



MyCog

Mobile



Cognitive Screener

Ages 65+

Overview of Development:

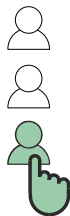
MyCog Mobile is the smartphone-based counterpart to MyCog. MyCog Mobile was funded by the National Institute on Aging, NIH (1R01AG074245-01), to offer a cognitive screening app that participants can self-administer remotely on personal smartphones and send results directly to their primary care provider's EHR. Evidence from pilot studies, where older adults downloaded the app on their own smartphones, has demonstrated acceptable reliability and usability of MyCog Mobile. MyCog Mobile is currently undergoing a large clinical and construct validation to understand its ability to detect pathological cognitive decline in older adult populations.

How it Works:



Measures

MyFaces



MyFaces is an associative memory test where participants are first shown 12 pictures of people paired with their names. After an approximately five-to-ten-minute delay, participants' memories of the faces are tested.

 **12 minutes.**

MySorting



MySorting is an executive functioning measure which asks participants to sort images by color or shape as quickly as they can.

 **3 minutes.**

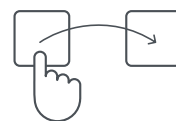
MySequences



MySequences is a measure of working memory test that requires participants to remember strings of letters and numbers and arrange them in order, with the letters in alphabetical order first and then the numbers in ascending numerical order.

 **4 minutes.**

MyPictures



MyPictures is an episodic memory measure which presents a sequence of 12-picture cards along with audio descriptions, then scrambles the cards and asks the participants to place them in the order they were presented.

 **7 minutes.**



Equipment Needed

All MyCog Mobile measures require an iPhone to properly administer (Android coming soon)



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Sponsors

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