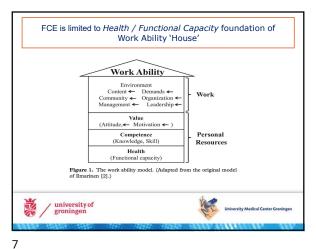
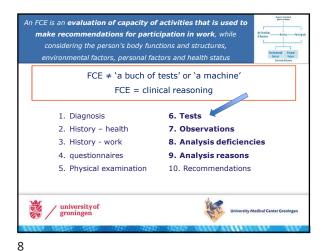
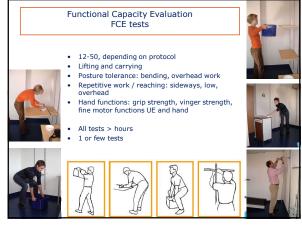


Towards Consensus in Operational Definitions in Functional Capacity Evaluation: a Delphi Survey An FCE is an evaluation of capacity of activities that is used to make recommendations for participation in work, while considering the person's body functions and structures, environmental Capacity ... The highest probable functioning of a person ... at a given point in time, n a standardized environment **Performance** ... what a person actually does in her or his current environment. It describes the person's functioning as observed or reported in the person's real-life environment with the existing facilitators and barriers

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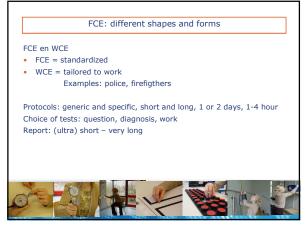














Scientific developments FCE 20 years – 1 sheet summary

1. We can measure FC safe and reliable
2. We are getting better grip on validity
3. We can use FCE to predict work status

And:
1. (ultra) short protocols (1-5 tests; lifting test)
2. Relevant references – criterion references (work load)

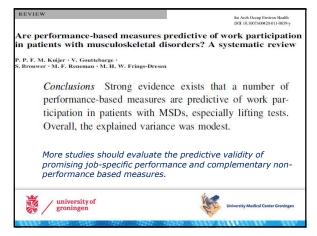
But:

Grip on validity ≠ 'it is valid'

Individual variation in test results substantial and insufficiently explained

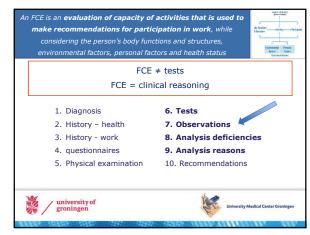
Individual interaction with B-P-S factors

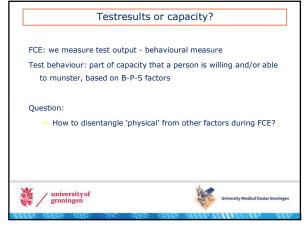
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Validity of FCE for RTW It may be questioned whether FCEs by themselves will ever be found valid for the prediction of a safe and lasting RTW... The construct of 'workability' is multidimensional. Whether a patient successfully returns to work or not, depends on more than functional capacity by itself. It is critical to understand that an instrument measuring a single dimension cannot be expected to assess a multidimensional construct. It is, therefore, by definition incorrect to suggest or to claim that the results of an FCE should be able to predict a person's work ability, or even more complex, a successful return to work. At best, one may expect an FCE, ..., to measure an individual's immediate functional ability to perform work-related activities. This should be seen as one of the prerequisites for a successful return to work. Reneman, Wittink, Goss, AMA, 20 / university of groningen

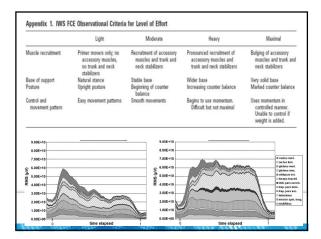
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Observing effort

Strong evidence: therapists can identify 'physical' sub-max performance (LBP, lifting)

biomechanics, physiology

No evidence FCE can detect 'malingering' or judge (in)sincerity

Reason submax:

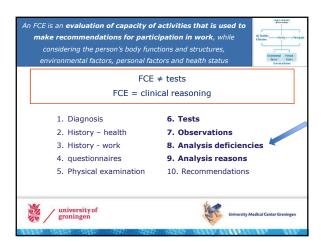
depression, FCE done in non-native language, etc

Biopsychosocial framework

Observations of pain behavior

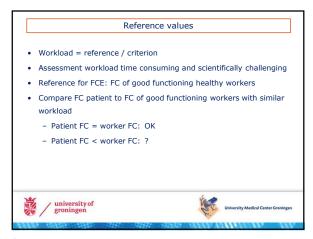
Pain behavior: acts we understand to communicate pain
FCE: differentiate pain behavior from 'physical activity' behavior (biomechanics physiology)
Standardized – modified PBS scale (not validated for FCE)
Interpretation: influence of PB on test results
Biopsychosocial framework
Central Sensitization?

