A priority-setting mechanism for national evidence-based consumer health information

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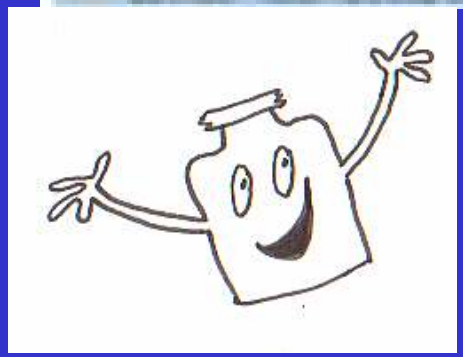
Melbourne Cochrane Colloquium
26 October 2005
www.iqwig.de

Evening Times
CITY HEALTH CHIEFS DEFY MINISTER
PATIENTS' FURY OVER GLASGOW BAN ON MS WONDER DRUG



I RECOMMEND YOUR REVIEW MAKES NO RECOMMENDATIONS

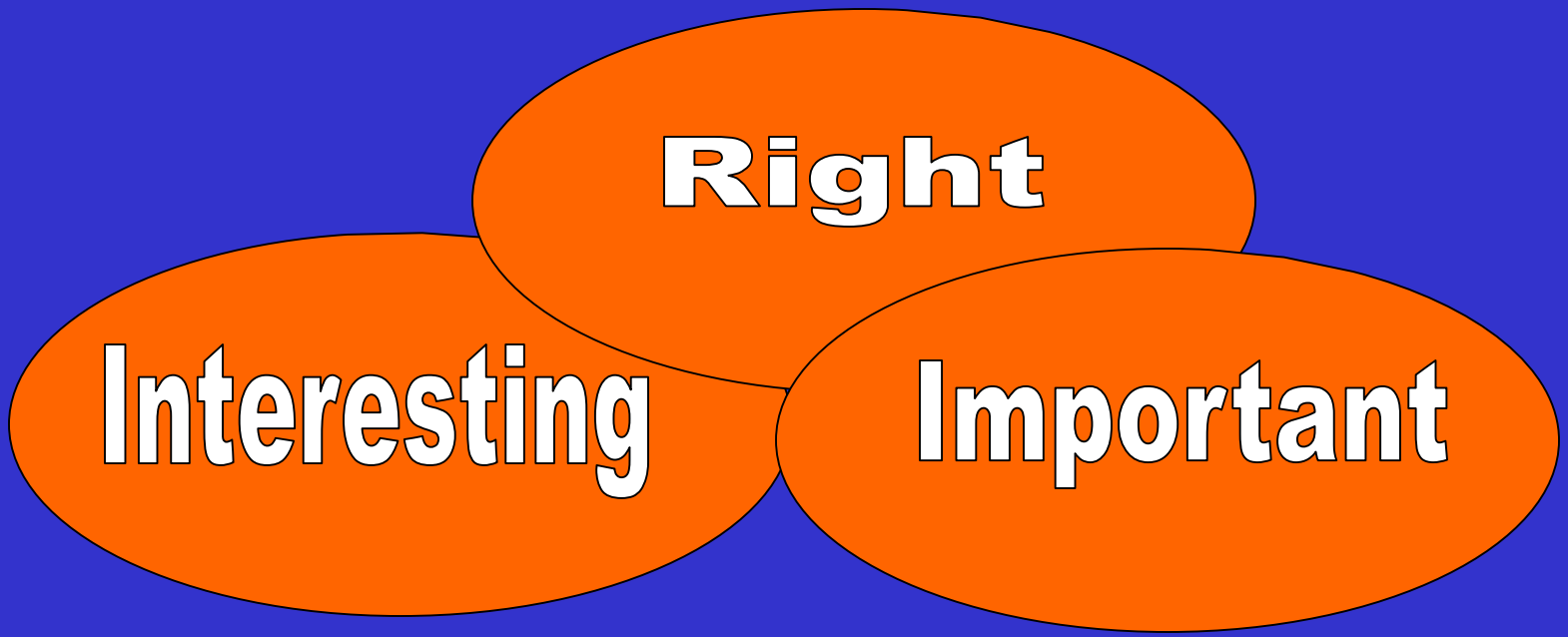
The goals

- Personal level: provide a source of trustworthy health information
- Public health level: advance basic and critical health literacy
- Get people hooked on EBM

The audience

- Medically interested lay people
- Patients
- Informers and communicators about health (trusted info seekers, consumer advocates, journalists, health care professionals)

Good reviews for patient information



What did we do?

Multiple-purpose criteria and data for consideration, including:

- **Quality and quantity of evidence**
- **Burden of disease**
- **Educational potential**
- **National priorities**

