

PSYCHOSOCIAL FUNCTIONING DOMAIN (IMPACTS)

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]
INDEPENDENCE	-	Patient panel proposed concept category	B	x	24%	13%	-
Cooking/meal preparation	-	Important aspect of indepenence per patient panel	B	x	2%	29%	[13-28%]
Shopping	-	Important aspect of indepenence per patient panel; Limited research	D	x	2%	-	-
Housework/home maintenance	-	Important aspect of indepenence per patient panel; Includes gardening	B	x	2%	39%	[32-43%]
Travel/driving	-	Important aspect of indepenence per patient panel	B	x	-	40%	[18-53%]
SELF-CONCEPT	Minor	Concept category; May comprise multiple aspects or specific experiences	B	x	35%	49%	[26-72%]
Embarassment/self-conscious	Minor	May have overlap with concept of stigma	B	x	11%	53%	[43-63%]
Feeling stigmatized	Minor	May have overlap with embarassment/self-conscious; Limited research	C	x	22%	44%	-
Self-efficacy		Proposed concept encompassing several aspects of perceived ability to manage	B	x	-	-	-
Decreased self-confidence	UA	Limited research	C	x	8%	65%	-
Sense of helplessness	UA	Limited research	C	x	-	18%	[11-25%]
Sense PD limits what you can do	UA	Limited research	C	x	28%	91%	-
COPING	Minor	Concept category; May comprise multiple aspects or specific experiences	B	x	29%	18%	[11-25%]
Living with uncertainty	UA	Limited research	D	x	-	50%	-
Preoccupation with disease	Moderate	Limited research: Unclear what constitutes preoccupation; definitions needed	C	x	-	41%	[23-59%]
Increased fear	Minor	May encompass different specific experiences; definitions needed	A	x	9%	46%	[27-59%]
Fear of falling	Minor	May overlap with fear of future	D	x	7%	-	-
Fear of the future	Minor	May overlap with fear of falling	B	x	11%	46%	[27-59%]
Avoidance	Moderate	Unclear in reference to what; definitions needed	C	x	-	12%	[6-17%]
Denial	Minor	One Tier 1 study disconfirming presence in early PD <3YSD	D -	x	-	34%	-
Concealing diagnosis	UA	Limited research	D	x	-	19%	-
Annoyance/bothered	Moderate	May overlap with Frustration/anger; definitions needed	D	x	-	69%	-
Frustration/anger	Moderate	May overlap with Annoyance/bothered; definitions needed	B	x	6%	24%	[20-27%]
Stress/distress	Moderate	May overlap with Annoyance/bothered; definitions needed	B	x	9%	27%	[14-44%]
Finding ways to compensate	UA	Limited research; Patient panel recommendation to include positive impacts	D	x	-	53%	-
Positive changes to take control	UA	Limited research; Patient panel recommendation to include positive impacts	D	x	-	47%	-
INTERPERSONAL INTERACTIONS	-	Patient panel proposed concept category	D	x	19%	-	-
Relationships with others	Minor	Variably includes family, friends, co-workers	B	x	9%	53%	[30-66%]
Others perceptions/reactions	Severe	Ambiguous concept; Needs definition	D	x	-	11%	-
Communication	Moderate	May included written or spoken; Needs definition	A	x	9%	39%	[19-75%]
Loneliness/isolation	-	No concerns	A	x	1%	22%	[16-31%]

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ROLES & RESPONSIBILITIES		Patient panel proposed concept category					
Taking care of family	UA	Limited research; No disconfirming evidence	C	x	2%	3%	-
Taking care of pets	UA	Limited research; No disconfirming evidence	C	x	1%	3%	-
Impact on Job/profession	-	No disconfirming evidence	B	x	11%	54%	[40-72%]
Financial impact/paying bills	Moderate	One Tier 1 study disconfirming presence in early PD	D -	x	-	3%	-
IMPORTANT ACTIVITIES		Patient panel proposed concept category					
Pleasurable activities	Moderate	Very limited research; may overlap with other concepts in category	D	x	19%	-	-
Loss of things you enjoy	Moderate	Very limited research; may overlap with other concepts in category	D	x	14%	-	-
Social life	UA	Very limited research	D	x	17%	-	-
Playing an instrument	UA	Limited research; may overlap with other concepts in category	C	x	2%	13%	-
Spiritual/Religious activities	UA	Very limited research	D	x	-	9%	-
Hobbies & liesure activities	Moderate	May overlap with other concepts in category	A	4	2%	47%	[34-86%]

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.