**SUPPLEMENTARY MATERIAL**

Supplementary Material 1. The Quick Mild Cognitive Impairment (Q*mci*) screen: double sided score sheet.





Supplementary Material 2. Sensitivity, Specificity, Positive Predictive Value (PPV), and Negative Predictive Value (NPV), with 95% confidence intervals (CI), for different Quick Mild Cognitive Impairment (Q*mci*) screen and Montreal Cognitive Assessment (MoCA) cut-off scores for cognitive impairment (mild cognitive impairment and dementia), without adjustment for age or education, compared with patients diagnosed with subjective memory complaints.

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| --- | --- | --- | --- | --- | --- | --- |
| **Cognitive Screen****Cut-off score** | **Sensitivity****(95% CI)** | **Specificity****(95% CI)** | **PPV****(95% CI)** | **NPV****(95% CI)** | **False****Positive****(95% CI)** | **False****Negative****(95% CI)** |
|  | Prevalence of cognitive impairment of 84% |  |  |
| **Q*mci*** |  |  |
| <65 | 95%(92-97) | 67%(55-77) | 93%(89-95) | 74%(62-84) | 7%(5-11) | 26%(16-38) |
| <63 | 92%(88-94) | 77%(66-85) | 95%(91-97) | 67%(57-77) | 5%(3-8) | 35%(26-46) |
| <62**†** | 90%(86-93) | 80%(69-87) | 95%(92-97) | 65%(54-74) | 5%(3-8) | 36%(27-47) |
| <60 | 88%(84-91) | 88%(79-94) | 97%(94-99) | 63%(53-72) | 3%(1-6) | 37%(28-47) |
| <58 | 85%(81-89) | 92%(83-97) | 98%(95-99) | 59%(49-67) | 2%(1-5) | 41%(33-51) |
| <56 | 82%(78-86) | 94%(85-98) | 98%(96-99) | 55%(46-63) | 2%(1-4) | 45%(37-54) |
| **MoCA** |  |  |
| <26\* | 96%(93-98) | 41%(31-54) | 88%(84-91) | 72%(56-84) | 12%(9-16) | 28%(16-44) |
| <24\*\* | 90%(86-93) | 72%(60-81) | 93%(90-96) | 63%(52-73) | 7%(4-10) | 37%(27-48) |
| <23\*\*\* | 85%(81-88) | 82%(71-89) | 95%(92-97) | 56%(46-65) | 5%(3-8) | 44%(35-54) |
| <22\*\*\*\* | 78%(73-82) | 87%(77-93) | 96%(93-98) | 48%(39-56) | 4%(2-7) | 52%(44-61) |

**†**Cut-off for cognitive impairment selected from O’Caoimh et al. [1].

\* Cut-off for cognitive impairment selected from Nasreddine et al. [2].

\*\* Cut-off for cognitive impairment selected from Damian et al. [3].

\*\*\* Cut-off for cognitive impairment selected from Luis et al. [4].

\*\*\*\* Cut-off for mild cognitive impairment selected from Freitas et al. [5].

**Supplementary References**

[1] O’Caoimh R, Gao Y, Gallagher P, Eustace J, Molloy W (2014) Cognitive screening tests need to be adjusted for age and education in patients presenting with symptomatic memory loss. *Irish J Med Sci* **183**, 314.

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[3] Damian A, Jacobsen S, Hentz J, Belden C, Shill H, Sabbagh M, Caviness J, Adler C (2011) The Montreal Cognitive Assessment and the Mini-Mental State Examination as screening instruments for cognitive impairment: item analyses and threshold scores. *Dement Geriatr Cogn Disord* **31**, 126–131.

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