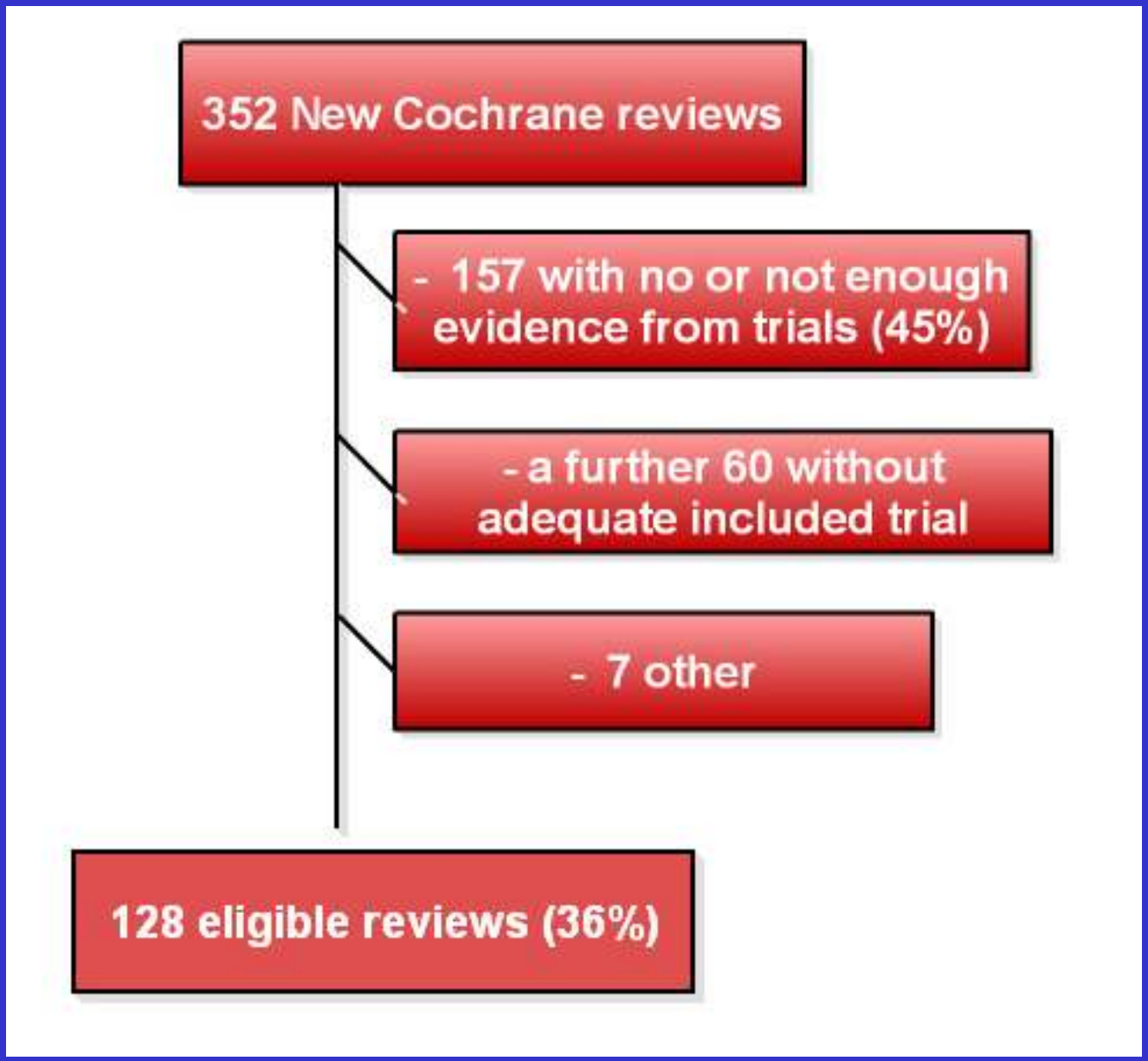
Starting point:

- Narrowed criteria down to a smaller group to try for research summaries
- Piloted at each stage, refined it
- Tested it out on one year‘s worth of new Cochrane reviews (352 reviews from issue 3 of 2004 to issue 2 of 2005)

The criteria

- Evidence criteria
  - At least one RCT determined by authors to be adequate quality, addressing patient-relevant outcome
  - Enough evidence to support a conclusion (positive, negative, neutral)

