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Emergency Nursing Research: Why? How?



M.Christien van der Linden, PhD MSN ACNP CEN

🔀 c.van.der.linden@mchaaglanden.nl



https://nl.linkedin.com/in/m-c-christien-van-der-linden-9aa2211a



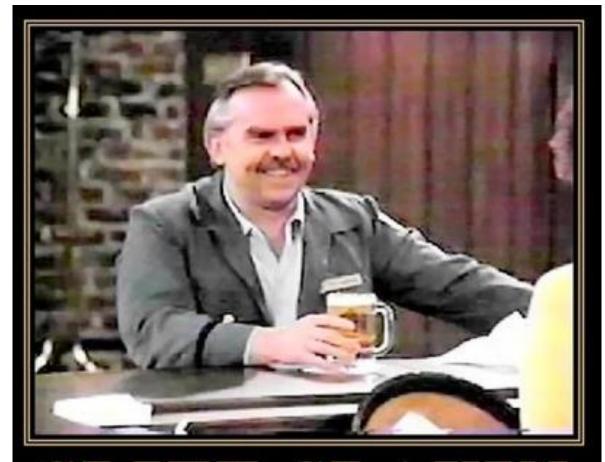


Disclosure



- Objectives:
- 1. Understanding why emergency nursing research is important
- 2. Discussing barriers and enablers of emergency nursing research
- 3. Provide practical strategies to start up nursing research

- Conflicts of interest: No
- Employer: HMC, The Netherlands
- Sponsorship / commercial support: NA



CLIFF CLAVIN ON BEER

"Well ya see, Norm, it's like this... A herd of buffalo can only move as fast as the slowest buffalo. And when the herd is hunted, it is the slowest and weakest ones at the back that are killed first. This natural selection is good for the herd as a whole, because the general speed and health of the whole group keeps improving by the regular killing of the weakest members. In much the same way, the human brain can only operate as fast as the slowest brain cells. Excessive intake of alcohol, as we know, kills brain cells. But naturally, it attacks the slowest and weakest brain cells first. In this way, regular consumption of beer eliminates the weaker brain cells, making the brain a faster and more efficient machine. That's why you always feel smarter after a few beers."

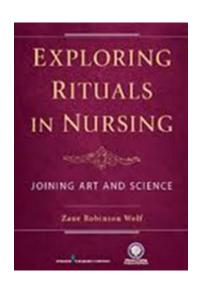


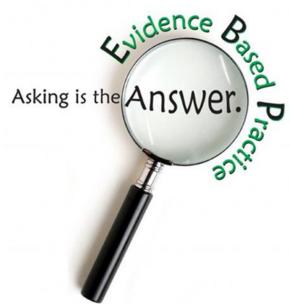




Importance of nursing research

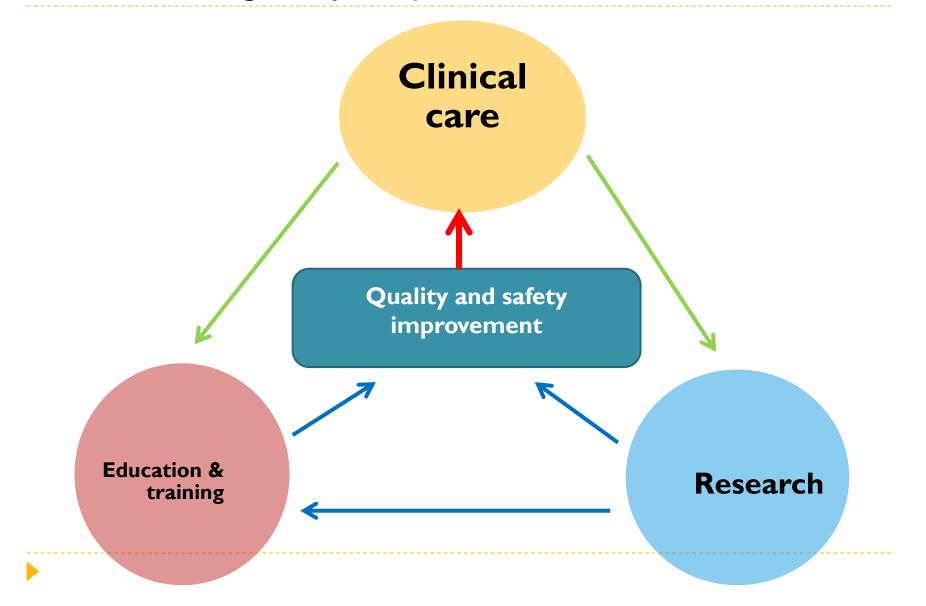
 Essential for the development of empirical knowledge that enables nurses to provide evidence-based nursing care



