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15th EAHIL 2016 Conference 11-13 June, Seville, Spain


How can we work more efficiently and increase the quality of literature searches by sharing literature search blocks?

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Sharing and reusing search blocks/strings in medical literature searching: Challenges for cooperation





2015: Workshop at EAHIL

- 23 participants
- More than 60 % of the participants reuse search blocks for common subjects, mainly in their own or local accounts
- All participants want to share more and in a better way

2016: Survey among 9 moderators of blogs/sites for sharing search blocks

Blocks, filters, hedges, strategy...

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WHAT'S
IN A
NAME?



In our presentation we use «**Search blocks**»



Cindy Schmidt's Blog of searches on concepts in PubMed

MONDAY, JULY 18, 2011

COPD -- keywords and MeSH

(((airflow OR airway* OR lung[tiab] OR lungs[tiab] OR bronchopulmon*
OR bronchi OR bronchitic OR bronchial OR respiratory OR bronchiti*)
AND obstruct*) AND chronic) OR emphysem* OR COAD OR COPD
OR "Pulmonary Disease, Chronic Obstructive"[Mesh])

The above is based, in large part, on the COPD keyword strategy that Lorie Kloda has posted on this blog.

POSTED BY CINDY SCHMIDT, M.D., M.L.S. AT 8:04 AM



LABELS: "CHRONIC OBSTRUCTIVE PULMONARY DISEASE", COPD

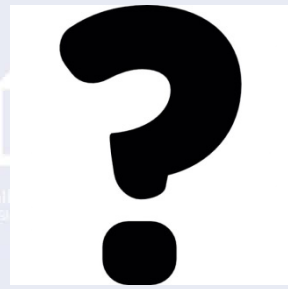
Questions in the survey 2016

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- time/effort/budget, control/quality
- responsibilities
- strengths and weaknesses
- lessons learned
- plans for the future

Results of the survey

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90 % responded



Respondents

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<i>Name</i>	<i>Country</i>	Number of search blocks
Cindy Schmidt's blog	USA	325
ISSG - InterTASC Information Specialists' Sub-Group	UK	100
Search string digest CADTH	Canada	175
Health Sciences Search Filters	Canada Alberta	35
Flinders filters	Australia	100
BMI Search Blocks	The Netherlands	300+
Search service [Søketjenesten – Helsebiblioteket]	Norway	116
Clinical procedures [Fagprosedyrer]	Norway	124
Medterm Assist	USA Pittsburgh	44

