

19-20 October 2014 • Barcelona, Spain



Improving knowledge and attitudes of bachelor students in nursing/ midwifery regarding care for HIV persons

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- Nursing and midwifery students are often needlessly afraid of HIV-transmission
- This is reflected in their attitudes towards patients living with HIV
- This is not reflected in their application of standard precautions

Kayaert, G. Van den Eynde, S. & Deschamps A. (2013)



To improve the knowledge, attitudes & behaviour

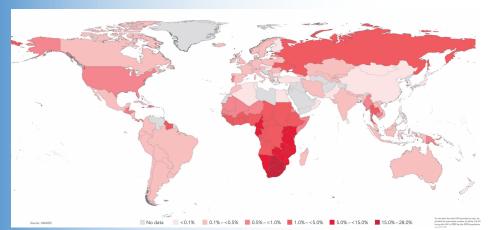
of bachelor students in nursing and midwifery

regarding HIV patients and HIV care





- Single center study: the Leuven University College
- Sample: first year students in nursing & midwifery
- Questionnaire before the intervention (n=109)
- 2- hour interactive intervention
- Questionnaire after the intervention (n= 92)
- Questionnaire 3-4 weeks after intervention (n=55)















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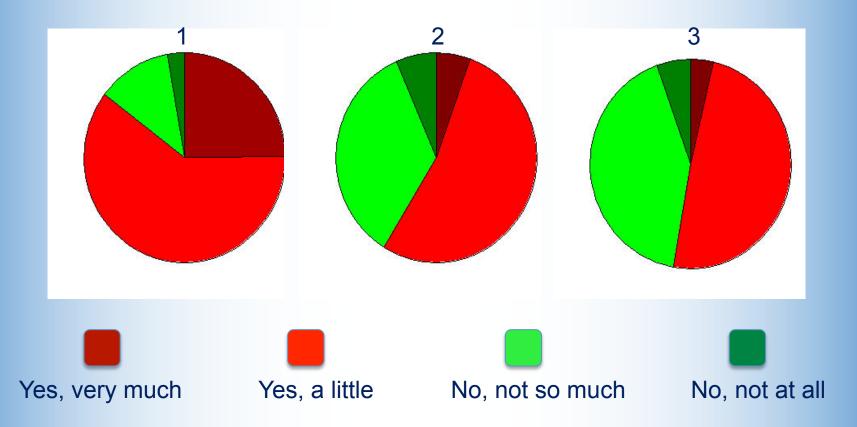
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Transmission risk is impossible or nearly impossible in %

Questionnaire	1	2	3
Working nearby an HIV positive person	70	89	93
Eating in a restaurant with an HIV positive cook	44	97	87
Receiving a blood transfusion in Belgium	70	90	74
Sharing glasses, plates and cutlery with an HIV positive person	58	96	91
Mosquito bites	36	95	71
Using public toilets	61	95	87

Would you be worried if you had to take care of an HIV positive person?

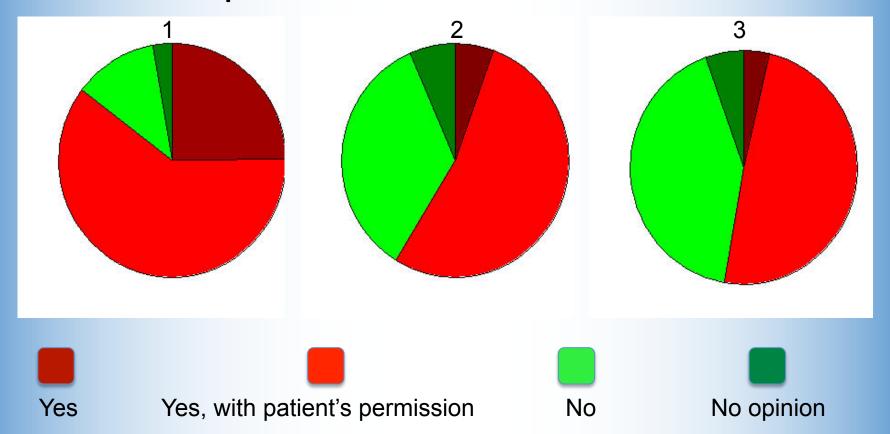




Attitude, totally agree or agree in %

Questionnaire	1	2	3
HIV positive nurses should not take care of patients anymore	17	3	2
I feel angry about the fact that I might have to take care of an HIV positive person who contracted HIV through unsafe sex	6	2	4
HIV positive persons can stay in a multiple person room	70	90	85
There should be laws to protect people with HIV from discrimination	80	82	80
Nurses should have the right to refuse to take care of an HIV positive person	27	12	27

Do you feel that every one who is admitted to a hospital should be tested for HIV?





Attitude: yes in %

Questionnaire	1	2	3
Do you feel that a permission to perform an HIV test should always be asked to the patient?	68	80	84
Do you think that nurses and midwives working in a hospital should be regularly tested on HIV?	75	53	53
Suppose that one of your colleagues is HIV positive. Do you feel that you have the right to know this, even without his/her consent?	27	9	16

What would you do after a needle stick injury in %

Questionnaire	1	2	3
Rinse with water	55	36	69
Wash with water and soap	21	13	18
Disinfect with alcohol	49	91	62
Register the needle stick injury	89	89	89
Contact the treating physician	49	63	69
Start with PEP	17	28	34



2-hour interactive intervention

 Improves knowledge, attitudes & behaviour of Bachelor students in nursing and midwifery

- Is a feasible intervention
- Should be repeated through the curriculum

Possibility of blended learning?

References

Kayaert, G.; Van den Eynde, S. Deschamps, A. (2013). Knowledge and attitudes of nursing students regarding hiv and people living with hiv. STI & AIDS World Congress, July 14-17 2013, Vienna