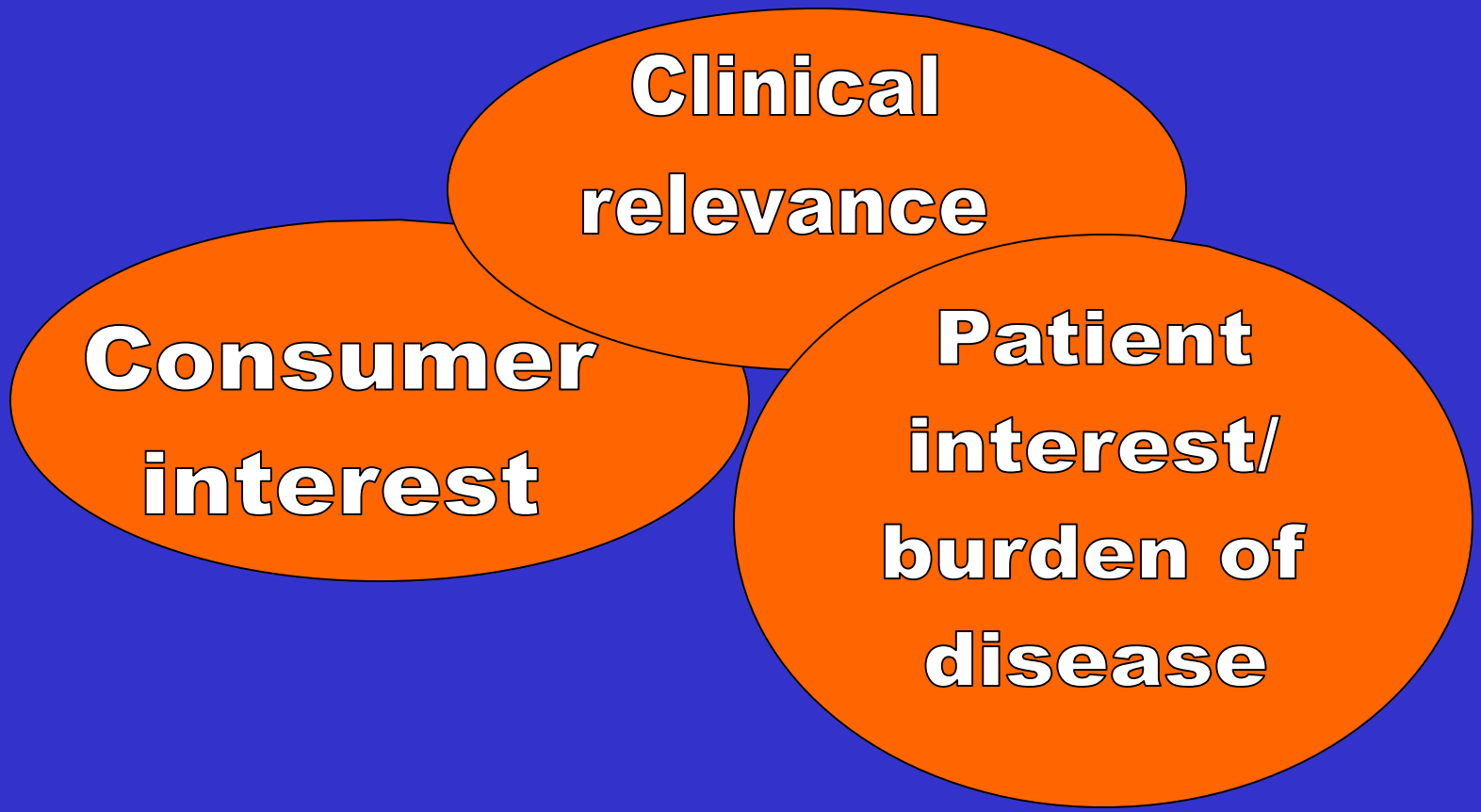
- (Later stage) At least 5/7 on Oxman and Guyatt quality score for systematic reviews
- No commercial sponsorship
- Search strategy within the last 5 years