21 22

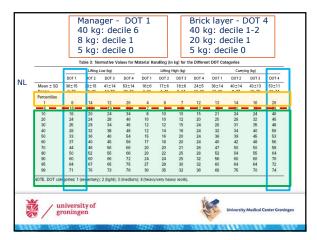


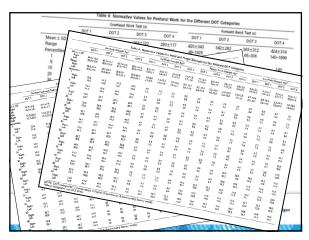


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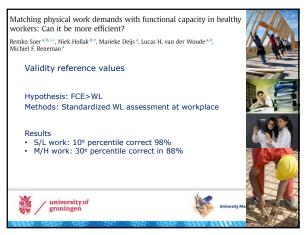


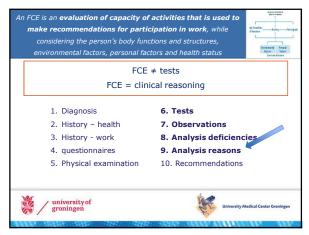




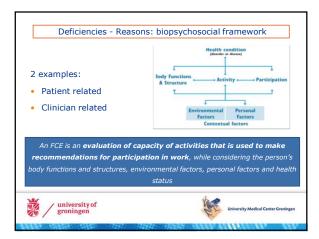


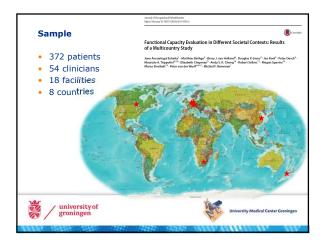
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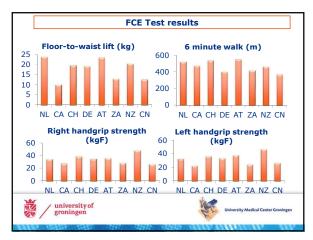




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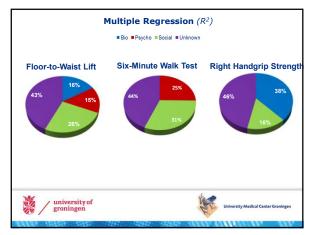


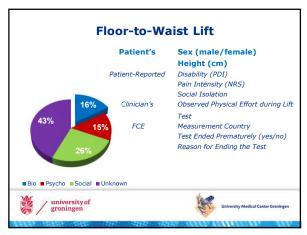




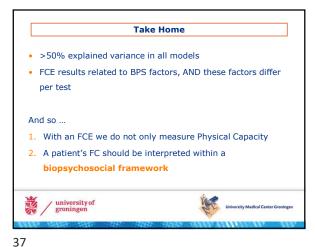


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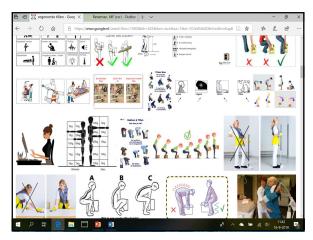




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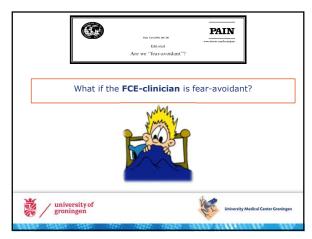
Open Disabling chronic low back pain as an iatrogenic disorder: a qualitative study in Aboriginal Australians Key messages

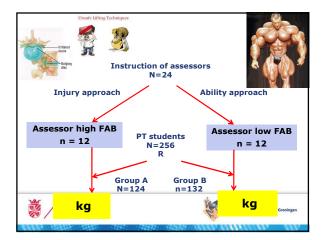
Contrary to previous research negative beliefs, including an anatomical/structural cause of pain and pessimistic future outlook, were common. Negative beliefs originated from interactions with healthcare practitioners suggesting disabling LBP may be partly iatrogenic. Biomedical-orientated management approaches to LBP are far reaching, highlighting the need for healthcare practitioners to positively influence beliefs as part of LBP care in all settings. / university of groningen

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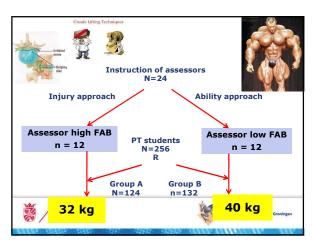
HCPs - part of the problem? More / longer sick-listing issued by HCP when: · HCP holds high fear avoidance beliefs (A) HCP believes that discussing RTW disrupts relationship (B) Physicians' Determinants for Sick-listing LBP Patients A Systematic Review Erik L. Werner, MD, PhD,* Pierre Côté, DC, PhD,†‡ Brona M. Fullen, BSc, PhD,§
and Jill A. Hayden, L. Clin J Pain • Volume 28, Number 4, May 2012 The association between health care professional attitudes and beliefs and the attitudes and beliefs, clinical management, and outcomes of patients with low back pain: A systematic review B. Darlow^{1,2}, B.M. Fullen³, S. Dean⁴, D.A. Hurley³, G.D. Baxter², A. Dowell Negative attitude to information material GRADE as nent of quality of evidence X Moderate quality evidence of association High quality evidence of asso

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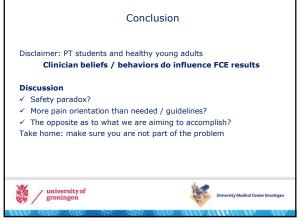








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Analysis – putting it all together

1. What do the results 'mean'?

• Maximal capacity - BPS?

• Collaboration / therapeutic relationship

• Consistency / disrepancy between results and observations

• Can you make sense of it all?

2. Relate results to reference values

• FC < = > WL

• Deficiency: when FC < WL

3. If deficiency: why?

4. Are discrepency modifiable? How? By whom? Prognosis?

5. Conclusion / recommendations -

47 48

