



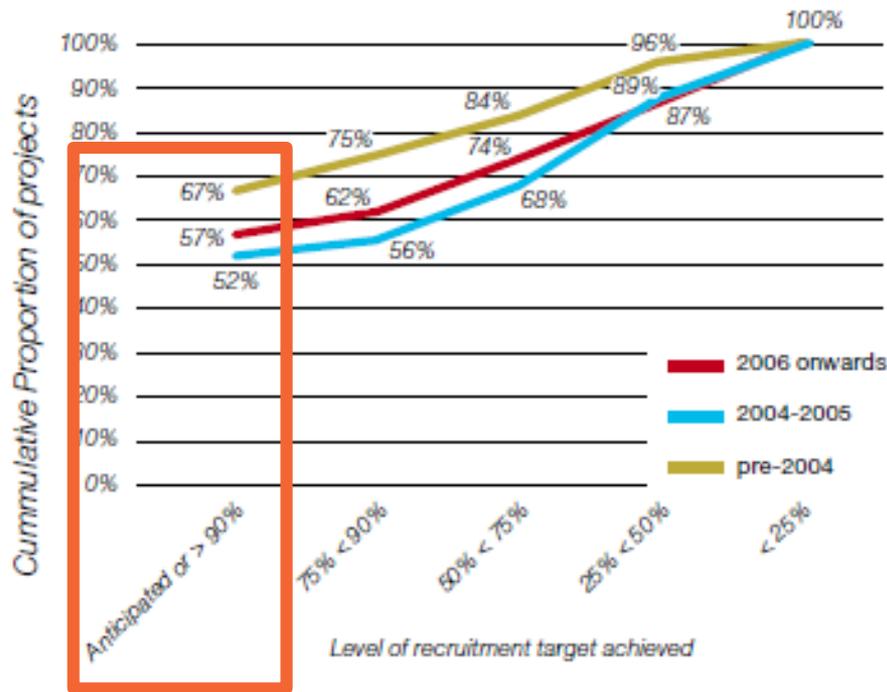
Recruitment barriers associated to prophylactic vaccine trials in Belgium

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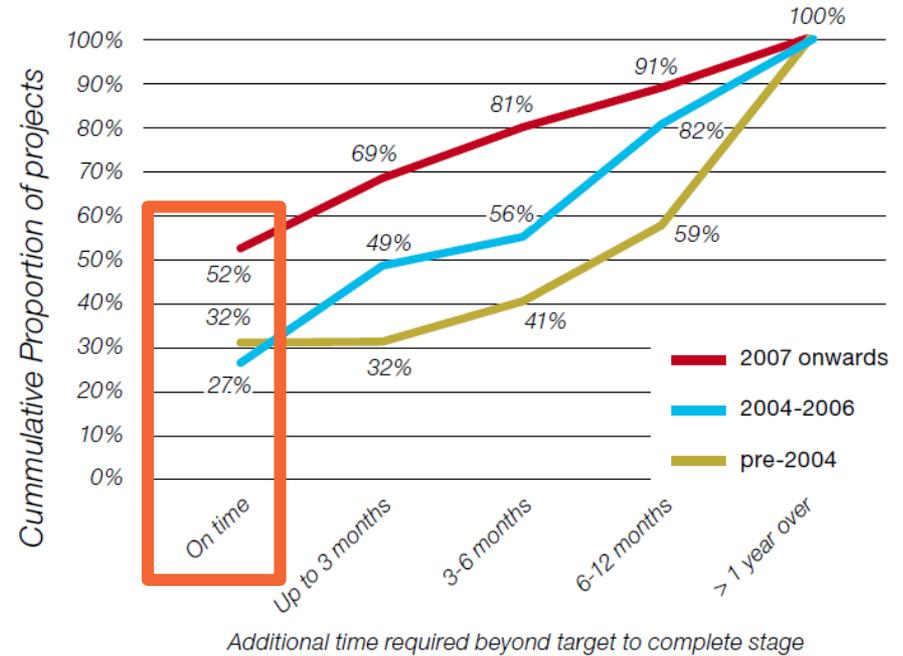
The importance of recruitment



Proportion of clinical trials reaching their recruitment target



Proportion of clinical trials completing recruitment stage on time



Swan et al., 2009, Warwick Business School

Identified recruitment barriers for prophylactic vaccine trials in Belgium

Three areas of focus to improve recruitment

Survey about recruitment barriers



- Sponsor organisation: 20%
- CRO: 28%
- Public investigator site: 32%
- Private investigator site: 8%
- Other: 12%

