



Development of quality standards for the safe medication in nursing homes: a Delphi study

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Background national programme

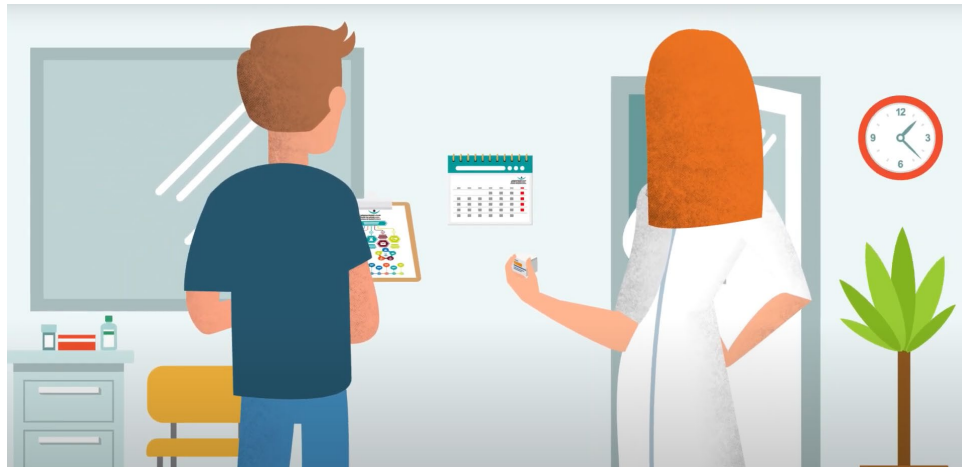
«progress! Medication safety in nursing homes»

- Background
 - programme goal: to enhance safe and resident-oriented medication in Swiss nursing homes
 - 1. phase 2016-2018, 2. phase with intervention study 2019-2021
- Collaborations:
 - financially supported by federal office of public health
 - scientific collaboration with EOC, ZHAW
 - ideally supported by



Background

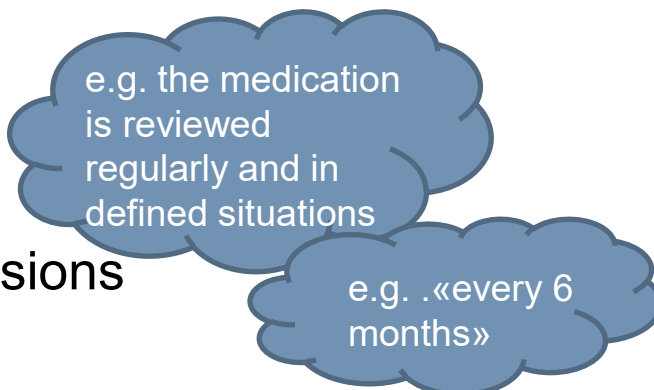
- planned intervention study
 - intervention: new processes and behaviour
 - need for minimal requirements describing the intervention
 - guidelines exist, but not suitable for Swiss nursing homes
- Aim
 - to develop quality standards reflecting the minimal requirements for processes and health care professionals' behaviour



Method: two-round Delphi consensus method

■ Basis

- 5 quality standards with 55 specifications
- based on literature, previous work, discussions



e.g. the medication
is reviewed
regularly and in
defined situations

e.g. «every 6
months»

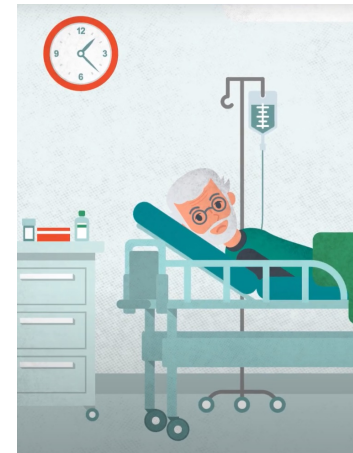
■ Delphi procedure

- 25 experts
- rating every specification's relevance:
“If this specification is consistently implemented in practice, how important is its effect on a safe and resident-oriented medication?”

more details on the method: see poster

Results: 5 quality standards with 48 specifications (shortened examples)

- QS I: “The medication is reviewed regularly and in defined situations”
 - Time between two reviews is not longer than 6 months.
 - Due dates are documented in written form.
 - Defined situations are
 - clinically relevant changes in condition
 - every readmission after hospitalization
 - new prescription by specialist



Results: 5 quality standards with 48 specifications (shortened examples)

- QS II: “The medication review is carried out in a structured way”

- The pharmacist checks the medication for misprescribing
- .. uses an explicit PIP* list
- .. passes a clear recommendation to the physician and nurse

} pharma-
ceutical
check

- The nurse monitors any potential difficulties with drug intake

} nurse's
observation

- The physician assesses any acute medication problems
- .. uses information given in the preceding steps
- .. always considers deprescribing

} medical
judgement

QS III: see poster

Results: 5 quality standards with 48 specifications (shortened examples)

- QS IV: “All health care professionals engage in an optimal interprofessional collaboration”
 - Professionals know each other.
 - They ensure their **accessibility** within a reasonable time.
 - Interprofessional routines for exchange are in place and used.



QS V: see poster

Outlook



- no intervention study due to Covid-19
- → no guided implementation and evaluation of quality standards
- new aim for the quality standards: dissemination in Switzerland
 - starting spring 2021
 - different languages
 - through various channels
 - patient safety switzerland channels
 - professional associations and other stakeholders
 - scientific publication



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Thank you for your interest



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