



REFERENCES

- A. Thomas Mc. Lelian, Ph.D., Lester Luborsky, Ph.D.,
George E. Woody, M.D. and Charles P.O'Brien, M.D.,
Ph.D. An improved diagnostic evaluation instrument
for substance abuse patients. The Addiction
Severity Index. The Journal of Nervous and Mental
Disease. 168(1) : 26-33, 1980.
- Allen JP, Eckard MJ, Wallen J. Screening for alcoholism :
techniques and issues. Public Health Report. 103 :
586-92, 1988.
- American Psychiatric Association : Diagnostic and Statistical
Manual of Mental Disorders, 3rd ed. revised.
Washington DC, American Psychiatric Association,
1987.
- Annie Umbricht-Schneiter, M.D., Patricia Santora, Ph.D.,
Richard D. Moore, M.D., M.H.S. Alcohol abuse :
comparison of two methods for assessing its prevalence
and associated morbidity in hospitalized patients.
American Journal of Medicine. 91(8) : 110-8,
1991.
- Awni Arif, M.D., Joselph Westermeyer, M.D., Ph.D.
Epidemiological Assessment and Etiological Factors
of Drugs and Alcohol Abuse in Manual of Drug and
Alcohol Abuse, 1988.

- Bruce J. Rounsaville, M.D., Thomas R. Kosten, M.D., Janet B.W. Williams, D.S.W. and Robert L. Spitzer, M.D. A field trial of D.S.M. 3-R : Psychoactive substance dependence disorders. American Journal of Psychiatry. 144(3) : 351-55, 1987.
- Bush B., Rhow S., Cleary P., et al. Screening for alcohol abuse using the CAGE questionnaires. American Journal of Medicine. 82 : 231-5, 1987.
- Chick J. Alcohol dependence : methodological issues in its measurement reliability of the criteria. British Journal of Addiction. 75 : 175-86, 1980.
- Clarren SK, Smith DW. The fetal alcohol syndrome. New England Journal of Medicine. 298 : 1063, 1978.
- Criteria Committee, National Council of Alcoholism. Criteria for the Diagnosis of Alcoholism. American Journal of Psychiatry. 129(2) : 127-34, 1976.
- Deborah S. Hasin, Ph.D., Bridget Grant, Ph.D. and Jean Endicott, Ph.D. The national history of alcohol abuse : implication for definitions of alcohol use disorders. American Journal of Psychiatry. 147(11) : 1537-41, 1990.
- Donald W. Goodwin. Genetic factors in the development of alcoholism. in Steven M. Mirin, M.D. substance abuse. Psychiatric Clinic of North America. 9(3) : 427-34, 1986.

- Edwards G, Gross MM. Alcohol dependence : provisional description of a clinical syndrome. Britis Medical Journal. 1 : 1058-61, 1976.
- Eric W. Larson, M.D. Alcoholism : the disease and the diagnosis. American Journal of Medicne. 91(8) : 107-9, 1991.
- Ewing JA. Detecting alcoholism : the CAGE questionnaires. JAMA. 252 : 1907, 1984.
- Factors affecting drug use and abuse. Bulletin WHO. 59 : 225-42, 1981.
- George Huge Claxton. Alcohol the facts. National Drug Abuse Information Center (NDAIC). Australian Government Publishing Service, Canberra, 1992.
- Goldstein SG, Linden JD. Multivariate classification of alcoholics by means of the MMPI. Journal of Abnormal Psychology. 74 : 661-69, 1969.
- Hesselbrock MN, Meyer RE, Keener JJ. Psychopathology in alcoholic patient. Archieves of General Psychiatry. 42 : 1050, 1985.
- Hughes PH, Barker NW, Crawford GA, Jaffee. The natural history of heroin epidemic. American Journal of Public Health. 62 : 995-1001, 1972.
- John Schanks. Alcohol and Youth. World Health Form. 11 : 235-41, 1990.
- Jones KL, Smith DW. Pattern of malformation in off spring of Chronic alcoholic mothers. Lancet. 1 : 1267, 1972.

