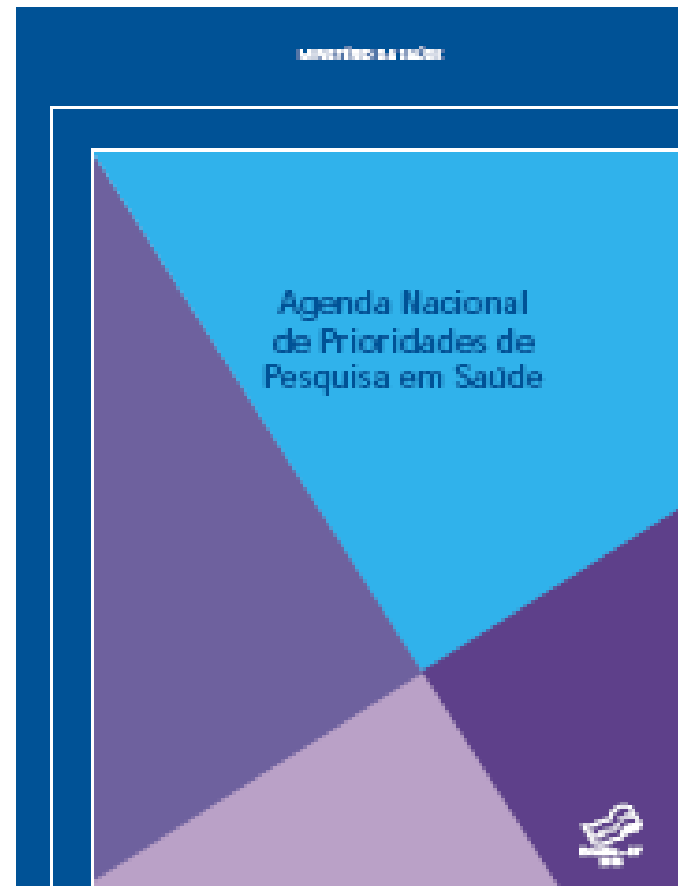
Outline

- ◆ **Overview**
 - ◆ **NPAHR**
 - ◆ **Delphi Method**
- ◆ **Results**
- ◆ **Method Limitations**
- ◆ **Challenges**

