

A DISCUSSION ON TRENDS IN MODERN HEALTHCARE AND HOW TO PREPARE OT-STUDENTS

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CENTRAL QUESTION:

ARE YOU PREPARED FOR MODERN
HEALTHCARE?

GOAL

- Develop concrete ideas on how we can prepare OT-students for modern healthcare.
- We will do this by
 - Discussing five trends in modern healthcare
 - Sharing our experiences and best practices in a brainstorm session

OUTLINE

- Definition of 'Modern Healthcare'
- Why this subject
- Five trends in modern healthcare
- Creative brainstorm session
- Presentations ideas
- Discussion
- Conclusion
- Reflection

DEFINITION OF 'MODERN HEALTHCARE'

- One definition?
- How would you define 'Modern Healthcare'?
- Name some trends and possible dilemma's...



WHY THIS SUBJECT

- ‘A discussion on trends in modern healthcare and how to prepare OT-students’
- Dilemma’s pertaining to
 - Sensory integration
 - Creative methods in OT
 - PAR: *‘Participatory Action Research, creative methods and occupational therapy’*

TRENDS IN MODERN HEALTHCARE

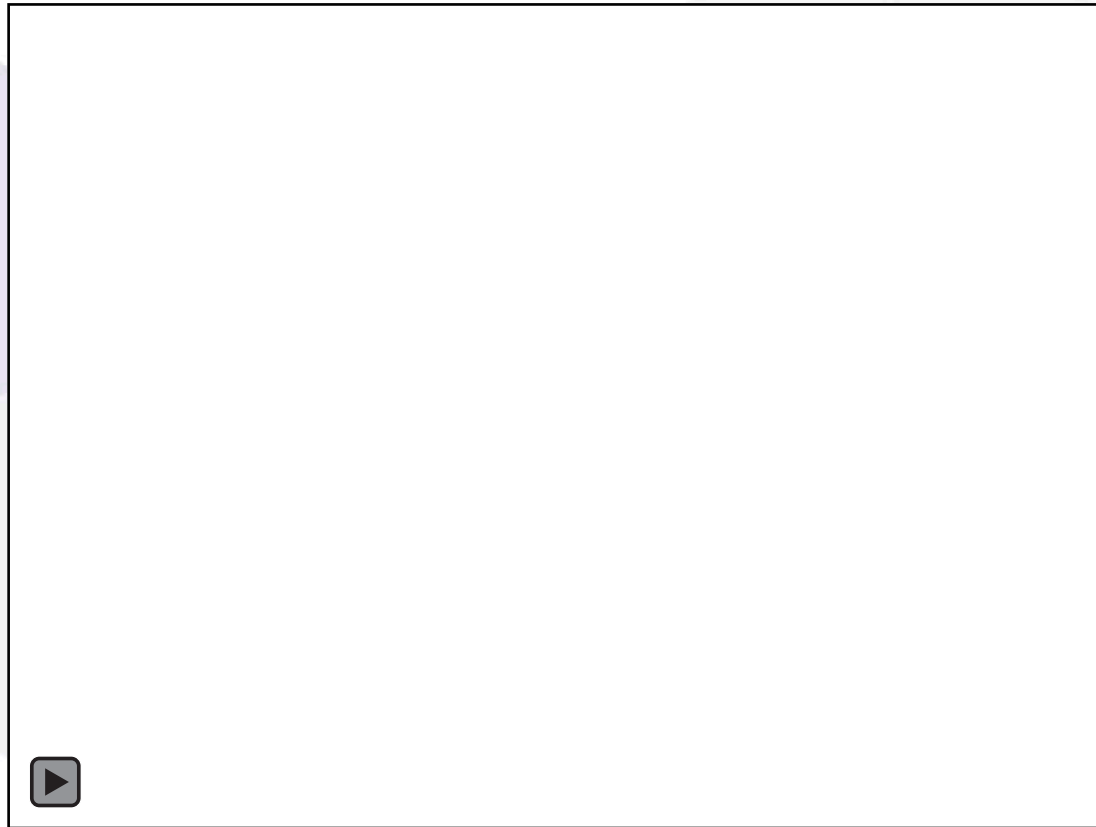
- Five trends:
 1. Aging population
 2. Market-oriented healthcare
 3. Primary care
 4. Medical advancement
 5. Technology

1. AGING POPULATION

- Increasing health costs in West-Europe
- Challenge
 - Comorbidity
- Chances
 - Stay home as long as possible
 - Focus on prevention
 - Preventive lifestyle-oriented occupational therapy intervention

(Messiaen, 2015), (RVZ, 2010), (Hoof et al., 2014) & (Clarck et al., 2012)

DO STUDENTS FEEL PREPARED FOR THE TREND AGING POPULATION?