- Jones Mc. Personality correlates and antecedents of drinking pattern in adult males. Journal of Consultation and Clinical Psychology. 32 : 2-12, 1968.
- Kriangsakpichit A, Vasuntara S, Sirtsorn P, Tuwanchirakul O, Kuansuwan A. Survey of alcoholism and psychiatric syndrome in police manpower. Journal of Psychiatric Association of Thailand. 29(2) : 89-100, 1984.
- Kriangsakpichit A, Kuansuwan A, Chaibuadang A. Alcoholism, drugs, misconduct and their adverse effect in the police officers. Thai Police Medical Journal. 14(3) : 139-48, 1988.
- Linda B. Cottler and Susan K. Keating. Operationalisation of alcohol and drug dependence criteria by means of a structured interview. in Marc Galanter. Recent developments in alcoholism Vol.8 : 68-83, 1990.
- MacKintosh DR, Stewart GT. A mathematical model of heroin epidemic : implications for control policies. Journal of Epidemiology and Community Health. 33 : 299-304, 1979.
- Morse RM, Hurt RD. Screening for alcoholism. JAMA. 242 : 2688-90, 1979.
- Myrnn M. Weissman, Ph.D., Jerome K. Myers, Ph.D. and Pamela S. Hardeng, M.A. Psychiatric disorders in a U.S. urban community. American Journal of Psychiatry. 135(4) : 459-62, 1978.

- Nathan PE, Titler NA, Lowenstein LM, et al. Behavioral analysis of chronic alcoholism. Archives of General Psychiatry. 22 : 419-30, 1970.
- Otrakul A, Wong-arsa C, Boonshuya C, Issa Abdulkarim A. Identification of alcoholism among B M A bus drivers in Bangkok. Journal of Psychiatric Association of Thailand. 33(2) : 55-60, 1988.
- Roger E. Meyer. Old wine, new bottle : an alcohol dependence syndrome. in Steven M. Mirin, M.D. Substance abuse. Psychiatric Clinic of North America. 9(3) : 435-54, 1986.
- Selzer ML. The Michigan Alcoholism Screening Test : the quest for a new diagnostic instrument. American Journal of Psychiatry. 127 : 1653-8, 1971.
- _____, Vinokur A, Van Rooijen L. A self-administered Short Michigan Alcoholism Screening Test (SMAST). Journal of Studies Alcohol. 36 : 117-26, 1975.
- Stanley W. Sandava. Problem drinking and alcohol problem. in Marc Galanter. Recent developments in alcoholism. Vol.8 : 173-201, 1990.
- Tanchaiswad W. M A S T : the instrument for screening alcoholism. Journal of Psychiatric Association of Thailand. 32(2) : 47-53, 1988.
- _____. Alcoholism : prevalence in general hospital outpatient. Journal of Psychiatric Association of Thailand. 35(1) : 3-9, 1990.

- Thomas F. Babar, Barbara Orrok, Neil Liebowitz, Ronald Salomon and Joseph Brown. From basic concepts to clinical reality, unresolved issues in the diagnosis of dependence. in Marc Galanter. Recent developments in alcoholism. Vol.8 : 85-104, 1990.
- Vajarajote P, Otrakul A, Kusolvisikul V, Patumpetch D, Sangsupan A, Kriangsakpichit A. A survey of admitted alcoholics admitted to government hospital in Bangkok. Journal of Psychiatric Association of Thailand. 30(3) : 101-6, 1985.
- Vasoontara S. Psychiatric disorders in general in-patients of the Police General Hospital. Thai Police Medical Journal. 14(1) : 15-21, 1988.
- Weissman M, Myers J. Clinical depression in alcoholism. American Journal of Psychiatry. 137 : 372-3, 1980.
- Woodruff RA, Clayton PT, Cloninger CR, et al. A brief method of screening for alcoholism. Journal of Clinical Psychiatry. 37 : 434-35, 1976.
- World Health Organization Expert Committee. Problems related to alcohol consumption. Technical Report, Series no.650, WHO, Geneva, 1980.



