



Development and pilot testing of a short film explaining overdiagnosis

Dennis Fechtelpeter

Institute for Quality and Efficiency in Health
Care (IQWiG), Germany

Preventing Overdiagnosis Conference

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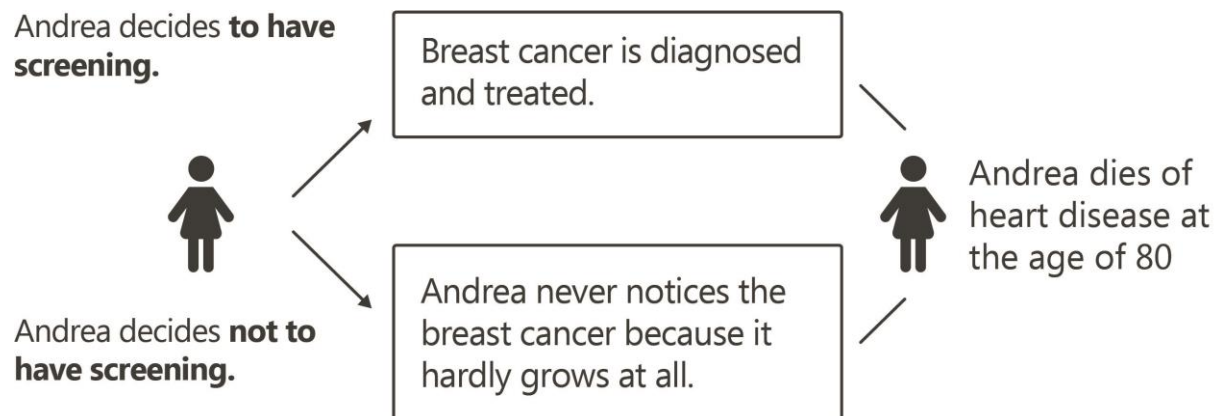
Background

- Development of a printed Decision Aid for German Mammography Screening Programme
- Sent out to all women between 50 and 69 years of age every two years

Information about overdiagnosis

Overdiagnosis: An example

Imagine a woman called Andrea. She is 60 years old and has a small, slow growing tumor in her breast. If she doesn't have breast cancer screening she never finds out about it. She dies at the age of 80, but not of breast cancer. Breast cancer screening would not have changed her life expectancy, but would have resulted in unnecessary treatment.



Helpful for some – but many women still found it hard to understand



A film might be of additional value and

- may improve understanding
- reach people that written information doesn't

Video

<https://www.informedhealth.org/what-is-overdiagnosis.3058.en.html>

User Testing

- 4 focus groups
- Semi-structured interviews
- 20 men and women with mixed backgrounds
- Acceptance and understandability

Results

- Design and length of the film was received very positive
- Good understandability
- Most users found content trustworthy
- Around half of participants could explain overdiagnosis somehow correctly afterwards

Results

- The majority found the film well-balanced
- Few thought it was anti-screening or manipulative
- Majority found it helpful for understanding the concept of overdiagnosis – but not helpful for the actual decision
- Preferences didn't change
- Few had problems with the example

Results

- Some were unsatisfied, because they missed concrete information on how to deal with the decision
- Few wished direct advice – some wished additional help to make an individual decision
- Some saw consequences more for treatment decision than for screening decision – screening yes, but less aggressive treatment

Limits

- Didn't measure understandability
- Selected population
- Not representative
- Additional value of film unclear

 RCT

Discussion

- Film might be a valuable additional tool for explaining overdiagnosis – acceptance was good
- Film has limits in helping with actual decision – can't replace specific decision aids
- How to integrate the information in decision making?
- Film doesn't solve the underlying problem – that overdiagnosis is a concept, that can hardly be explained quickly without raising questions

Research Group

People

Keller S, Clarin V, Dierks ML, Fechtelpeter D, Kroiss A, Meyer A, Rutz M, Scheel T,
Seidel G, Koch K

Institutions


Institute for Quality and Efficiency in Health Care (IQWiG)

How2-AG – Munich

Hanover Medical School


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Current topic
Using medication

Using medication sounds easy but it can be complicated, like when you need to use several medications over a longer period of time. What's the best way to keep track of different medications? What's important to know about antibiotics? And what should you bear in mind when giving medication to children?

Topic areas

Aging and geriatric care	Glands and hormones	Muscles, bones and joints
Airways and respiratory system	Head and nerves	Prevention
Allergies	Heart and circulation	Reproductive health and birth
Cancer	Immune system and infections	Screening
Child and family health	Individual health care services (IGEL)	Skin and hair
Digestion and metabolism	Kidneys and urinary system	Teeth and gums

Institute for Quality and Efficiency in Health Care (IQWiG)

- Im Mediapark 8
- D-50670 Cologne

- Telefon +49-221/3 56 85-0
- Telefax +49-221/3 56 85-1

- info@iqwig.de
- www.iqwig.de

