

Instrument	<b>Delirium Diagnostic Tool-provisional</b> NOTE: This card is populated with information from the instrument's original validation study only.
<b>Acronym</b>	DDT-Pro
<b>Primary use</b>	Provisional diagnosis
<b>Area assessed (Number of questions)</b>	Three core domains of delirium: comprehension, vigilance, sleep-wake cycle disturbance 3 items
<b>Description</b>	The DDT-Pro is comprised of components of two validated delirium instruments—comprehension and vigilance sections from the Cognitive Test for Delirium (CTD) and sleep-wake cycle disturbance item from the DRS-R-98. The DDT-Pro was tested in a population of patients with acquired brain injury (ABI).
<b>Versions</b>	1
<b>Scoring information</b>	The items of the DDT-Pro are scored on a 4-point scale, with 0, 1, 2 and 3 representing severe, moderate, mild and no impairment on the item, respectively; continuous measure from 0 to 9-points
<b>Cognitive testing</b>	Comprehension and vigilance sections from the Cognitive Test for Delirium (CTD) and sleep-wake cycle disturbance item from the DRS-R-98
<b>Administer to</b>	Patients, in person
<b>Estimated time to rate</b>	2 minutes
<b>Require trained rater</b>	Yes – trained lay raters
<b>How to obtain</b>	Instrument available at <a href="https://doi.org/10.3109/02699052.2010.498008">https://doi.org/10.3109/02699052.2010.498008</a> (Note-article may be behind paywall) Cognitive Test for Delirium available at <a href="http://dx.doi.org/10.1016/S0033-3182(96)71517-7">http://dx.doi.org/10.1016/S0033-3182(96)71517-7</a> DRS-R-98 available at <a href="https://doi.org/10.1176/jnp.13.2.229">https://doi.org/10.1176/jnp.13.2.229</a>
<b>Licensing Fee*</b>	None
<b>Languages available</b>	English, Spanish
<b>Highest COSMIN** rating</b>	3.5/6 <sup>†</sup>
<b>Test Performance Characteristics</b>	<b>Kean 2010 (Study: N=36 patients with acquired brain injury)</b> <ul style="list-style-type: none"> <li>• Reference Standard: DRS-R-98 rated delirium and diagnosis of delirium by clinical neuropsychologist using DSM-IV-TR</li> <li>• Sensitivity/Specificity using a cutoff &gt;7: 1.0/0.94</li> <li>• Likelihood ratio for a positive result = 17.86</li> <li>• Likelihood ratio for a negative result = &gt;0.5</li> </ul>

\* Fees and licensing information is effective as of 2021, but is subject to change over time

\*\* COSMIN is used to rate a study's evaluation of a survey or test's measurement properties. COSMIN does NOT rate the instrument itself, but helps readers understand if they can have confidence in the results of studies evaluating measurement properties of surveys and tests. For example, a rigorous study evaluating a test with poor measurement properties will receive a "good" COSMIN rating, while a poorly-conducted study evaluating a test with good measurement properties will receive a "poor" COSMIN rating. Small sample size can impact all COSMIN ratings. You must consider both the COSMIN rating and the results of studies provided when forming your opinion about that test. *COSMIN ratings shown are based solely on the instrument's original validation study.*

† COSMIN breakdown: content validity: FAIR, effect indicators: GOOD, internal consistency: NONE, inter-rater reliability: FAIR, construct validity: FAIR, external validity: GOOD

### Reference:

Kean J, Trzepacz PT, Murray LL, Abell M, Trexler L (2010) Initial validation of a brief provisional diagnostic scale for delirium, *Brain Injury*, 24:10, 1222-1230, DOI: 10.3109/02699052.2010.498008

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