ศูนย์วิทยทรัพยากร
จุฬาลงกรณ์มหาวิทยาลัย

QUESTIONNAIRES

Number.....
 Name.....
 Status in the household.....
 Address.....
 Household no..... no.....
 Date.....
 Interviewer.....

PART 1 Demographic data

1. age.....years
2. sex male female
3. marital status never married
 married.....times
 current status live together
 separated
 divorced
 widowed
- number of children.....persons
 number of persons you take care
 persons
4. religion Buddhism
 Christ
 Islam (Moslem)

- [] Hindu
 [] others (specify).....
5. occupation [] government officer
 [] business
 [] employee
 [] agriculturist
 [] others (specify).....
 [] unemployed, who take care you ?....
6. education (years in school) [] no school
 [] up to 4 years
 [] 5-9 years
 [] 10-12 years
 [] Bachelor's degree
 [] higher
 [] others (specify)

7. income, socioeconomic status/month (Baht).....
 [] enough [] with saving [] without saving
 [] not enough [] with debt [] without debt
 [] no income because.....
 average income of household.....Baht/month
 source of income.....
8. number of members stay in this house.....persons
9. number of families in this household.....families
- Family structure [] extended
 [] nuclear

10. Do you have familial history of alcohol drinking ?

- yes both father and mother
 father
 mother
 grandfather or grandmother
 siblings
 other relatives (specify).....
- no

PART 2 Drinking behavior and pattern of drinking

11. Have you ever had alcohol drinking ?

- yes how often ? episodic
 continuously
 no (pass to question no.25)

12. You start drinking at the age of.....year

- Why ? try
 friends persuasion
 familial history and force
 social belief and culture, male should strong and can drink alcohol
 help in social activity
 health problems, there are suggestions
 stress
 reduce emotional problems

- first time of sexual intercourse
 others (specify).....
13. During the past 6 months have you ever had alcohol beverage ?
 yes how often ? episodic
 continuously
 no, has stopped
14. During the past 30 days or 1 month have you ever had alcohol beverage ?
 not at all
 drink less than time/week
 drink 1 time or more/week
 daily
 2-3 times/day
 more than 4 times/day
15. Have you drunk alcohol beverage in the past 24 hour ?
 yes
 no
16. What kind of alcohol beverage do you use most often ?
 white alcohol
 whisky, specify brand name.....
 local-made, specify.....
 beer
 brandy
 wine
 champaign
 cocktail

- mix in herbal medicine
- others specify.....
17. How much (amount) of alcohol consumption do you use per day ?
- less than 1 small bottle
- 1 small-1 big bottle
- more than 1 big bottle
- small bottle of beer
- big bottle of beer
- more than big bottle of beer
- 1-3 glasses
- 4-5 glasses
- 6-7 glasses
- others specify.....
18. Characters of alcohol drinking
- Time that you always drink
- in the morning
- late morning
- noon
- in the afternoon
- in the evening
- at night
- all day

- duration of time you use for drinking

- 1-2 hours
- 2-4 hours
- 4-6 hours
- more than 6 hours

- Place that you always drink

- in your house
- outside
- restaurants, food centre
- night club

- with whom you always drink

- alone
- with friends
- with others
- others specify.....

19. Did you observed your feeling or changes before and after your drinking ?

before..... after.....

.....

any changes yes
 no

20. Have you ever used alcohol to relieve your life problems ?

- yes
- no

21. Have you ever stopped or reduced your drinking ?

yes why ?

want to stop or reduce your own

health problems

other specify.....

how ? by yourself

treatment (specify).....

how long ?

why do you come to drink again ?.....

no

22. How difficult did you feel about stop drinking ?

easy

difficult

very difficult

23. Have you ever requested help from anyone about your drinking ?

yes, from whom.....

no

24. Have you ever requested help from the doctor for treatment because of your drinking ?

yes

no

25.

