

GPCOG SCREENING TEST

HEADER









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| Concept name | GPCOG screening test |
| Concept description | The General Practitioner Assessment of Cognition (GPCOG) screening test. |
| Keywords | GPCOG, screening, dementia, cognitive, impairment |
| Purpose | <p>Recording of the General Practitioner Assessment of Cognition (GPCOG) screening test.</p> <p>This test was designed as a GP screening tool for dementia. There are two components: a cognitive assessment conducted with the patient, and an informant questionnaire (only considered necessary if the results of the cognitive section are equivocal, i.e. score 5-8 inclusive).</p> <p>Results > 8 or < 5 on the GPCOG patient section were assumed to be cognitively intact or impaired, respectively</p> <p>For patients requiring a informant questionnaire, scores of 3 or less out of 6 in this section indicates cognitive impairment.</p> |
| Use | To record the results of the General Practitioner Assessment of Cognition (GPCOG) screening test. |
| References | Dementia Partnerships: http://www.dementiapartnerships.org.uk/archive/primary-care/primarycaretoolkit/3-improving-diagnosis/cognitive-assessment-tools/ [cited 13-Jun-2016]. |







ATTRIBUTION

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DATA

Mandatory
Minimum of 0 items (Cardinality: 0..*, unordered)

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| at0038::Step 1: patient examination  Cluster Optional (Cardinality: 1..*, unordered) | Step 1 of the GPCOG screening test, relating to the patient examination. | |
| at0008::Time orientation  Ordinal Optional | Statement whether the patient gives a correct or incorrect answer when asked to give the exact date today. | 0: at0009::Incorrect [The patient gives an incorrect answer.] 1: at0010::Correct [The patient gives the correct answer.] |
| at0014::Clock drawing - specific time  Ordinal Optional | Statement whether the patient correctly marks in hands a specified time (i.e. 10 minutes past 11 o'clock) on a clock face. | 0: at0015::Incorrect [The patient does not correctly mark in hands a specified time (11.10) on a clock face.] 1: at0016::Correct [The patient correctly marks in hands a specified time (11.10) on a clock face.] |
| at0011::Clock drawing - all numbers  Ordinal Optional | Statement whether or not the patient marks all the correct numbers to indicate the hours of the clock with the correct spacing. | 0: at0012::Incorrect [The patient does not mark all the correct numbers to indicate the hours of the clock with the correct spacing.] 1: at0013::Correct [The patient marks all the correct number to indicate the hours of the clock with the correct spacing.] |
| at0017::Information  Ordinal Optional | Statement whether the patient gives a correct and specific answer when asked to say something that happened in the news recently. Recently = in the last week. If a general answer is given, e.g. "lot of rain", "war", further details should be asked for. | 0: at0018::Incorrect [Patient does not give specific and correct answer when asked to say something that happened in the news recently.] 1: at0019::Correct [Patient gives specific and correct answer when asked to say something that happened in the news recently.] |
| at0020::Recall first name  Ordinal Optional | Statement whether patient correctly recalls first name of name and address phrase given at the start of the test. | 0: at0021::Incorrect [Patient does not correctly recall first name of name and address phrase given at the start of the test.] 1: at0022::Correct [Patient correctly recalls first name of name and address phrase given at the start of the test.] |
| at0023::Recall surname  Ordinal Optional | Statement whether patient correctly recalls surname of name and address phrase given at the start of the test. | 0: at0024::Incorrect [Patient does not correctly recall surname of name and address phrase given at the start of the test.] 1: at0025::Correct [Patient correctly recalls surname of name and address phrase given at the start of the test.] |
| at0027::Recall house number  Ordinal Optional | Statement whether patient correctly recalls house number of name and address phrase given at the start of the test. | 0: at0028::Incorrect [Patient does not correctly recall house number of name and address phrase given at the start of the test.] 1: at0029::Correct [Patient correctly recalls house number of name and address phrase given at the start of the test.] |