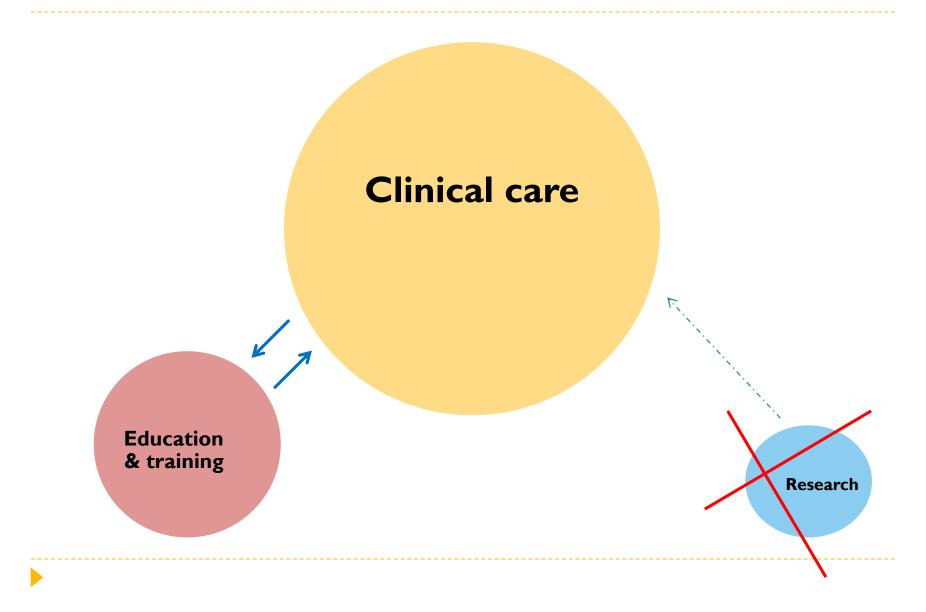


There can't be a great ED without a research culture

Ideal emergency department activities



ED activities – the real world!



MYTHS ABOUT DOING RESEARCH

- 1. You need lots of TIME
- 2. You need lots of FUNDING
 - 3. You will have NO LIFE



Barriers

- "There is no time"
- "It's too hard / complicated"
- "Our ED is too small"
- "Our ED is not university-affiliated"
- "Research projects need a special team"
- "Research does not directly impact my patients"
- "There are no research questions that are relevant for our ED"
- "We get no credit for it"
- "It's a doctor thing"