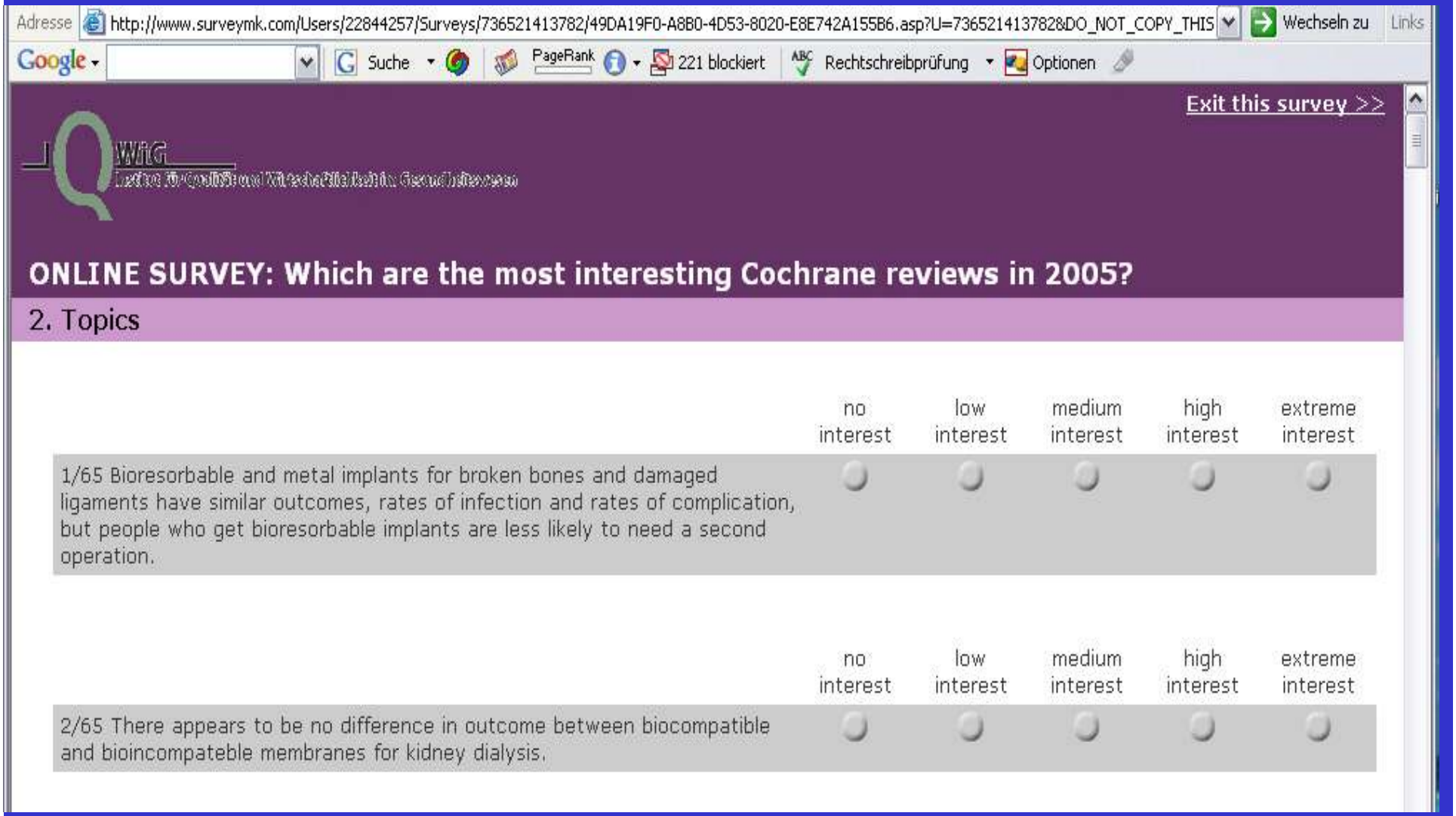

352 New Cochrane reviews
- 157 with no or not enough evidence from trials (45%)
- a further 60 without adequate included trial
- 7 other
128 eligible reviews (36%)

Results against individual filtering criteria

Didn't meet quality of included evidence criteria	111 (32%)
Had a trial, but not a patient-relevant outcome	8 (2%)
Had one or more trials, but none of adequate Q	62 (18%)
No RCT	35 (10%)
Commercial sponsorship	7 (2%)
Search strategy older than 5 years	4 (1%)