2. MARKET-ORIENTED HEALTHCARE

- More laws and regulations
 - Challenges
 - More requirements in less time
 - Commercial healthcare insurances
 - *“We have to be prepared for healthcare insurances who gain more and more power”*
 - Evidence based practices
- How do OT's stay client-centered in market-orientated healthcare?

DO STUDENTS FEEL PREPARED FOR THE TREND MARKET-ORIENTED HEATHCARE?



3. PRIMARY CARE

- Secondary care → primary care
- OT in primary care
 - Context-based
 - Private practice: 4% in 2004 → 15% in 2011
- Challenges
 - Complex demand (comorbidity)
 - Own responsibility
- Chances
 - Community-based
 - Innovative and enterprising

(Hartingsveldt et al., 2015)

DO STUDENTS FEEL PREPARED FOR THE TREND PRIMARY CARE?



4. MEDICAL ADVANCEMENT

- More possibilities and earlier discovering
- Challenges
 - Comorbidity
 - Overdiagnosis
- Chances
 - Paradigm: illnesses & care → Well-being and behavior
 - More medical possibilities
- Challenge: Living longer, with comorbidities

DO STUDENTS FEEL PREPARED FOR THE TREND MEDICAL ADVANCEMENT?



5. TECHNOLOGY

- Focus self-management
- Assistive technology
 - Sensors
 - Mechatronics (domotica & robots)
 - ICT & eHealth
 - Biotechnology
 - AAL: Ambient assisted living
 - Aging-in-place

5. TECHNOLOGY

- Challenges
 - Stay innovative and up to date
 - Risk: OT redundant?
- Chances
 - More creative solutions
 - Better results
 - More efficient

DO STUDENTS FEEL PREPARED FOR THE TREND TECHNOLOGY?



