

# PD CogniCare

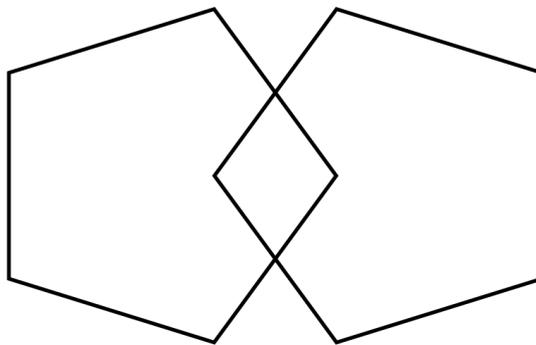
## Pentagon Copying

 Copyright Status	 Domain Assessed	 Administration Time
MMSE Copyright	Visuoconstruction	1 Minute

### Description

The pentagon copying test is an item on the standardised Mini-Mental State Examination (S-MMSE),<sup>36</sup> and is recommended by the MDS to assess cognition in PDD.<sup>3</sup> It requires clients to accurately copy two interlocking pentagons (Figure 2).

Figure 2 The Pentagons



### Training and Administration

The test requires clients to accurately copy the interlocking pentagons.<sup>36</sup> The standardised MMSE (S-MMSE) built upon the original MMSE by including clear and unambiguous administration guidelines.<sup>37</sup> The S-MMSE is freely available to use in Australia.



Not validated in PD



Not validated in  
telehealth



Alternative versions  
available

## Scoring

The pentagons were originally scored using a binary system where 0 = incorrect and 1 = correct.<sup>37</sup> Binary scoring systems, however, are not sensitive to longitudinal changes in cognition. A two-point scoring system was developed based on common errors made in a dementia population and has demonstrated predictive utility.<sup>38</sup> Scoring is as follows:<sup>38</sup>

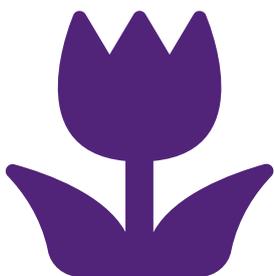
- To be acceptable, there must be two intersecting figures (score = 2).
- At least one of the figures must have five angles (score = 1).
- Tremor, rotation, relative size, and symmetry are ignored.
- Consider only lines that the patient has drawn (ignore any lines from the original model that the patient may have included as part of the copy).
- If the patient has drawn more than one copy, grade the best copy.



A score of 0 is given when there is a less-than-acceptable copy of the pentagons. An impaired score is indicated by any score less than 2.

## Alternative Versions

No alternative versions exist.



### *Telehealth*

There is no evidence for the validity of the administration of the pentagon copying task in a telehealth context for people living with PD or in an adjacent population group.

### *Psychometric and Normative Data*

There are no psychometric studies or normative data for the two-point scoring system for the pentagon copying task.