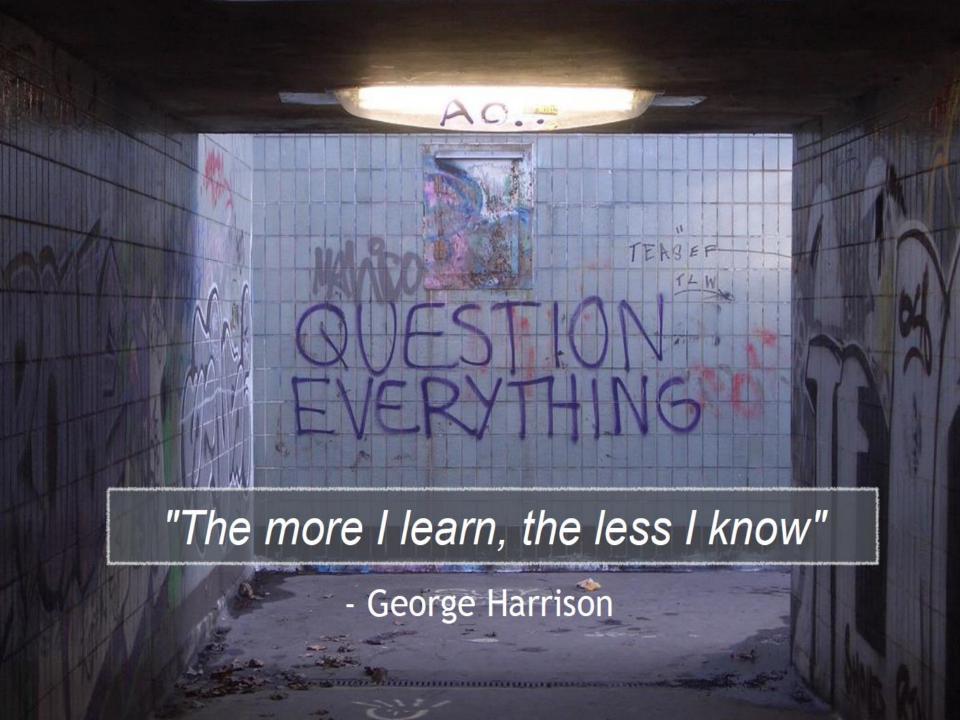




Enablers

- Lots of patients!
- Large, well educated team
- Lots of important clinical questions







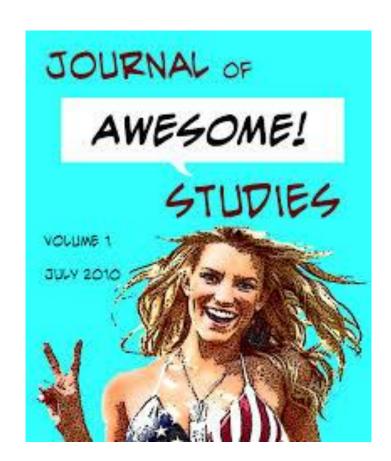


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Subjects

- Safe handover
- Medication safety
- Using advanced practice nurses
- Education and training nurses
- Interdisciplinary teamwork in critical cases
- End of life care in ED
- Dealing with nursing shortage
- Quality and cost
- And many more...



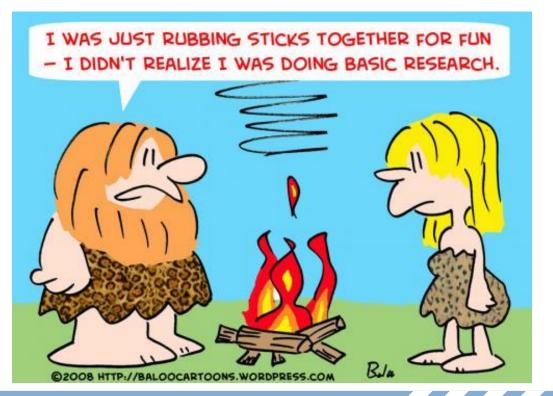






Just start....

- Work in pairs
- Keep the project small and manageable
- Retrospective data collection
- Involve co-authors
- Involve experts







Steps in the research process

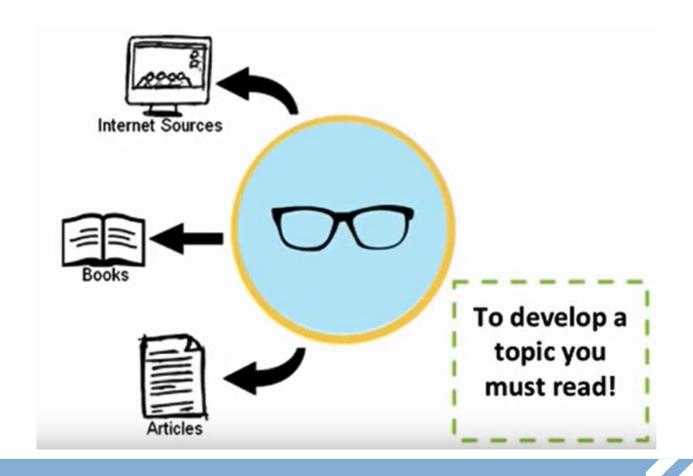
1. Select a topic 2. Define the problem 3. Review the literature 4. Formulate your hypothesis 5. Choose a research method 6. Collect your data 7. Analyze your data 8. Disseminate your findings