Interest and relevance

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Links
Google
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221 blockiert
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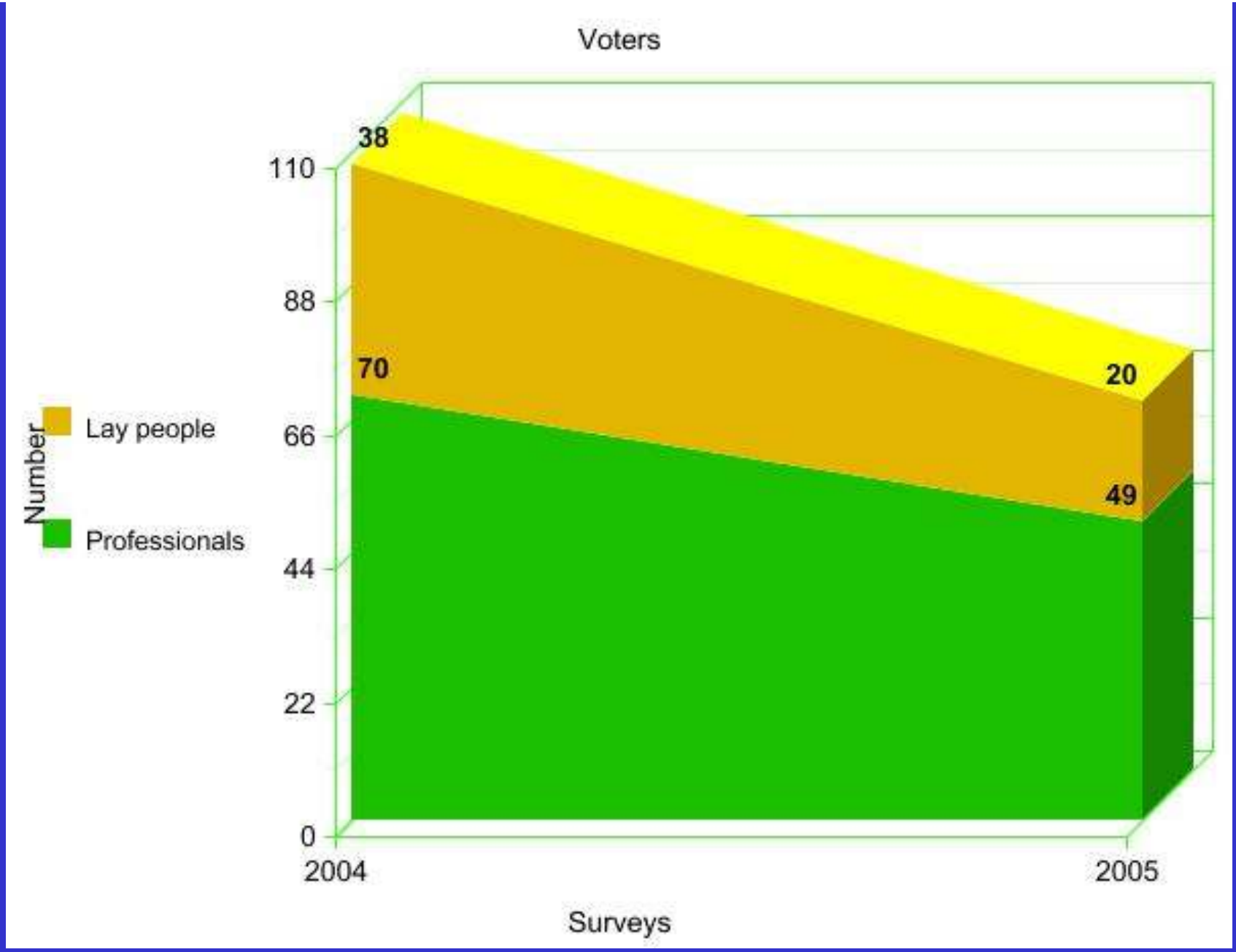
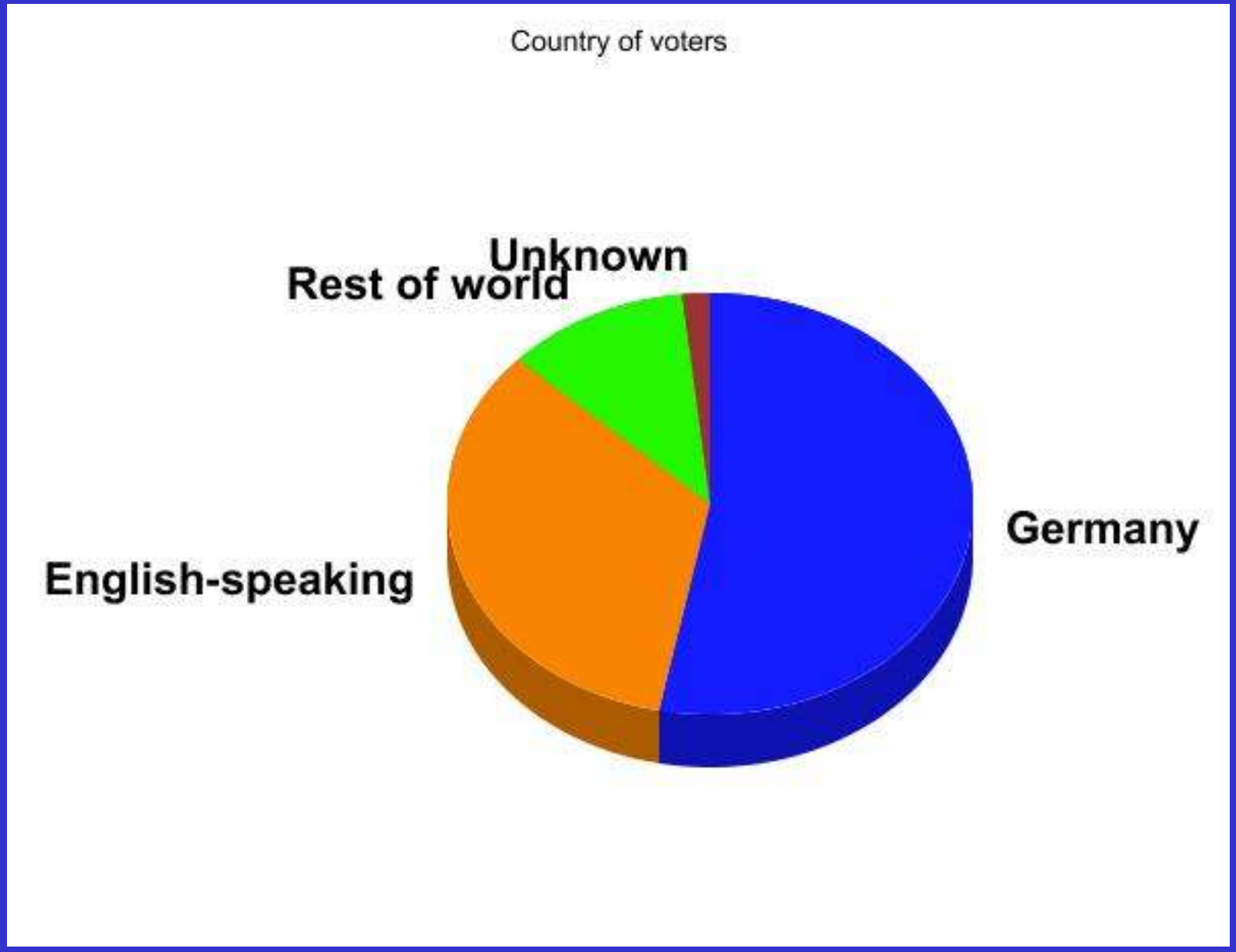
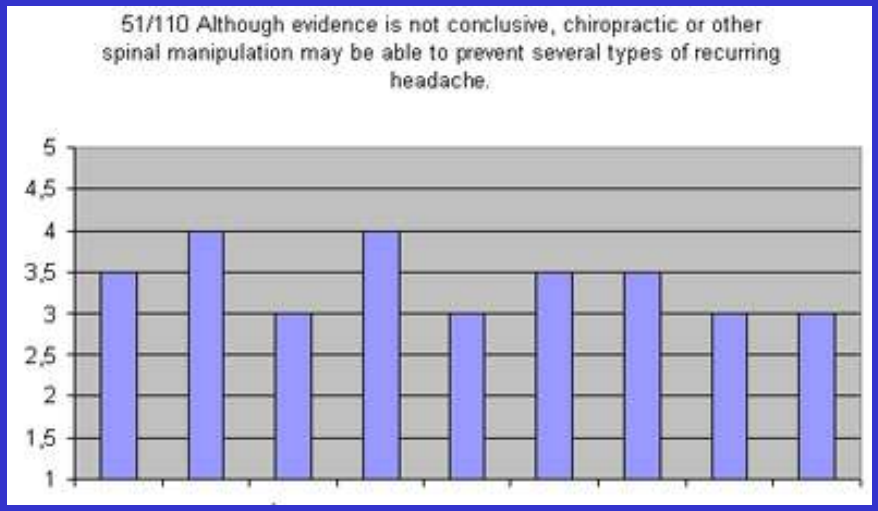
Optionen
Exit this survey >>
ONLINE SURVEY: Which are the most interesting Cochrane reviews in 2005?
2. Topics
no interest
low interest
medium interest
high interest
extreme interest
1/65 Bioresorbable and metal implants for broken bones and damaged ligaments have similar outcomes, rates of infection and rates of complication, but people who get bioresorbable implants are less likely to need a second operation.
no interest
low interest
medium interest
high interest
extreme interest
2/65 There appears to be no difference in outcome between biocompatible and bioincompateble membranes for kidney dialysis.