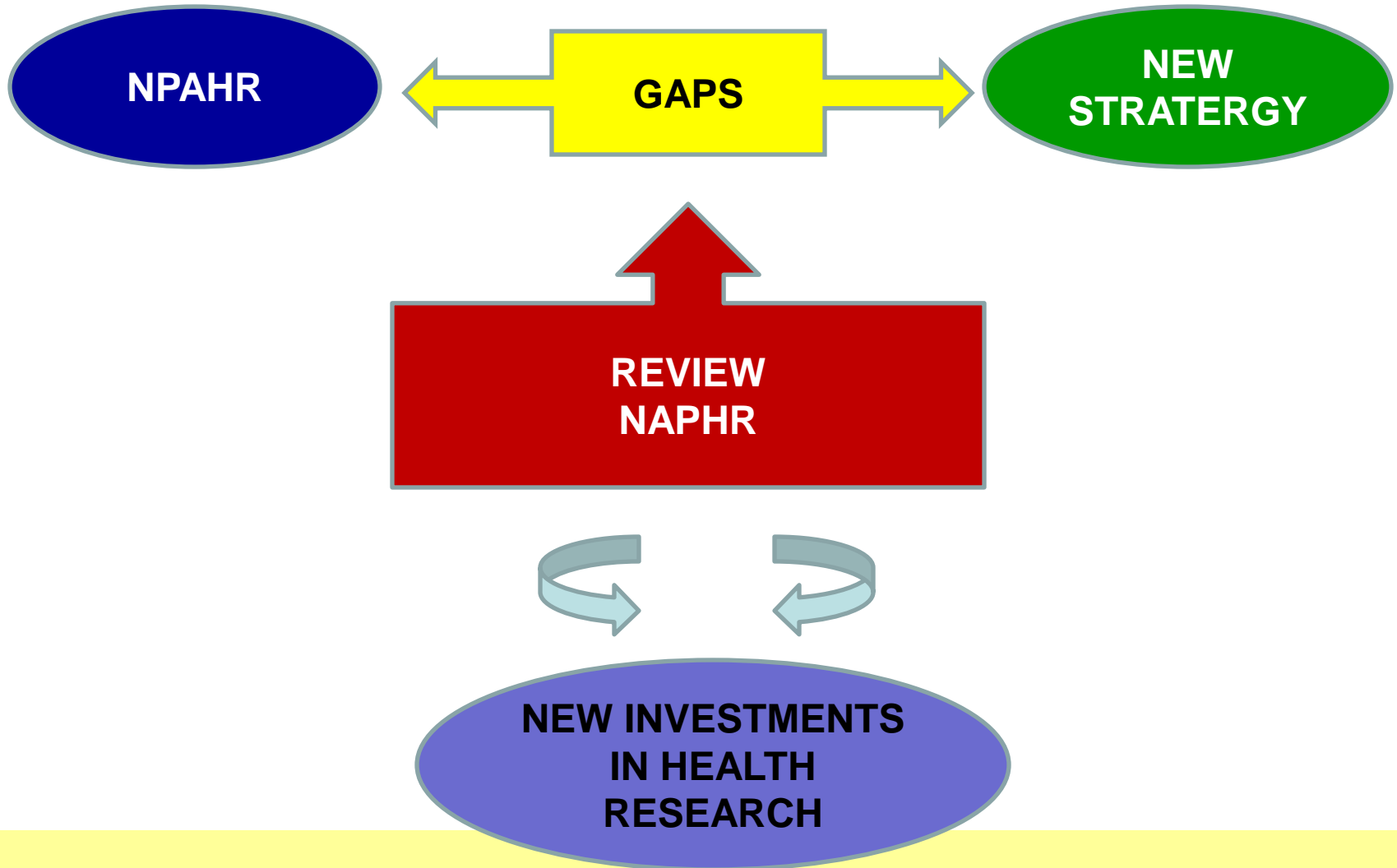
NPAHR

National Priority Agenda on Health Research - 2004

24 sub agendas



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Notable Considerations



◆ Background

In 2009 the MoH began an updating process of the National Priority Agenda on Health Research (NPAHR).



◆ Simple questions

Delphi method used - electronic survey based on two questions



◆ Approach

Delphi is a tool for qualitative research that looks for consensus opinion of a group of experts about future events.

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Questions



◆ Question 1:

For the next 5 years , what will be the 5 main **health problems** that the population will deal with?

◆ Question 2:

For the next 5 years , what will be the 5 main problems for the **Brazilian Public Health System (SUS)** that the population will deal with?

