Evaluating a program of assessments in post-graduate orthopaedic manual physical therapy (OMPT) in Canada

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IFOMPT 2016







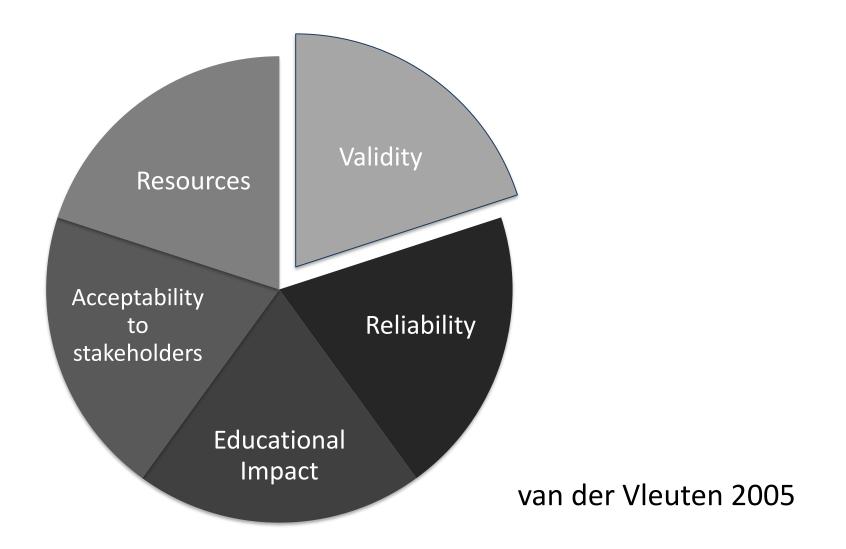


'What are you looking for with this skill?"

The QUALITY ofany educational program hinges on its assessments being part of the learning process

van der Vleuten 2005

The Power of Assessments



Evaluating a Program of Assessments

To investigate the VALIDITY of a program of assessments used in the (communitybased) Canadian OMT program

Purpose

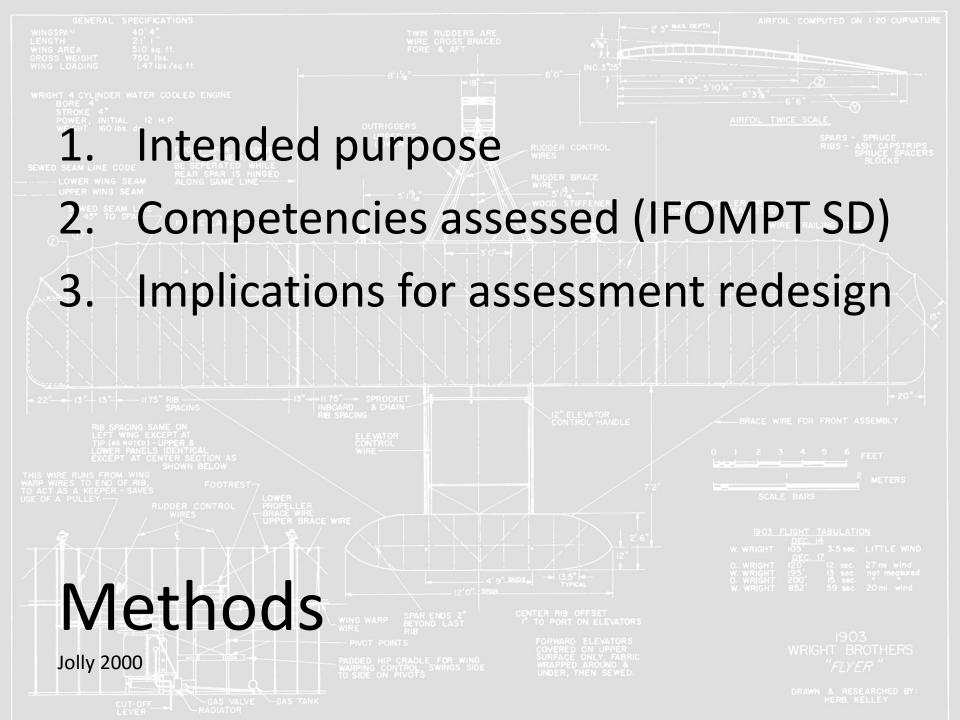
what it purports to measure To investigate the VALIDITY of a program of assessments used in the (communitybased) Canadian OMT program