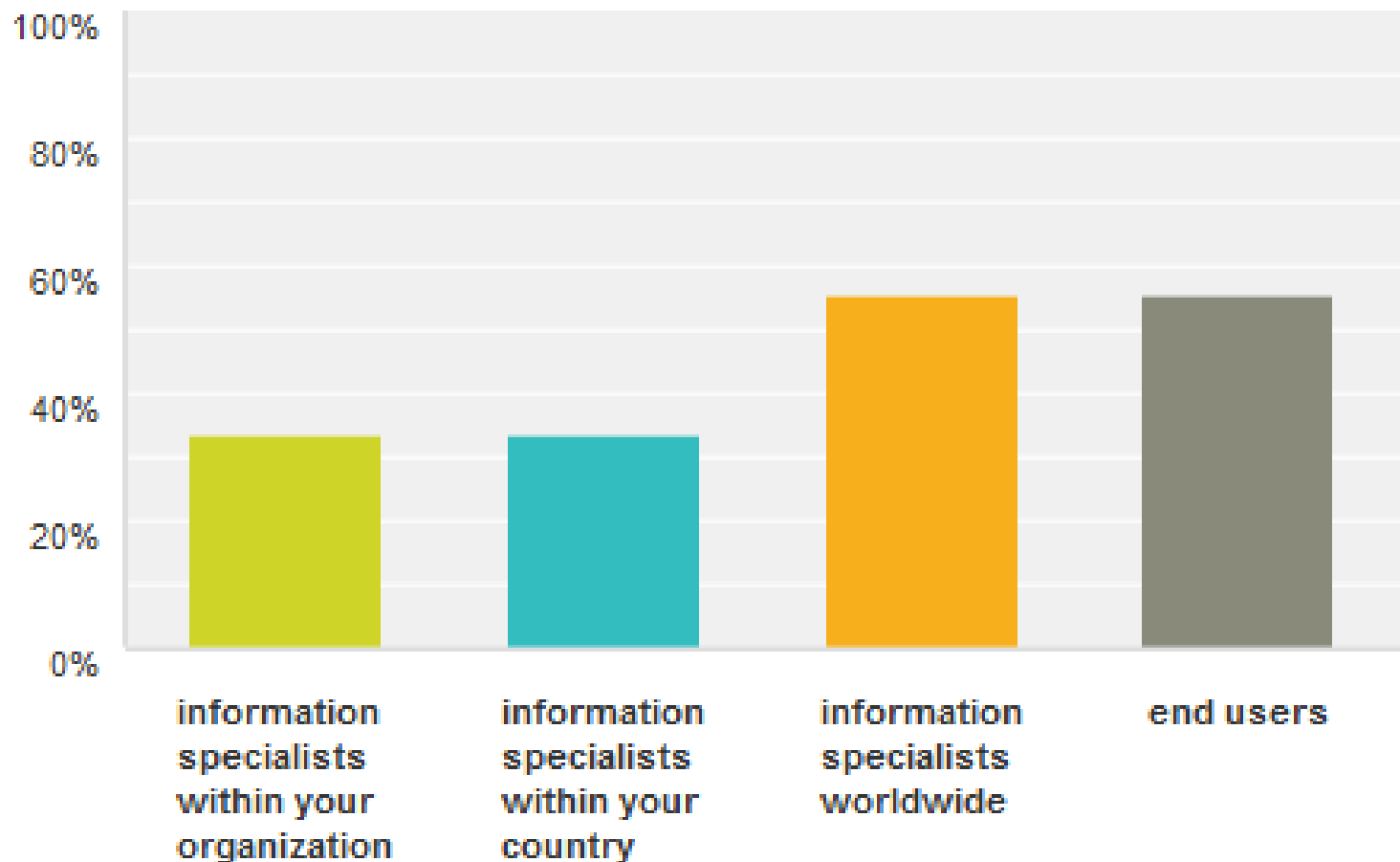
Aimed users and Open access

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Authors/editors: 4-5

Time needed:

A few hours/year up to 15 hours/week
During ordinary working hours

Specified budget:

Yes 1

Strengths (1)

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- **Coverage:** good range of searches
different databases/interfaces
comprehensive
international coverage
- **Access:** open to anyone
- **Quality:** innovative, some consistency

Strengths (2)

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- **Time saving**
- **Functionality:**
 - searching or browsing
 - easy adding new blocks
 - author notes and feedback
- **Design: easy to use**

Weaknesses (1)

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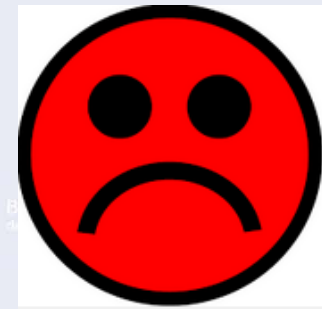


- **Coverage:** range of topics still limited,
not adapted to various databases
- **Format:** not standardized
- **Functionality:** feedback missing
- **Quality:** consistency is varying
update needed

Weaknesses (2)

