

Michigan Alcoholism Screening Test (MAST)

BRIEF DESCRIPTION

The MAST is one of the most widely used measures for assessing alcohol abuse. The measure is a 25-item questionnaire designed to provide a rapid and effective screening for lifetime alcohol-related problems and alcoholism. The MAST has been productively used in a variety of settings with varied populations. Several briefer versions of the MAST have been offered (see below).

TARGET POPULATION

- Adults
- Adolescents

ADMINISTRATIVE ISSUES

Number of items: 25

Number of subscales: 0

Format(s): Pencil-and-paper self-administered

Interview

Observation

Computer self-administered

Other third party (i.e., spouse, parent, etc.)

Time required for administration: 8 minutes

Administered by: *Practitioner or self*

Training required for administration? yes no

Comments: *Also available are briefer versions of the MAST, including the 10-item Brief MAST (Pokorny et al., American Journal of Psychiatry, 1972, 129, 342-345), the 13-item Short MAST (SMAST) (Selzer et al., Journal of Studies on Alcohol, 1975, 36, 117-126), and a 9-item modified version called the Malmo modification (Mm-MAST) (Kristenson & Trelle, British Journal of Addiction, 1982, 77, 297-304).*

SCORING

Time required to score/interpret: 5 minutes

Scored by: *Staff*

Computerized scoring or interpretation available? yes no

Norms available? yes no

Instrument normed on subgroups? yes no

PSYCHOMETRICS	<p>Have reliability studies been done? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no</p> <p>What measure(s) of reliability was used?</p> <p><input checked="" type="checkbox"/> Test-retest</p> <p><input type="checkbox"/> Split half</p> <p><input checked="" type="checkbox"/> Internal consistency</p> <p>Have validity studies been done? <input checked="" type="checkbox"/> yes <input type="checkbox"/> no</p> <p>What measures of validity have been derived?</p> <p><input checked="" type="checkbox"/> Content</p> <p><input checked="" type="checkbox"/> Criterion (predictive, concurrent, "postdictive")</p> <p><input type="checkbox"/> Construct</p>
CLINICAL UTILITY OF INSTRUMENT	To screen for alcoholism with a variety of populations
RESEARCH APPLICABILITY	Useful in assessing extent of lifetime alcohol-related consequences
SOURCE, COST AND COPYRIGHT ISSUES	<p>Copyright: <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p> <p>Cost: \$40.00 for copy, no fee for use</p> <p>Source: Melvin L. Selzer, M.D. 6967 Paseo Laredo LaJolla, CA 92037 Phone: 858-459-1035 E-mail: jmslzs@aol.com</p>
SOURCE REFERENCE	<p>Selzer, M.L. (1971). The Michigan Alcoholism Screening Test (MAST): The quest for a new diagnostic instrument. <i>American Journal of Psychiatry</i>, 127, 1653-1658.</p>
SUPPORTING REFERENCES	<p>Easton, C.J., Swan, S. & Sinha, R. (2000). Prevalence of family violence in clients entering substance abuse treatment. <i>Journal of Substance Abuse Treatment</i>, 18(1), 23-28.</p> <p>Teitelbaum, L. & Mullen, B. (2000). Validity of the MAST in psychiatric settings: A META-analytic integration. <i>Journal of Studies on Alcohol</i>, 61(2), 254-261.</p> <p>Maisto, S.A., Connors, G.J. & Allen, J.P. (1995). Contrasting self-report screens for alcohol problems: A review. <i>Alcoholism: Clinical and Experimental Research</i>, 19(6), 1510-1516.</p> <p>Selzer, M.L., Vinokur, A. & VanRooijen, L. (1975). A self-administered short version of the Michigan Alcoholism Screening Test (SMAST). <i>Journal of Studies on Alcohol</i>, 36, 117-126.</p>