

# MINI-COG™

## Instructions

INSTRUCTIONS FOR ADMINISTRATION	SCORING/SPECIAL INSTRUCTIONS						
<p>1. Get patient's attention and ask him or her to remember three unrelated words. Ask patient to repeat the words to ensure the learning was correct.</p>	<ul style="list-style-type: none"> <li>• Allow patient three tries, then go to next item.</li> <li>• The following word lists have been validated in a clinical study:<sup>1-3</sup></li> </ul> <table border="0"> <tr> <td style="vertical-align: top;"> <p><b>Version 1</b></p> <ul style="list-style-type: none"> <li>• Banana</li> <li>• Sunrise</li> <li>• Chair</li> </ul> </td> <td style="vertical-align: top;"> <p><b>Version 3</b></p> <ul style="list-style-type: none"> <li>• Village</li> <li>• Kitchen</li> <li>• Baby</li> </ul> </td> <td style="vertical-align: top;"> <p><b>Version 5</b></p> <ul style="list-style-type: none"> <li>• Captain</li> <li>• Garden</li> <li>• Picture</li> </ul> </td> </tr> <tr> <td style="vertical-align: top;"> <p><b>Version 2</b></p> <ul style="list-style-type: none"> <li>• Daughter</li> <li>• Heaven</li> <li>• Mountain</li> </ul> </td> <td style="vertical-align: top;"> <p><b>Version 4</b></p> <ul style="list-style-type: none"> <li>• River</li> <li>• Nation</li> <li>• Finger</li> </ul> </td> <td style="vertical-align: top;"> <p><b>Version 6</b></p> <ul style="list-style-type: none"> <li>• Leader</li> <li>• Season</li> <li>• Table</li> </ul> </td> </tr> </table>	<p><b>Version 1</b></p> <ul style="list-style-type: none"> <li>• Banana</li> <li>• Sunrise</li> <li>• Chair</li> </ul>	<p><b>Version 3</b></p> <ul style="list-style-type: none"> <li>• Village</li> <li>• Kitchen</li> <li>• Baby</li> </ul>	<p><b>Version 5</b></p> <ul style="list-style-type: none"> <li>• Captain</li> <li>• Garden</li> <li>• Picture</li> </ul>	<p><b>Version 2</b></p> <ul style="list-style-type: none"> <li>• Daughter</li> <li>• Heaven</li> <li>• Mountain</li> </ul>	<p><b>Version 4</b></p> <ul style="list-style-type: none"> <li>• River</li> <li>• Nation</li> <li>• Finger</li> </ul>	<p><b>Version 6</b></p> <ul style="list-style-type: none"> <li>• Leader</li> <li>• Season</li> <li>• Table</li> </ul>
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<p>2. Ask patient to draw the face of a clock. After numbers are on the face, ask patient to draw hands to read 10 minutes after 11:00 (or 20 minutes after 8:00).</p>	<ul style="list-style-type: none"> <li>• Either a blank piece of paper or a preprinted circle (other side) may be used.</li> <li>• A correct response is all numbers placed in approximately the correct positions AND the hands pointing to the 11 and 12 (or the 4 and 8).</li> <li>• These two specific times are more sensitive than others.</li> <li>• A clock should not be visible to the patient during this task.</li> <li>• Refusal to draw a clock is scored abnormal.</li> <li>• Move to next step if clock not complete within three minutes.</li> </ul>						
<p>3. Ask the patient to recall the three words from Step 1.</p>							

## Scoring

<b>3 recalled words</b>	Negative for cognitive impairment
<b>1-2 recalled words + normal CDT</b>	Negative for cognitive impairment
<b>1-2 recalled words + abnormal CDT</b>	Positive for cognitive impairment
<b>0 recalled words</b>	Positive for cognitive impairment

## References

1. Borson S, Scanlan J, Brush M, Vitaliano P, Dokmak A. The mini-cog: a cognitive "vital signs" measure for dementia screening in multi-lingual elderly. *Int J Geriatr Psychiatry*. 2000;15(11):1021–1027.
2. Borson S, Scanlan JM, Chen P, Ganguli M. The Mini-Cog as a screen for dementia: validation in a population-based sample. *J Am Geriatr Soc*. 2003;51(10):1451–1454.
3. McCarten JR, Anderson P, Kuskowski MA, et al. Finding dementia in primary care: the results of a clinical demonstration project. *J Am Geriatr Soc*. 2012;60(2):210–217.

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# CLOCK DRAWING TEST

Patient Name: \_\_\_\_\_

Date: \_\_\_\_\_