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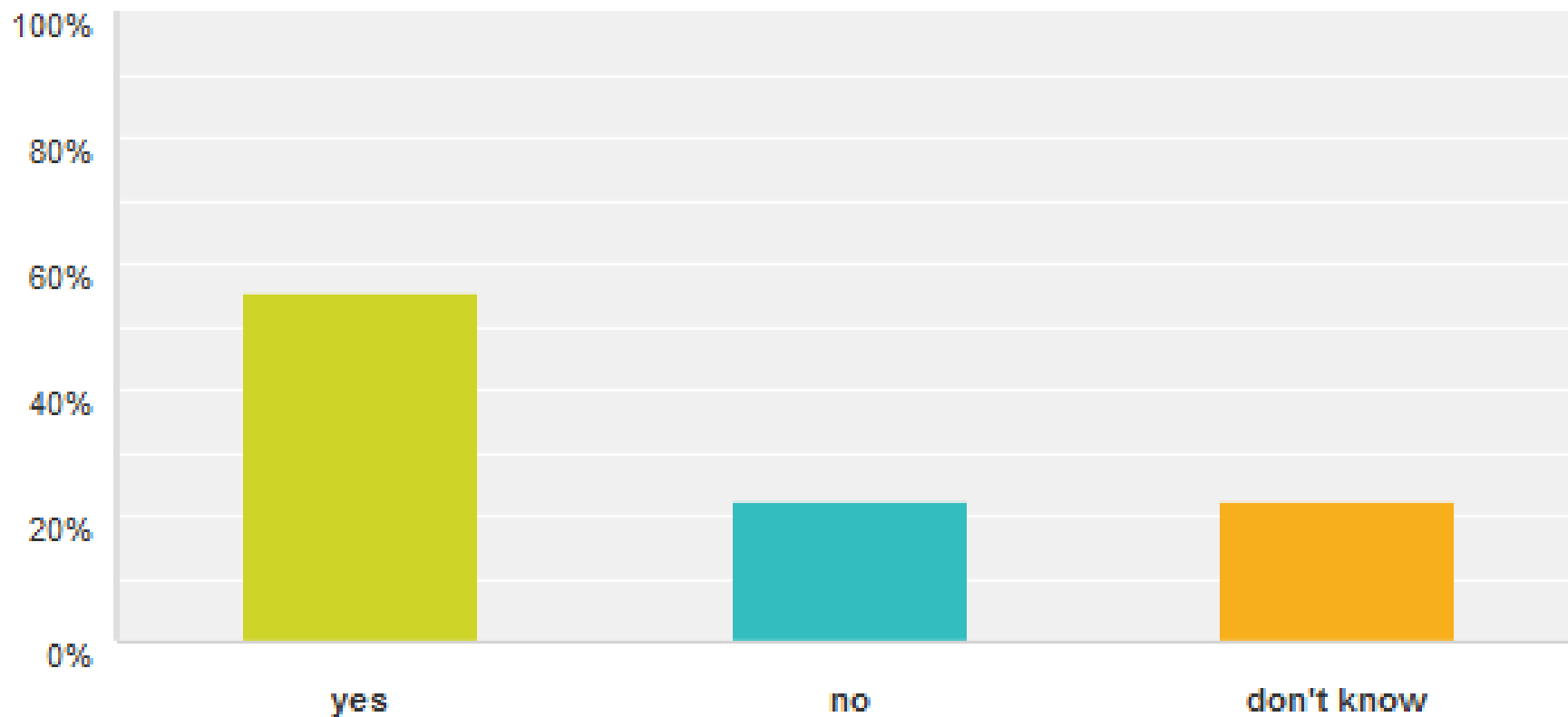
- **Access:** site is hidden or difficult to find
- **Use:** no idea of reuse
- **Time** constraint for further development
- **Design:** poor

Willingness to cooperate

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Cooperation

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How?

- Using same platform
- Partnership
- Linking
- Accepting search blocks from others



Merging sites

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Useful?

No (2) or don't know (7)

Why?

Specific searches for internal projects

Already link to others

Won't give up own site

Conclusions

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- Sites are for different purposes, heterogeneous
- Willing to cooperate
- Promoting sharing sites

Discussion

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- Reusing search blocks as a starting point
- Sharing own search blocks
- Promoting sites on EAHIL web site

Now it is up to us! 2016

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Acknowledgements and contact

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Bergen University library



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