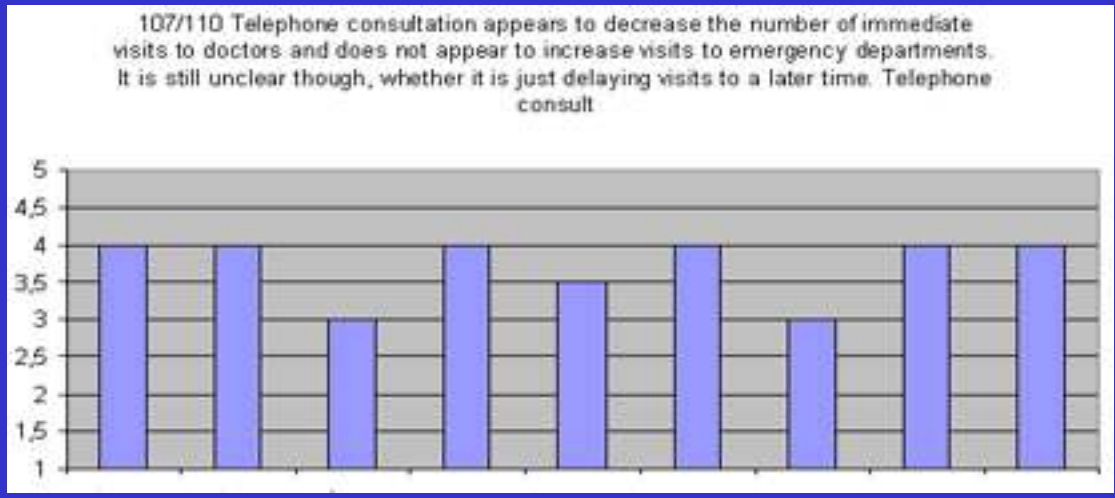


Total participants = 177 (33% medically lay people, 67% professional)


Country of voters
Unknown
Rest of world
Germany
English-speaking

No major pattern





LEVEL OF INTEREST IN REVIEWS WITH TOO LITTLE EVIDENCE

	LOW	MEDIUM	HIGH
Eligible (*n* = 29)	28%	52%	21%
Non-eligible (*n* = 45)	51%	38%	11%*

5 reviews

Top 10

Pit and fissure sealants for preventing dental decay in the permanent teeth of children and adolescents

Antiplatelet agents and anticoagulants for hypertension

School-based prevention for illicit drugs' use

Interventions for treating asymptomatic impacted wisdom teeth in adolescents and adults

Single agent versus combination chemotherapy for metastatic breast cancer

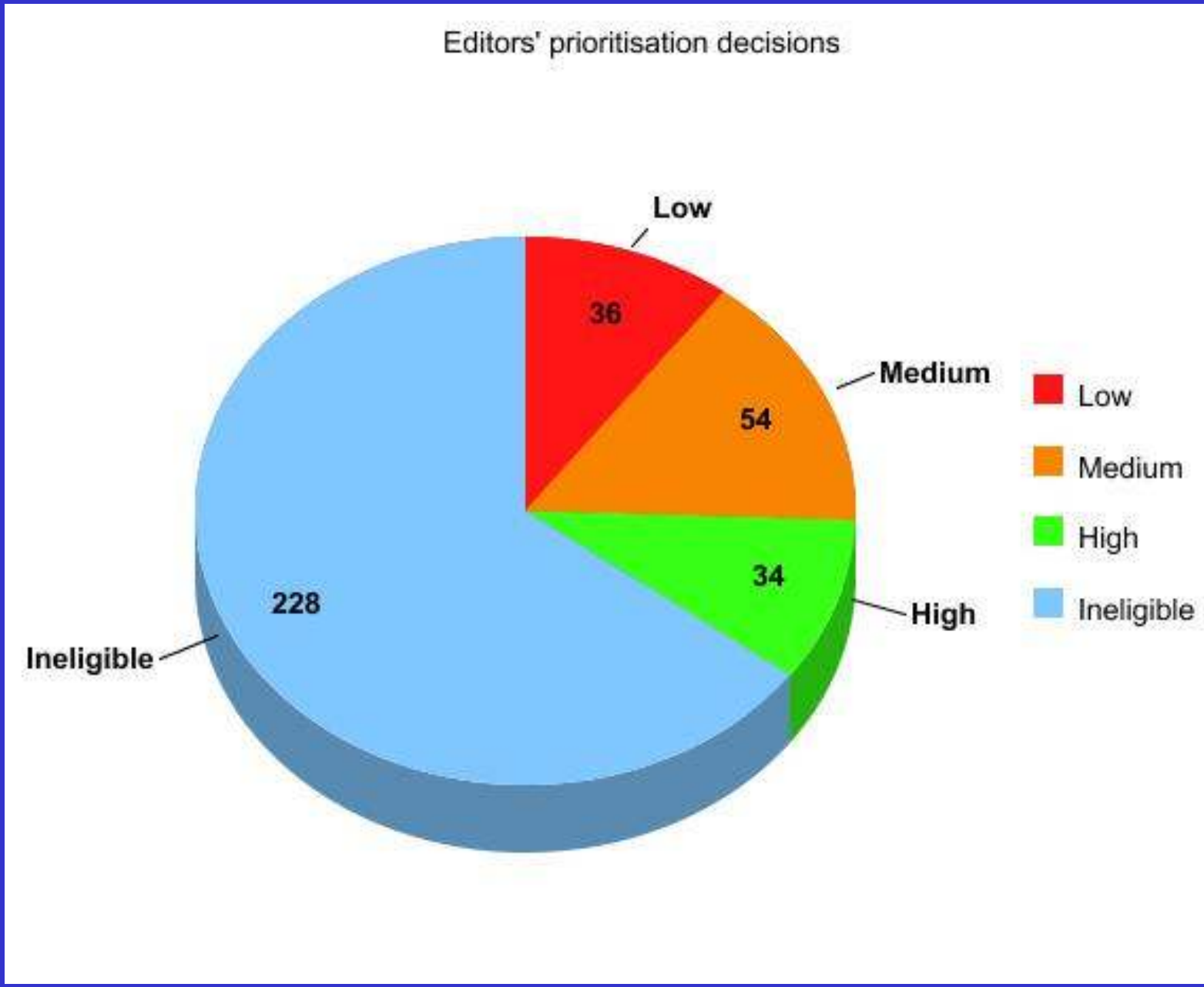
Hormone replacement therapy for preventing cardiovascular disease in post-menopausal women