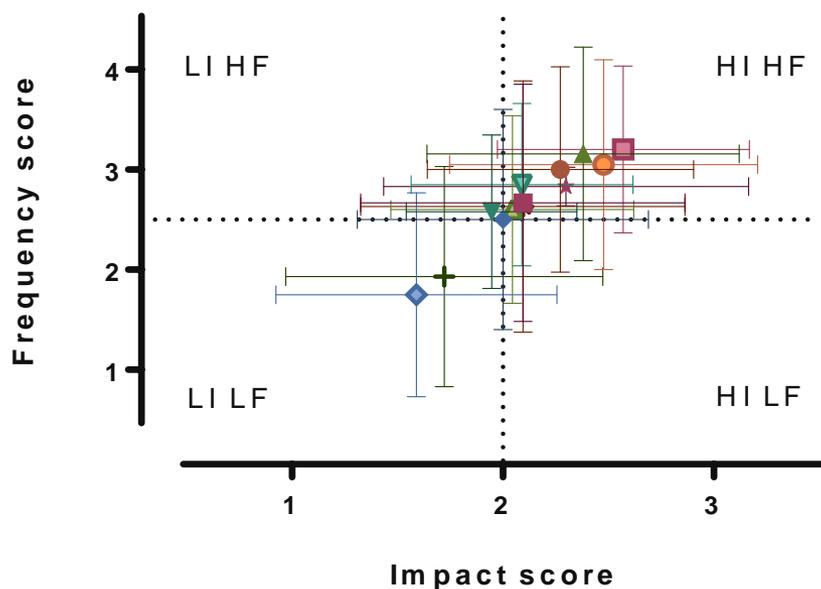


Harrington et al., *under peer review*

Survey about recruitment barriers



Recruitment barriers: impact and frequency map

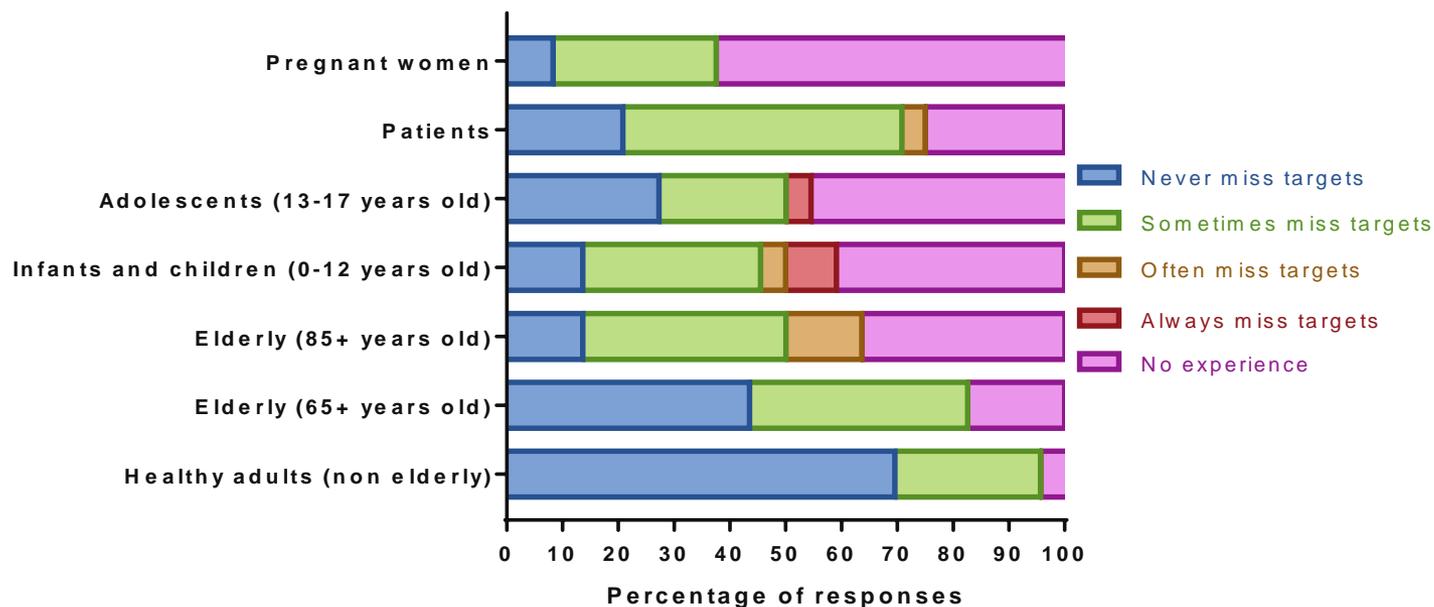


- | | |
|--|--------------------------------------|
| ■ Visit schedule | ● Selection criteria |
| ▲ Public knowledge of the disease | ● Recruitment budget |
| ★ Human resources dedicated to recruitment | ▼ Other protocol-related issues |
| ■ Public knowledge of clinical trials | * Training/experience in recruitment |
| ▲ Trial design | ◆ Transport access to trial site |
| ▼ Vaccine hesitancy | + Disincentives of HCPs to recruit |
| ◆ Consent process | |