the extent to which the

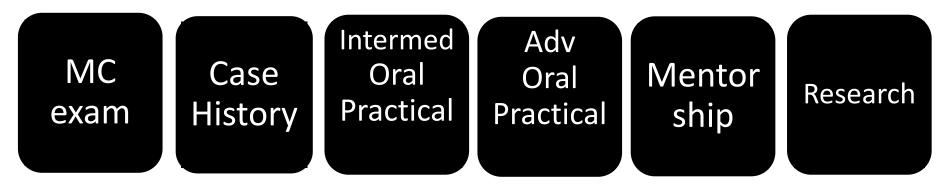
entire group of

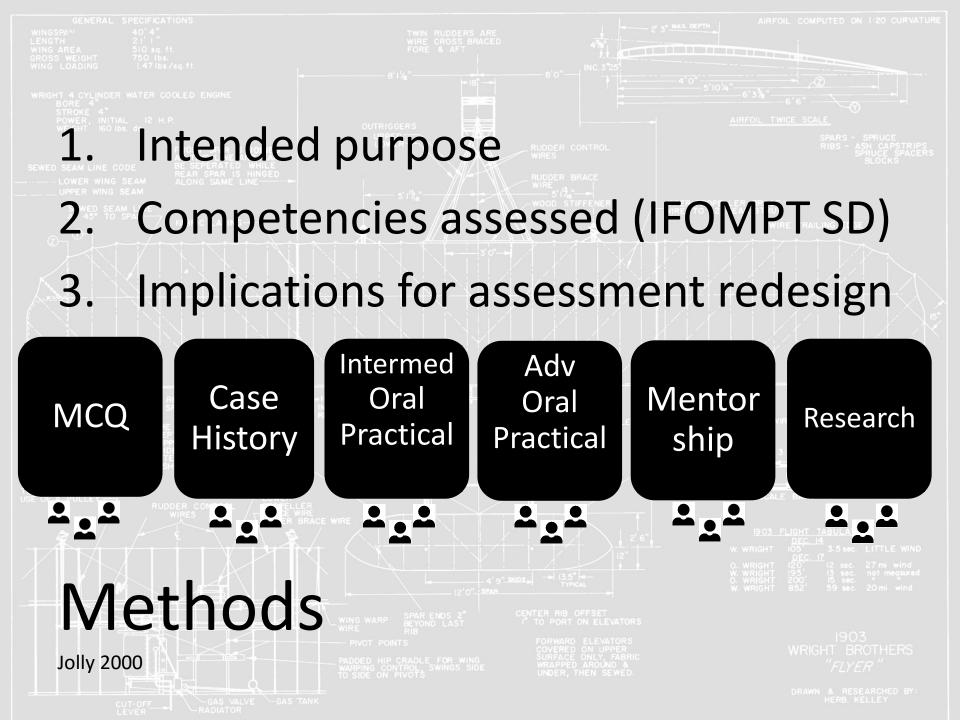
assessments measures

Purpose



Assessments in Community-based program





IFOMPT Education Standards

- Dimension 1: Demonstration of critical and evaluative evidence based practice
- Dimension 2: Demonstration of critical use of a comprehensive knowledge base of the biomedical sciences in the speciality of OMT
- Dimension 3: Demonstration of critical use of a comprehensive knowledge base of the clinical sciences in the speciality of OMT
- Dimension 4: Demonstration of critical use of a comprehensive knowledge base of the behavioural sciences in the speciality of OMT
- Dimension 5: Demonstration of critical use of a comprehensive knowledge base of OMT
- Dimension 6: Demonstration of critical and an advanced level of clinical reasoning skills enabling effective assessment and management of patients with NMS disorders
- Dimension 7: Demonstration of an advanced level of communication skills enabling effective assessment and management of patients with NMS disorders
- Dimension 8: Demonstration of an advanced level of practical skills with sensitivity and specificity of handling, enabling effective assessment and management of patients with NMS disorders
- Dimension 9 Demonstration of a critical understanding and application of the process of research
- Dimension 10 Demonstration of clinical expertise and continued professional commitment to the development of OMT practice

Analysis

Dimensions	MCQ	СН	IPE	APE	Mentorship requirement	Research requirement
Knowledge						
Clinical Reasoning						
Advanced practical skills						
Evidence-based practice (including research process)						
Communication						
Development of expertise and OMT practice						

1st Level of Analysis Sample Blueprint

Dimensions	MCQ	СН	IPE	APE	Mentorship requirement	Research requirement
Knowledge	Х	Х	Х	Х		Х
Clinical Reasoning	X	X	Х	X		Х
Advance practical skills	X	Х		X		
Evidence-based practice (including research process)						Х
Communication	Х	X			Х	
Development of expertise and OMT practice					Х	

2nd Level of Analysis Sample Blueprint

Dimensions (and Learning Objectives)	Advanced Practical Examination					
Knowledge - Anatomy - Biomechanics	my m					
Clinical Reasoning - Hypothesis generation - Data interpretation	mm mm					
Advanced practical skills - Mobilization - Manipulation	mm					
Evidence-based practice (including research process) - Critical appraisal - Research designs	mm mm					
Communication - Verbal communication with patient	m					
Development of expertise and OMT practice - Development of expertise	mm mm					

Dimensions	IPE	APE	СН	MCQ	Mentorship requirement	Research requirement
Knowledge	X	Х	Х	Х		Х
Clinical Reasoning			Х			Х
Advanced practical skills	Х	Х				
Evidenced-based practice (including research process)		()		Х
Communication						
Development of expertise and OMT practice					Х	

Significance of Assessment Map

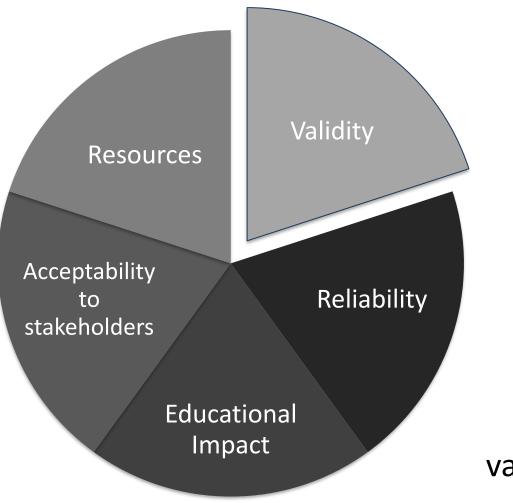
Transparency enhanced for learners, instructors, examiners

Efficiency in assessment approaches

Enhancement of assessment coherence and sequence

Implications

Hale and Dunlap 2010



van der Vleuten 2005

Future work

Thank you