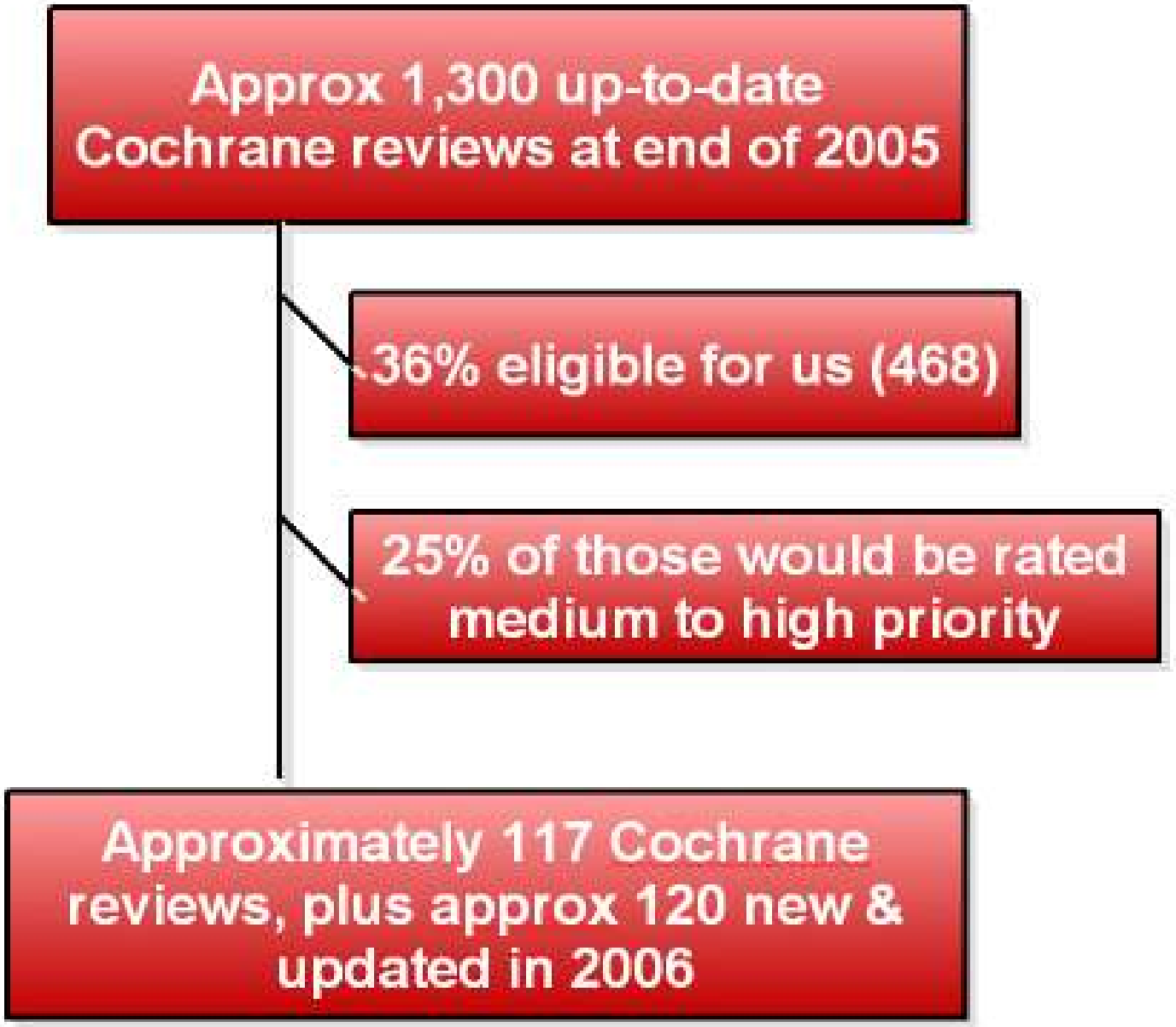
Effect of longer-term modest salt reduction on blood pressure