Data from Harrington et al., *under peer review*

N=20-23

Recruitment success for different populations



Database of volunteers

- 81% of survey respondents reported that having a database of volunteers is a successful strategy

Dedicated staff for recruitment

- 86% of respondents reported that having dedicated HR for recruitment is a successful strategy

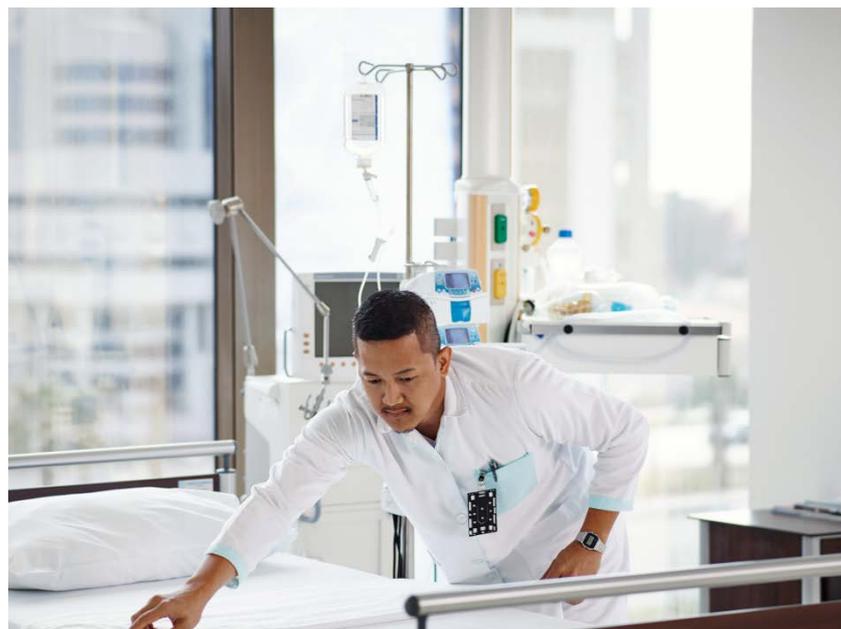
Subjects come back for future studies



Difficult to recruit populations



- Populations are dynamic
- Populations not typically found on a database
- Accessed via hospitals, clinics, other HCPs
- Recruited outside of full-time research setting
 - Fewer resources
 - Must balance care-giving activities with research activities



All populations

A decision of cost versus benefit

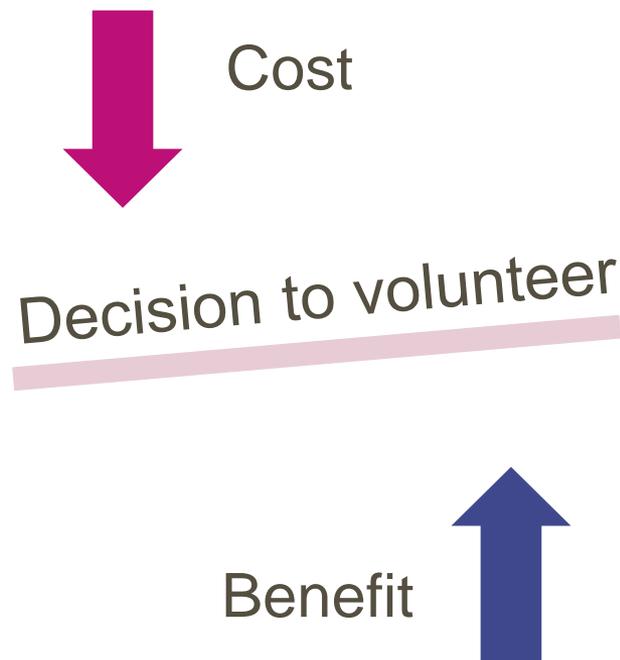


Cost:

- Convenience of visit schedule
- Time off work, school etc
- Getting to the trial site

Benefit:

- Motivation is altruism
- Contributing to science/medicine
- Relies on understanding the burden of disease



Ways to improve recruitment



Facilitate HCP participation in clinical trials of prophylactic vaccines

HCP networks. Sharing knowledge and resources
Training in research



Increase public awareness of infectious diseases

Public campaigning
Education



Increase the flexibility of clinical trials, to reduce the burden to volunteer

Mobile units: bringing the trial to the subject

Increase the pool of people willing to volunteer for a prophylactic vaccine trial

Increase the probability of success in recruiting eligible people



Thank you for your attention

Recruitment strategies