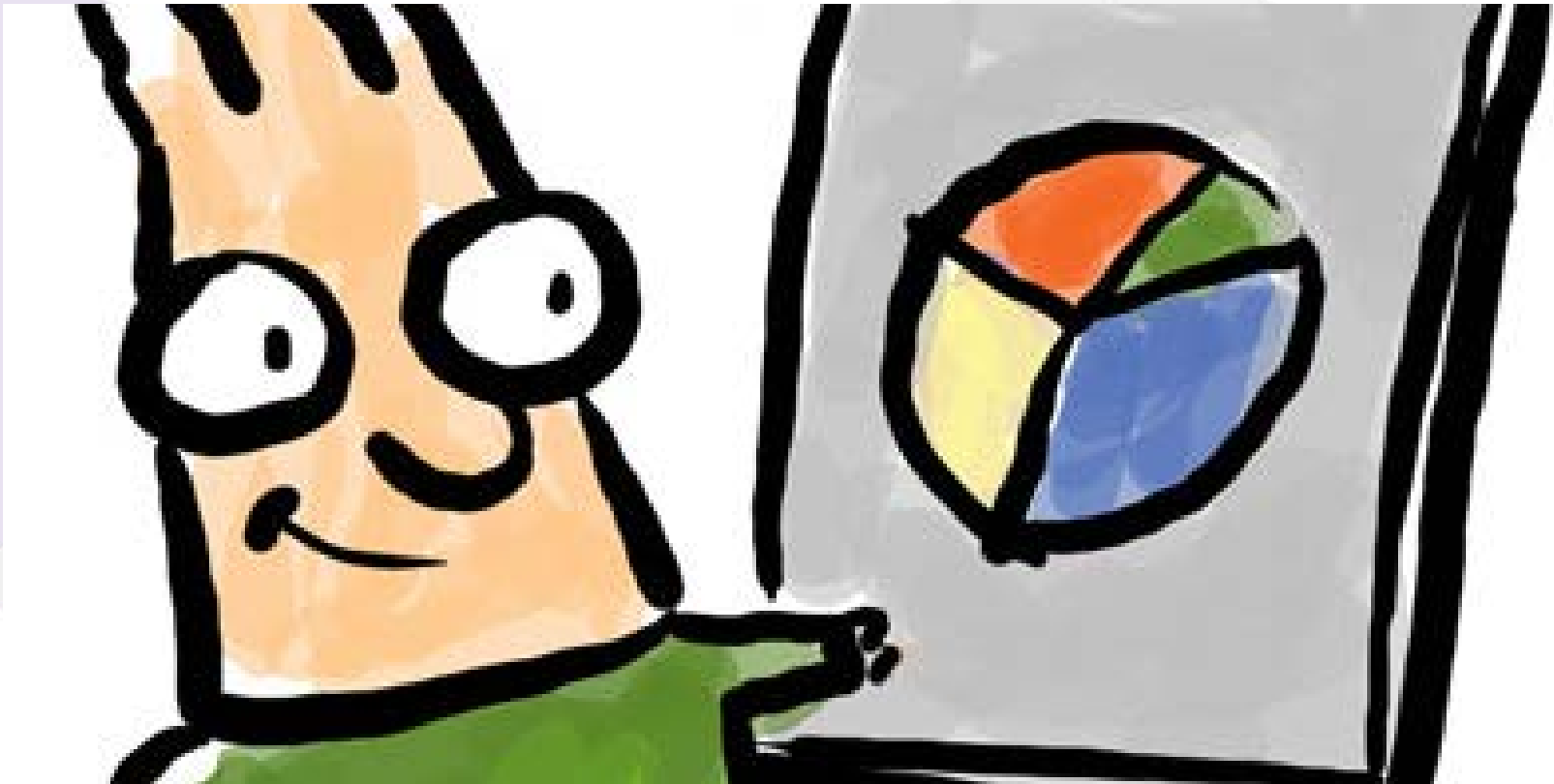
CREATIVE BRAINSTORM SESSION

- 5 subgroups
 - 2 teachers - 3 students
- Subject
 - One of the trends
 - Concrete action plan as feedback to universities
- Drawing
- Presentations & Discussion

CONCRETE ACTION PLAN

How to prepare OT-students for...

PRESENTATION & DISCUSSION



CONCLUSION

- So... how to prepare OT-students?
 - Conclusion interviews OT-students
 - The need for more guidelines/practical skills
 - Outcome discussion

REFLECTION



LITERATURE

- Clark, F., Jackson, J., Carlson, M., Chou, C.P., Cherry, B.J., Jordan-Marsh, M., ... Azen, S.P. (2012). Effectiveness of a lifestyle intervention in promoting the well-being of independently living older people: results of the well elderly 2 randomised controlled trial. *Journal of Epidemiology and Community Health*, 66, 782-790.
- Hartingsveldt, M. van, Hengelaar, R., & Logister-Proost, I. (2015). Veranderingen in zorg en welzijn. *Ergotherapie Magazine*, 3, 40-46.
- Hoof, J. van, Kort, H.S.M., Rutten, P.G.S. & Duijnste, M.S.H. (2011). Age-in-place with the use of ambient intelligence technology: Perspectives of older users. *International journal of medical informatics*, 80, 310-331.

LITERATURE

Messiaen, G. (2015). *Op uw gezondheid*. (p. 22, 23, 86). Apeldoorn, Nederland: Garant-Uitgevers NV.

Raad voor de Volksgezondheid & Zorg [RVZ]. (2010). Zorg voor je gezondheid! Gedrag en gezondheid: de nieuwe ordening. Retrieved from <http://www.nationaalkompas.nl/gezondheid-en-ziekte/ziekten-en-aandoeningen/chronische-ziekten-en-multimorbiditeit/chronische-ziekten-en-multimorbiditeit-samengevat/>

Rijksinstituut voor Volksgezondheid en Milieu [RIVM]. (2014).

Chronische ziekten en multimorbiditeit. Retrieved from <http://www.nationaalkompas.nl/gezondheid-en-ziekte/ziekten-en-aandoeningen/chronische-ziekten-en-multimorbiditeit/chronische-ziekten-en-multimorbiditeit-samengevat/>

Willemse, E. (2015). *Toekomstbeelden van technologie in de zorg*. (p. 23, 36-57). Den Haag, Nederland: Quentes.