

# AUTONOMIC NERVOUS SYSTEM 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]
CARDIOVASCULAR SYMPTOMS		Proposed concept category	X	4	-	28%	-
Blood pressure regulation	UA	Limited evidence; no disconfirming evidence	D	x	-	5%	-
Hypotension	Moderate	Thresholds not provided in sources	D	4			
Orthostatic hypotension	Moderate	Contextual variation of hypotension; Not patient oriented term	D	4	-	-	-
Orthostatic symptoms	Moderate	Presumed symptoms; unclear definition in sources; Not patient oriented term	X	4	-	18%	[16-19%
Hypertension	Moderate	Thresholds not provided in sources; no evidence in early PD <3YSD	X	x	-	-	-
Supine hypertension	UA	Contextual variation of hypertension; Not patient oriented term	X	x	-	-	-
Nocturnal hypertension	UA	Contextual variation of hypertension; Not patient oriented term	X	x	-	-	-
Change in nocturnal BP	UA	Contextual variation of hypertension; Not patient oriented term	X	x	-	-	-
Lower extremity swelling	Moderate	Unclear if correctly categorized; One Tier 1 study disconfirming in early PD <3YSD	D -	4	-	12%	[9-14%
LIGHTHEADED, DIZZY, FAINTING		Proposed concept category					
Dizziness	Moderate	May overlap with lightheadedness from patient perspective	B	4	3%	16%	[13-23%
Lightheadedness	Moderate	May overlap with dizziness from patient perspective	A+	3	3%	20%	[3-31%
Lightheadedness with long standing	UA	Contextual variation of lightheadedness	X	4	-	14%	[12-15%
Fainting/Syncope	UA	Limited evidence; no disconfirming evidence	D	4	-	2%	[1-3%
SWEATING/HYPERHIDROSIS	Moderate	One Tier 1 study disconfirming presence in early PD <3 YSD	D -	3	1%	13%	[3-28%
AUTONOMIC SYMPTOMS NOS	Severe	Comprises many diverse concepts; unclear what is being measured	X	4	-	71%	-

**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.