

# PSYCHIATRIC DOMAIN (SYMPTOMS)

Category/Concept		Coherence in Measurement & Classification		Adequacy of Data		Relevance of Concept	
	Concerns	Explanation	Tier 1 Grade	Tier 2 & 3 Level	Bothersome mean %	Prevalence mean %	[Range]
<b>MOOD &amp; AFFECT</b>		Concept category; No disconfirming evidence	<b>B</b>	<b>4</b>	<b>25%</b>	<b>47%</b>	[35-59%]
Apathy	Minor	One study Tier 3 disconfirming presence in early PD <3YSD	<b>A</b>	<b>3 -</b>	<b>5%</b>	<b>23%</b>	[5-58%]
Loss of interest	Moderate	Appears to overlap with concept of apathy	<b>C</b>	<b>4</b>	-	<b>24%</b>	[14-35%]
Decreased goal directed behavior	UA	Expert proposed concept; missing evidence in early PD	<b>X</b>	<b>x</b>	-	-	-
Anxious mood	Minor	One study Tier 3 disconfirming elevated presence in early PD <3YSD	<b>A +</b>	<b>3 -</b>	<b>21%</b>	<b>45%</b>	[12-74%]
Social phobia	UA	No evidence in early PD <3YSD	<b>X</b>	<b>x</b>	-	-	-
Panic	UA	Minimal evidence in early PD <3YSD	<b>D</b>	<b>x</b>	-	<b>14%</b>	-
Excessive worrying	UA	Expert proposed concept; missing evidence in early PD					
Depressed mood	Moderate	Unclear if clinical diagnosis or symptoms of depressed mood	<b>A +</b>	<b>3</b>	<b>8%</b>	<b>34%</b>	[10-59%]
Low or flat mood	UA	Patient panel strongly advocates to retain concept as distinct from depression	<b>C</b>	<b>4</b>	-	<b>27%</b>	[19-38%]
Feelings of sadness	Moderate	Potential overlap with depression/depressed mood; Not reported in PD <3YSD	<b>X</b>	<b>x</b>	-	-	-
Loss of pleasure	UA	Minimal evidence in early PD <3YSD	<b>D</b>	<b>x</b>	-	<b>30%</b>	-
Negative feelings/emotions	UA	Patient panel strongly advocates to retain concept as distinct from depression	<b>C</b>	<b>x</b>	<b>27%</b>	<b>30%</b>	-
Suicidal ideation/thoughts of death	UA	Limited evidence in early PD <3YSD	<b>C</b>	<b>x</b>	<b>1%</b>	<b>3%</b>	-
Emotional lability	New	Category suggested by patient panel					
Pseudobulbar affect	UA	No supporting evidence in early PD; One study disconfirming in Tier 1	<b>X -</b>	<b>x</b>			
Irritability	UA	Patient panel advocates for inclusion as a symptom	<b>D</b>	<b>4</b>	<b>1%</b>	<b>14%</b>	[1-18%]
Euphoria	Minor	Limited evidence; One Tier 3 study disconfirming presence in early PD <3YSD	<b>X</b>	<b>x -</b>			
Agitation	UA	Minimal evidence in early PD <3YSD	<b>X</b>	<b>4</b>	-	<b>13%</b>	[12-13%]
<b>BEHAVIORS</b>		Expert proposed concept category					
Impulsive-compulsive behaviors	UA	One Tier 1 study disconfirming presence in PD <3YSD; Very limited evidence	<b>X -</b>	<b>4</b>	-	<b>10%</b>	-
Medication use	UA	Very limited evidence in early PD <3YSD	<b>X</b>	<b>4</b>	-	<b>2%</b>	-
Buying	UA	Very limited evidence in early PD <3YSD	<b>X</b>	<b>4</b>	-	<b>4%</b>	-
Eating	UA	Very limited evidence in early PD <3YSD	<b>X</b>	<b>4</b>	-	<b>5%</b>	-
Sexual	UA	Very limited evidence in early PD <3YSD	<b>X</b>	<b>4</b>	-	<b>5%</b>	-
Punding	UA	Very limited evidence in early PD <3YSD	<b>X</b>	<b>4</b>	-	<b>5%</b>	-
Gambling	UA	Very limited evidence in early PD <3YSD	<b>X</b>	<b>4</b>	-	<b>1%</b>	-
Walkabout	UA	Very limited evidence in early PD <3YSD	<b>X</b>	<b>4</b>	-	<b>1%</b>	-

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<i>Hobbyism</i>	UA	Very limited evidence in early PD <3YSD	X	4	-	11%	-
<i>Subsyndromal ICD</i>	UA	Diagnostic classification: Minimal evidence in early PD <3YSD	X	4	-	10%	-
<i>ICD</i>	UA	Diagnostic classification: Minimal evidence in early PD <3YSD	X	4	-	25%	-
<b>PSYCHOSIS</b>							
		Expert proposed concept category					
Psychosis	UA	Minimal evidence in early PD <3YSD	X	x	-	-	-
<i>Minor psychosis</i>	UA	Expert proposed concept; missing evidence in early PD	X	x	-	-	-
<i>Delusions</i>	UA	Minimal evidence in early PD <3YSD	X	4	-	2%	-
<i>Hallucinations</i>	UA	Minimal evidence in early PD <3YSD	D	4	1%	4%	-
<b>PERSONALITY CHANGES</b>							
		Expert proposed concept category					
Personality changes	UA	Very limited evidence in early PD <3YSD	D	4	1%	-	-
<i>Excessive persistence</i>	Moderate	Concern for overlap with perseveration; No evidence early PD <3YSD	X	x	-	-	-
<i>Reward seeking behavior</i>	UA	No evidence in early PD <3YSD	X	x	-	-	-
<i>Disinhibitions</i>	UA	Minimal evidence in early PD <3YSD	X	4	-	2%	-
<i>Neuroticism</i>	UA	No evidence in early PD <3YSD	X	x	-	-	-
<i>Impaired emotion recognition</i>	UA	No evidence in early PD <3YSD	X	x	-	-	-
<i>Low novelty seeking</i>	UA	No evidence in early PD <3YSD	X	x	-	-	-

**Notes.** PD= Parkinson's disease; UA=Unable to assess due to limited data; YSD=Years since diagnosis of Parkinson's disease; **Tier 1 Grade** A+=100% (Green), A=75-99% (Green), B=50-74% (Yellow), C=25-49% (Orange), D=1-24% (Gray), X=No studies supporting presence in early PD (Black); **Tier 2 & 3 Level** 1=75-100% (Green), 2=50-74% (Yellow), 3=25-49% (Orange), 4=1-24% (Gray), x=No Tier 2 or 3 studies supporting presence in early PD (Black). Minus sign "-" in Grade or Level indicates presence of disconfirming evidence. Color coding is used for visual identification of concepts with greater supporting evidence in Grade and Level. For bothersomeness and prevalence, darker colors indicate higher average frequency in studies reporting.