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Stages

◆ First

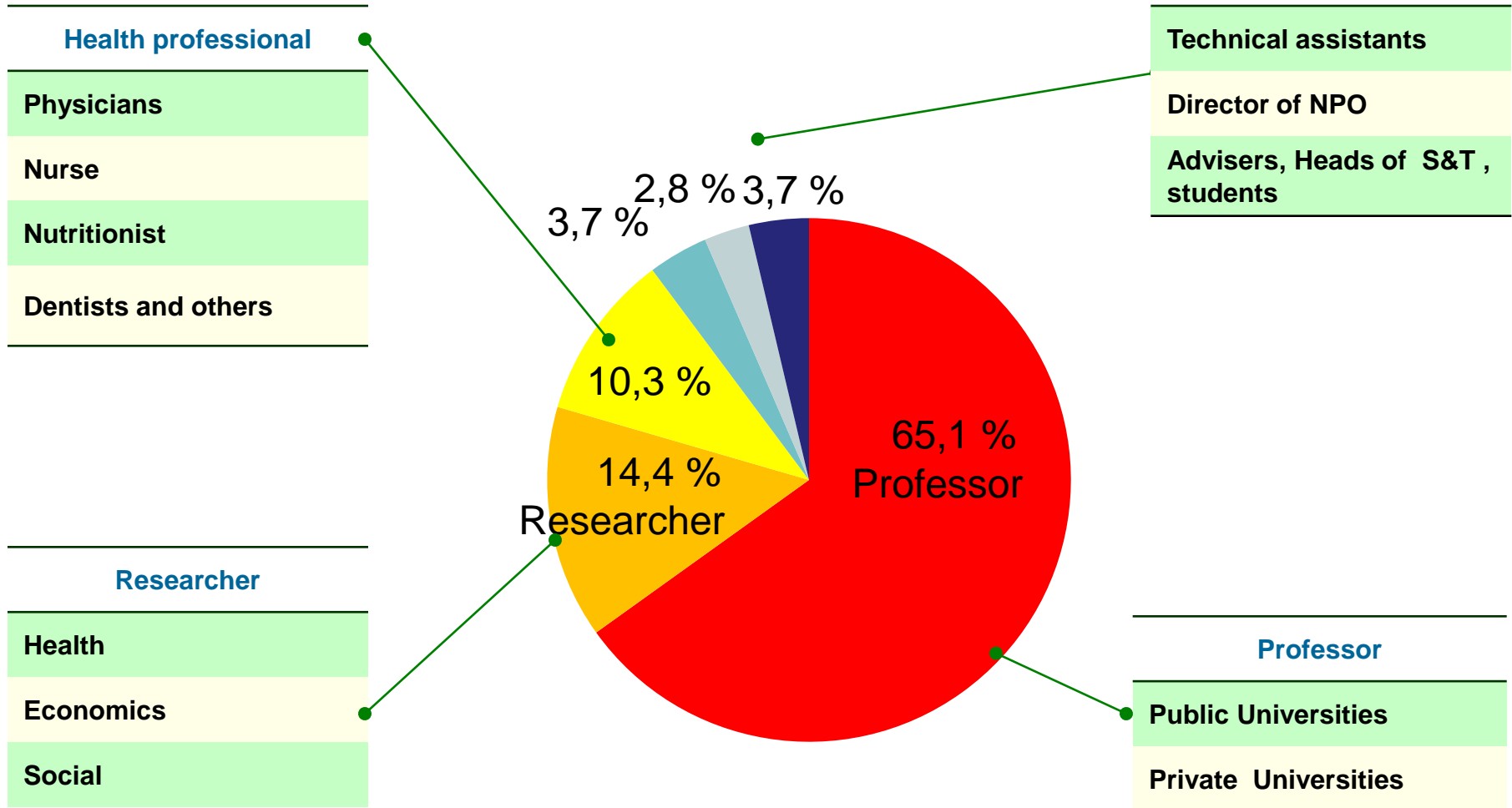
- e-mailed the questions to 2,800 specialists
- received 543 answers for both questions (20%).
- 5430 responses were examined by using a clustering procedure.

◆ Second

- selected topics that had reached at least 5% of citations.
- results grouped by topics and items
- Sent back to 543 specialists
- Priority from 1 (highest) to 5 (lowest)
- Question 1: n=423 responded
- Question 2: n= 384 responded



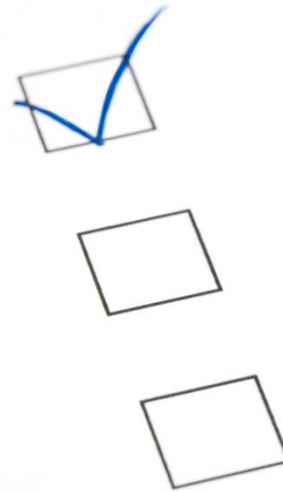
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HTA field - Highest Score

- Development of new diagnosis technologies: practical application, efficient and cheap
- Efficacy evaluation of new technologies and health inputs
- Cost-effectiveness evaluation of innovations
- Financial cost from technology incorporation
- Criteria development to guide technology incorporation.



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Method limitations

- ◆ Low average of responses
- ◆ Answerers with personal interests
- ◆ Open question – subjective answerers
- ◆ Consensus is difficult

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Key Challenges in Brazil

- ◆ **The Delphi method was a first step for the NPAHR reviewing process.**



- It serves as a base to make future prospection.
- However, its use associated with other methods gives more robust results.

- ◆ **Important to be a transparent process**

- Public consultation

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Key Challenges in Brazil

◆ Strong National Innovation System/Policy



- Define the target in the HTA field
- Priority setting for research in the HTA field must consider the differences in order to determine their own basis for national researches and decision makers to elucidate the gaps in HTA.

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Obrigada! Thank You!

Enjoy Rio! 😊

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