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| at0030::Recall street name  Ordinal Optional | Statement whether patient correctly recalls street name of name and address phrase given at the start of the test. | 0: at0031::Incorrect [Patient does not correctly recall street name of name and address phrase given at the start of the test.] 1: at0032::Correct [Patient correctly recalls street name of name and address phrase given at the start of the test.] |
| at0033::Recall locality or town  Ordinal Optional | Statement whether patient correctly recalls locality or town of name and address phrase given at the start of the test. | 0: at0034::Incorrect [Patient does not correctly recall locality or town of name and address phrase given at the start of the test.] 1: at0035::Correct [Patient correctly recalls locality or town of name and address phrase given at the start of the test.] |
| at0036::Total score  Count Optional | The total score from all nine individual scores. If patient scores 9, no significant cognitive impairment and further testing not necessary. If patient scores 5-8, more information required. Proceed with Step 2, informant section. If patient scores 5-8, more information required. Proceed with Step 2, informant section. | min: ≥ 0 ; max: ≤ 9 |
| at0039::Step 2: informant interview  Cluster Optional (Cardinality: 1..*, unordered) | Step 2 of the GPCOG screening test, relating to the informant interview. This section is required if the total score from Step 1 is between 5 and 8. | |
| at0037::Trouble remembering  Coded Text Optional | Statement whether, compared to a few years ago, the patient has more trouble remembering things that have happened recently than he/she used to. | <ul style="list-style-type: none"> at0040::Yes [The patient has more trouble remembering things that have happened recently than he/she used to.] at0041::No [The patient does not have more trouble remembering things that have happened recently than he/she used to.] at0042::Don't know [The informant doesn't know whether the patient has more trouble remembering things that have happened recently than he/she used to.] |
| at0043::Trouble recalling conversations  Coded Text Optional | Statement whether, compared to a few years ago, the patient has more trouble recalling conversations a few days later. | <ul style="list-style-type: none"> at0044::Yes [The patient has trouble recalling conversations a few days later.] at0045::No [The patient does not have trouble recalling conversations a few days later.] at0046::Don't know [The informant doesn't know whether the patient has trouble recalling conversations a few days later.] |
| at0047::Difficulty finding | Statement whether, compared to a | <ul style="list-style-type: none"> at0048::Yes [When speaking, |


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| <p>right words or using wrong words</p> <p>T Coded Text Optional</p> | <p>few years ago, the patient, when speaking, has more difficulty in finding the right words or tends to use the wrong words more often.</p> | <p>the patient has difficulty in finding the right words or tends to use the wrong words more often.]</p> <ul style="list-style-type: none"> • at0049::No [When speaking, the patient does not have difficulty in finding the right words and does not tend to use the wrong words more often.] • at0050::Don't know [The informant doesn't know whether the patient, when speaking, has more difficulty in finding the right words or tends to use the wrong words more often.] |
| <p>at0051::Less able to manage money</p> <p>T Coded Text Optional</p> | <p>Statement whether, compared to a few years ago, the patient is less able to manage money and financial affairs (e.g. paying bills, budgeting).</p> | <ul style="list-style-type: none"> • at0052::Yes [The patient is less able to manage money and financial affairs.] • at0053::No [The patient is not less able to manage money and financial affairs.] • at0054::Don't know [The informant doesn't know whether the patient is less able to manage money and financial affairs.] • at0055::Not applicable [The question of whether the patient is less able to manage money or financial affairs is not applicable to this patient.] |
| <p>at0056::Less able to manage medication</p> <p>T Coded Text Optional</p> | <p>Statement whether, compared to a few years ago, the patient is less able to manage his/her medication independently.</p> | <ul style="list-style-type: none"> • at0057::Yes [The patient is less able to manage his/her medication independently.] • at0058::No [The patient is not less able to manage his/her medication independently.] • at0059::Don't know [The informant doesn't know whether the patient is less able to manage his/her medication independently.] • at0060::Not applicable [The question whether the patient is less able to manage his/her medication independently is not relevant to this patient.] |
| <p>at0061::Needs more assistance with transport</p> <p>T Coded Text Optional</p> | <p>Statement whether, compared to a few years ago, the patient needs more assistance with transport (either private or public). If patient has difficulties only due to physical problems, e.g. bad leg, 'No' should be selected.</p> | <ul style="list-style-type: none"> • at0062::Yes [The patient needs more assistance with transport.] • at0063::No [The patient does not need more assistance with transport.] • at0064::Don't know [The informant doesn't know whether the patient needs more assistance with transport.] • at0065::Not applicable [The question whether the patient needs more assistance with transport is not applicable to this patient.] |

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| at0066::Total score  Count Optional | To get the total score, add the number of items answered 'No', 'Don't know' or 'Not applicable'. A total score of 0-3 indicates cognitive impairment, and standard investigations should be conducted. | min: ≥ 0 ; max: ≤ 6 |
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STATE

Mandatory


Minimum of 0 items (Cardinality: 0..*, unordered)

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| at0005::Confounding factors  Text Optional, repeating | Narrative record of factors that may have contributed to the score. | |
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PROTOCOL

Mandatory

Minimum of 0 items (Cardinality: 0..*, unordered)

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| at0007::Extension  SLOT (Cluster) Optional, repeating | Additional information required to capture local content or to align with other reference models/formalisms. Comment: For example: local information requirements or additional metadata to align with FHIR or CIMI equivalents. | Include: All not explicitly excluded archetypes |
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EVENTS

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| at0002::Point in time  Point in Time Optional | A specific date and/or time which may be explicitly defined in a template or at run-time. | |
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