Developing a research question

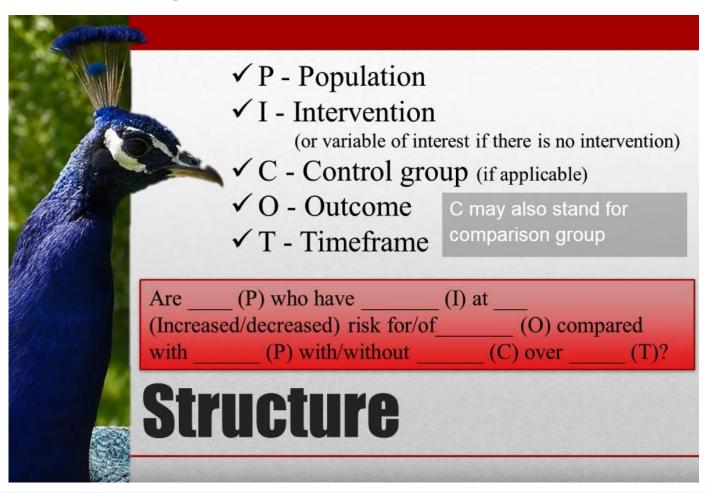


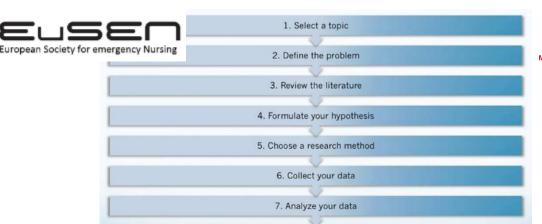






Developing a research question II



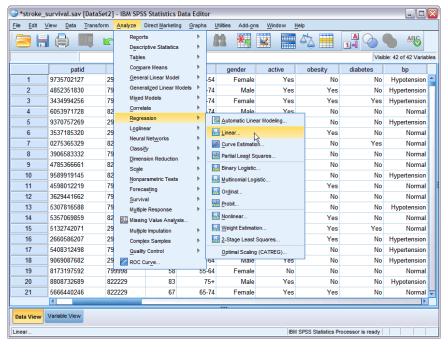


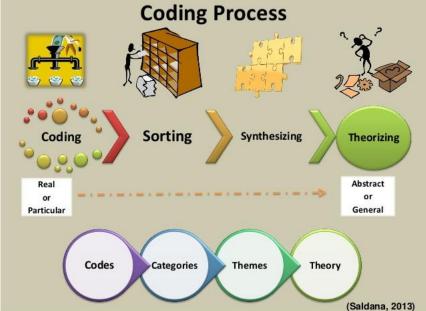
8. Disseminate your findings





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International Journal of Emergency Medicine

a SpringerOpen Journal



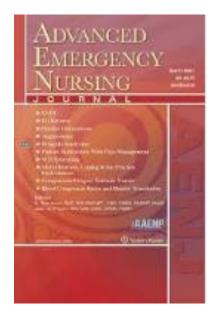
Annals of Emergency Medicine An International Journal























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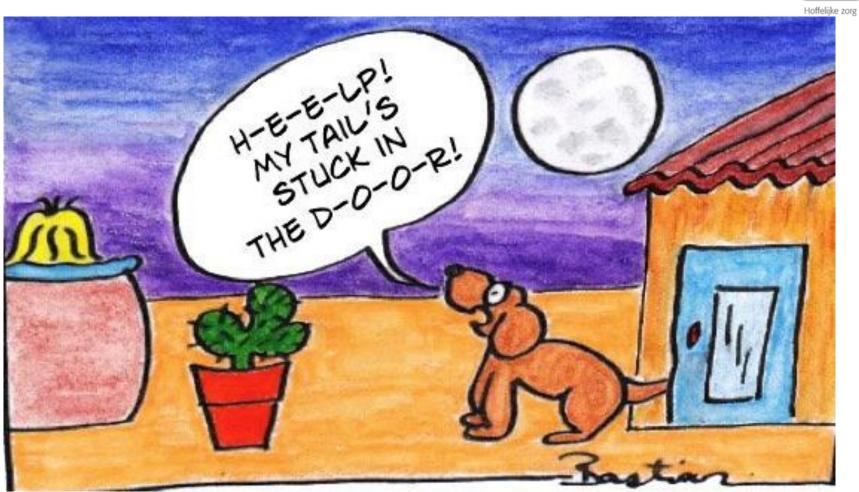
Cause and Effect















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Thank you!

M.Christien van der Linden, PhD MSN ACNP CEN

c.van.der.linden@mchaaglanden.nl

@chris10_vdl

https://nl.linkedin.com/in/m-c-christien-van-der-linden-9aa2211a