25.1 Have you ever used other kinds of drugs or substances ?

- yes cigarettes
 marijuana
 coffee, tea
 CNS stimulants
 tranquilizers, benzodiazepines
 analgesics
 areca-nut
 kratom
 heroin
 others (specify).....

no

25.2 Have you ever used these drugs in the last 6 months ?

yes

no

25.3 How often have you used these drugs in the last 30 days ?

not at all

less than once weekly

once weekly or more

once daily

2-3 times/day

4 or more times/day

25.4 Were these drugs used during the last 24 hours ?

yes

no

**PART 3 Co-morbid psychiatric problems, general well-being
and quality of life**

Questions about how you feel and how things have
been going with you during the past month ?

26. How have you been feeling in general ?
26. in excellent spirits
 in very good spirits
 in good spirits mostly
 I have up and down in spirits a lot
 in low spirits mostly
 in very low spirits
27. Have you been bothered by nervousness or your "nerves" ?
27. extremely so...to the point where I could not work or take care of things
 very much so
 quite a bit
 some...enough to bother me
 a little
 not at all

28. Have you been in firm control of your behavior, thought, emotions or feelings ?
28. yes, definitely so
 yes, for the most part
 generally so
 not too well
 no, and I am somewhat disturbed
 no, and I am very disturbed
29. Have you felt so bad, discouraged hopeless or had so many problems that you wondered if anything was worthwhile ?
29. extremely so..to the point that I have just about given up
 very much so
 quite a bit
 some..enough to bother me
 a little bit
 not at all
30. Have you been under or felt you were under any strain, stress, or pressure ?
30. yes..almost more than I could bear or stand
 yes..quite a bit of pressure
 yes.. some more than usual
 yes..some but about usual
 yes..a little
 not at all

31. How happy, satisfied, or pleased have you been with your personal life ?
31. extremely happy, could not have been more satisfied or pleased
- very happy
- fairly happy
- satisfied..pleased
- somewhat dissatisfied
- very dissatisfied
32. Have you had any reason to wonder if you were losing your mind, or losing control over the way you act, talk, think, feel, or of your memory ?
32. not at all
- only a little
- some..but not enough to be concerned or worried about
- some and I have been a little concerned
- some and I am quite concerned
- yes, very much so and I am very concerned
33. Have you ever been anxious, worried, or upset ?
33. extremely so..to the point of being sick or almost sick
- very much so
- quite a bit
- some..enough to bother me

- [] a little bit
[] not at all
34. Have you ever been waking up fresh and rested ? 34. [] every day
[] most every day
[] fairly often
[] less than half the time
[] rarely
[] none of the time
35. Have you ever been bothered by any illness, bodily disorder, pains, or fears about your health ? 35. [] all the time
[] most of the time
[] a good bit of the time
[] some of the time
[] a little of the time
[] none of the time
36. Has your daily life been full of things that were interesting to you ? 36. [] all the time
[] most of the time
[] a good bit of the time
[] some of the time
[] a little of the time
[] non of the time
37. Have you felt downhearted and blue ? 37. [] all the time
[] most of the time
[] a good bit of the time
[] some of the time
[] a little of the time
[] non of the time

38. Have you been feeling emotionally atable and sure of yourself ?
38. [] all the time
 [] most of the time
 [] a good bit of the time
 [] some of the time
 [] a little of the time
 [] non of the time
39. Have you felt tired, worn out, used-up or exhausted ?
39. [] all the time
 [] most of the time
 [] a good bit of the time
 [] some of the time
 [] a little of the time
 [] non of the time
40. How concerned or worried about your HEALTH have you been ?
40. _!_!_!_!_!_!_!_!_!_!
 0 10
 not concerned al all very concerned
41. How RELAXED or TENSE have you been ?
41. _!_!_!_!_!_!_!_!_!_!
 0 10
 very relaxed very tense
42. How much ENERGY, PEP, VITALITY have you felt ?
42. _!_!_!_!_!_!_!_!_!_!
 0 10
 no energy AT ALL, very ENERGETIC,
 listless dynamic
43. How DEPRESSED or CHEERFUL have you been ?
43. _!_!_!_!_!_!_!_!_!_!
 0 10
 very depressed very cheerful

PART 4 Questionnaires for testing personality profile
number 44-221.

