





Severity of Dependence Scale (SDS): description, strengths and knowledge gaps¹¹

Purpose

The five item Severity of Dependence Scale (SDS) assesses the degree of dependence experienced by users.^[2]

Drug(s) of Concern

- Alcohol
- Cannabis
- Methamphetamine
- Opioids/heroin
- Benzodiazepines
- Analgesics

- Cocaine
- Ecstasy

Time-frame(s) of Interest

• Recent (last 12 months)

Populations Tested

- Males & females^[3-5]
- Young people cannabis^[6]
- Adults^[2, 4, 7-10]

Settings Tested

- AOD specialist services^[2, 7-12]
- General hospital^[5]
- Mental health^[3]
- Research^[2]



Diagnostics	
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Utility:	 ✓ Validated with Australian populations ✓ Short, easy to administer ✓ Designed also for research purposes^[2]
Psychometric properties:	 Single factor solution and scores on each item of the SDS almost perfectly correlate with factor scores, with each item having high internal consistency^[13]
	 Discriminant validity indicated with higher SDS scores in treatment samples compared to non-treatment samples^[2]

Severity of Dependence Scale (SDS)

The wording of the items can be adapted to cover different types of drugs by modification of the reference to the named drug.^[2] Below is the generic version of the Severity of Dependence Scale.

Please tick (\checkmark) one box for each question

Ql	Did you think your use of [named drug] was out of control?	Never or almost never Sometimes Often Always	0 1 2 3
Q2	Did the prospect of missing a fix (or dose) or not chasing make you anxious or worried?	Never or almost never Sometimes Often Always	0 1 2 3
Q3	Did you worry about your use of [named drug]?	Never or almost never Sometimes Often Always	0 1 2 3
Q4	Did you wish you could stop?	Never or almost never Sometimes Often Always	0 1 2 3
Q5	How difficult would you find it to stop or go without [named drug]?	Not difficult Quite difficult Very difficult Impossible	0 1 2 3
	TOTAL SCORE:		



Administrator, Rater, Scoring and Interpretation

Administrator:	Clinician/Worker		
	Self-complete		
	Online		
Rater:	Client		
Scoring & interpretation:	The five item SDS of a number of sul		nistered to screen for problem/risky use
	Each question is so	cored either	0,1,2, or 3.
	A total score is cal	culated by s	umming the responses to all five
	questions. The mir	nimum total	score possible is 0, and the maximum
	total score possibl	e is 15 (i.e. to	otal score range: 0-15).
	A higher total scor	e indicates d	a higher level of dependence. See below
	for cut-offs for var	ious drugs.	
	Cut-off SDS score	s for depen	dence on various drugs of concern
			dence on various drags of concern
	Drug of Concern	Cut-off	Reference
	Alcohol	3 or more	Lawrinson, et al., 2007 ^[8]
	Amphetamine	5 or more	Topp & Mattick, 1997[10]
	Anglerasiaa		
	Analgesics	5 or more	Grande, et al., 2009 ^[12]
	Benzodiazepine	5 or more 7 or more	Grande, et al., 2009 ^[12] De Las Cuevas, et al., 2000 ^[3]
	Benzodiazepine	7 or more	De Las Cuevas, et al., 2000 ^[3]
	Benzodiazepine Cannabis	7 or more 3 or more	De Las Cuevas, et al., 2000 ^[3] Swift, Copeland & Hall, 1998 ^[4]
	Benzodiazepine Cannabis Cocaine	7 or more 3 or more 3 or more	De Las Cuevas, et al., 2000 ^[3] Swift, Copeland & Hall, 1998 ^[4] Kaye & Darke, 2002 ^[7]



Resources

Tool citation:	Gossop, M., Darke, S., Griffiths, P., et al. <i>The Severity of Dependence Scale (SDS): psychometric properties of the SDS in English and Australian samples of heroin, cocaine and amphetamine users.</i> Addiction, 1995. 90(5): 607-614.
Copyright:	In the public domain.
Training/manual:	None found.
Brief intervention:	https://www.nps.org.au/australian-prescriber/articles/brief- interventions-for-alcohol-and-other-drug-use
Other:	None found.

Knowledge Gaps

The Severity of Dependence Scale (SDS) is widely regarded and commonly recommended in policy and clinical guidelines. A scoping review is recommended to map the ways in which the SDS has been taken up and implemented across Australia for various drugs of concern.

Recently, a number of studies have examined the utility of the SDS amongst older people;^[5] and in assessing dependence on analgesics for chronic pain and headache.^[14-16] There may also be benefits in examining the utility of the SDS amongst people with chronic illness, life-limiting conditions, and cancer.^[17, 18]

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