



Low agreement between mMRC rated by patients and clinicians – implications for practice

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Key Words:	chronic obstructive pulmonary disease, breathlessness perception, dyspnea, function
Abstract:	

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3 **Low agreement between mMRC rated by patients and clinicians — implications for**
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3 To the editor,
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18 It is unknown to what extent mMRC ratings differ when administered by clinicians compared
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20 as the patient's functional status. The New York Heart Association (NYHA) scale, which is
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6 involvement, which may also mitigate symptom under-reporting by patients. Training of
7 clinicians to adequately assess breathlessness and gain a better proxy mMRC where self-
8 report is not possible, would give more accurate representation of patient status, which is
9 important in cardiorespiratory disease.
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17 Improved method to assess exertional breathlessness is needed for use in clinical care, for
18 selecting participants to clinical trials and to measure treatment effects. The mMRC might
19 under-report symptoms in patients with milder disease and who have become less active due
20 to breathlessness [13], and is too unresponsive to detect change. Standardised tests for
21 measuring changes in activity-related breathlessness have been validated in COPD [14, 15].
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Figure 1. Agreement between A) clinician- and patient-rated modified Medical Research Council (mMRC) breathlessness scores; B) distribution of lower, similar and higher patient vs. clinician ratings. Agreement was relatively low between patient and clinician rated mMRC, with an even distribution of under and over ratings for mMRC 2-3.

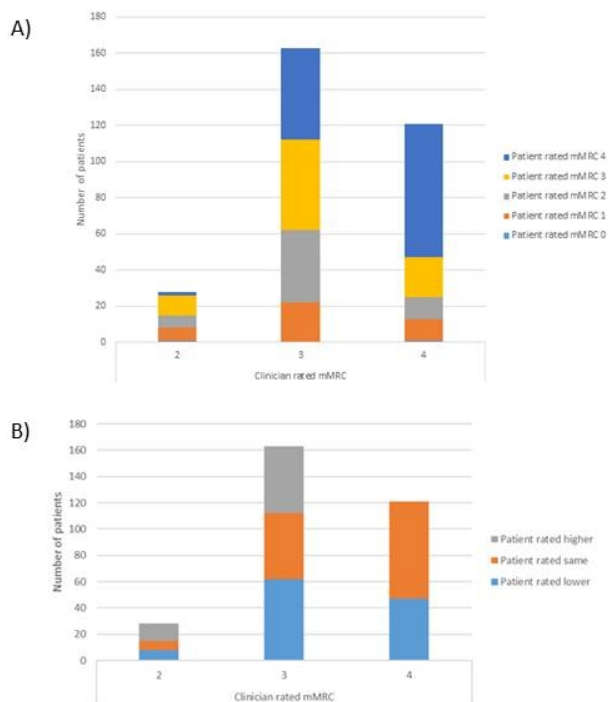


Figure 1

190x254mm (96 x 96 DPI)

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4 **~~eligibility in randomised controlled trials~~ – implications for practice**
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