PART 5 Behavioral consequences

222. Have you ever met with these events ? 0 = never

1 = ever

Does it associate with alcohol drinking ? 0 = no

1 = yes

For alcohol use :

(was it because of your
drinking or where drinking
was part of the problem ?)

..... been in the hospital because of drinking too
much (intoxication)

..... been in a psychiatric for treatment of
hospital alcoholic withdrawal
symptoms (tremor, hallu-
cinations)

..... because of emotional
problems in which drinking
had played part

..... health problems associated with drinking

..... CNS

..... liver

..... pancrease

..... stomach

- cardiovascular
(H T , HD, stoke)
- accident (how driving after drinking
severe specify....)
- arrested because of drunk behavior
- fighting with associated with drinking
others
- injury to yourself associated with drinking
- injury by others associated with drinking
- injury the others associated with drinking
- problem with associated with drinking
spouse and family
- social problems associated with drinking
- financial problems associated with drinking
- work problems associated with drinking
- sexual problems associated with drinking
- others (specify).. associated with drinking

PART 6 Identify alcohol use disorders

		<u>Scoring Points</u>	
		Yes	No
223.	Has your spouse ever threatened to leave because of your drinking ?	....	....
224.	Do you ever feel that your drink has harmed your friendship, social life, home life or marriage ?	....	....

		<u>Scoring Points</u>	
		Yes	No
225.	Has your spouse ever objected to your drinking ?	....	....
226.	Has your relatives ever objected to your drinking ?	....	....
227.	Has your friends ever objected to your drinking ?	....	....
228.	Has your neighbours ever objected to your drinking ?	....	....
229.	Have you ever lost or nearby lost a job because of drinking ?	....	....
230.	Have your ever neglected your work or quitted a job because you were drinking ?	....	....
231.	Have you ever been "high" or "tight" while on a job ?	....	....
232.	Have you ever neglected (staying out) your work because of your hangover ?	....	....
233.	Have your friends or anyone at your wirjokace ever objected to your drinking ?	....	....
234.	Do you ever feel had about your drinking that create problems with your work ?	....	....

		<u>Scoring Points</u>	
		Yes	No
235.	Do you ever feel that your drinking obstructed your employment or advancement opportunities ?	....	....
236.	Have you ever been suggested by a doctor to cut down on drinking ?	....	....
237.	Do you ever feel that your health problems were due to your drinking ?	....	....
238.	Have you ever been injured because of your drinking ?	....	....
239.	Have you ever injured someone else because of your drinking ?	....	....
240.	Have you ever lost or damaged your property because of your drinking ?	....	....
241.	Have you ever been arrested for drunk driving or driving after drinking and got the legal problem ?	....	....
242.	Can you stop drinking without a struggle before you got intoxicated ?	....	....
243.	Are you able to control yourself to inhibit your drinking when you have promised not to drink ?	....	....
244.	Have you ever tried to cut down or quit your drinking but you could not manage to do so ?	....	....

	<u>Scoring Points</u>	
	Yes	No
245. Have you ever drunk three or more times a day ? (all the day)
246. Do you ever drink 8 or more drinks at least once a week and feel intoxicated once a month or less ?
247. Have you ever had tremor, hand shaking in the morning after drinking ? (heard voices, seen things that weren't there)
248. Have you ever used a drink in the morning is the first thing as an eye-opener ?

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VITAE

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