Exercise based rehabilitation for heart failure

Grommets (ventilation tubes) for hearing loss associated with otitis media with effusion in children

Positioning for acute respiratory distress in hospitalised infants and children


Editors' prioritisation decisions
Low
36
Medium
54
High
34
Ineligible
228
Low
Medium
High
Ineligible


Approx 1,300 up-to-date Cochrane reviews at end of 2005
36% eligible for us (468)
25% of those would be rated medium to high priority
Approximately 117 Cochrane reviews, plus approx 120 new & updated in 2006

What are we thinking?

„The survey was quite fun to complete. . . . . Looking over my answers, my own criteria for finding something interesting are not entirely clear, even to me!“

Survey participant, USA

Rules of thumb

Can the patient choose?

Is it life-threatening?

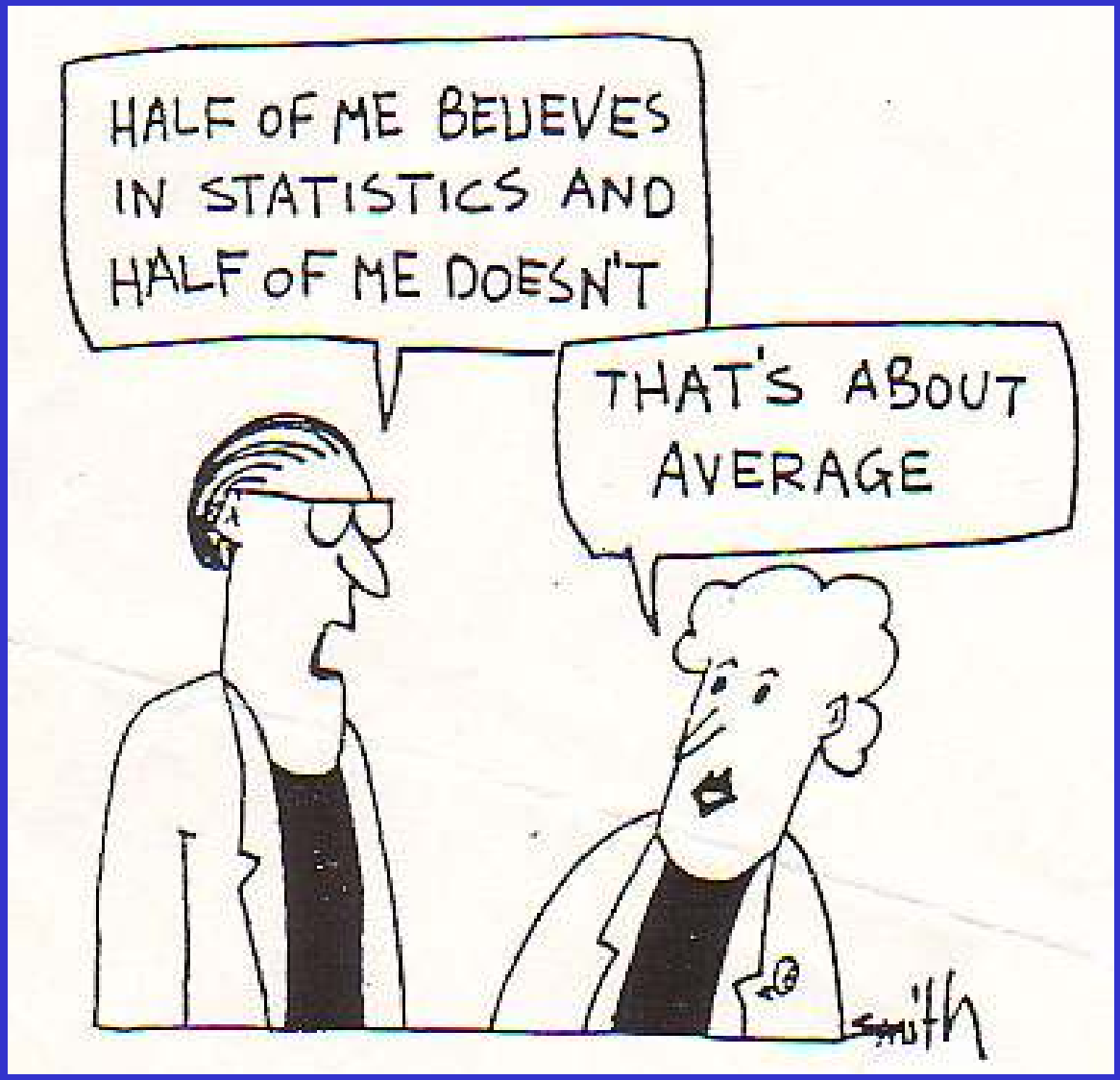
Pain?

Does the treatment do harm?

Preventive?

Local/global

How many and how deeply affected?


HALF OF ME BELIEVES IN STATISTICS AND HALF OF ME DOESN'T
THAT'S ABOUT AVERAGE
Smith

Thank you

www.gesundheitsinformation.de

www.informedhealthonline.org

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