

40%가
 5) 20
 10%
 가
 13)
 가
 2001 15~19
 20.6% 1995 3.7 가
 30.7%
 1995 2.2 가 3)

사회문화적 특징

8) 가
 ,가
 ,가 /
 ,가
 가
 6,7)
 7,8)

임상경과
 9)
 7)
 가
 가
 8)
 가
 10)
 4)
 34~38 , 28~30
 15-19) 1988 , 1940
 18)

regular drunkenness
 21) binge drinking re-
 18) regular drinking pattern
 11) 15,19,20)
 10) (telescoping course of illness) 22)
 가 . Piazza²²⁾
 telescoping course
 (0.9 vs 2.3)
 가
 (5.5 vs 7.8).
 11) (11.6 vs 15.8).
 Wils- nonchemical dependence 23)

nack¹²⁾

telescoping course가

24) (window) 20 가, 25) 가, 26) 가, 32) 가, 33-36) 가, 37-39) 가, 40,41) 가, 42) 가, 43) 가, 44)가 50%, 45) 가, 46) 가, 47) 가, 48-50) 가, 51-53) 가

알코올에 대한 생물학적 반응

25) Frezza²⁷⁾ (alcohol dehydrogenase) 가 (first-pass) 가, metabolism) 가, 25) (organization) 가, 28) (modulation) neurosteroids가, 뇌에 미치는 영향, 46) 가, 47) 가, 48-50) 가, 51-53) 가

알코올 섭취가 신체 기관에 미치는 영향

내과적 영향

29) laspartate, N-acety-⁵⁴⁾ 가, 8) 심리적 영향 및 정신과적 공존이환(Psychiatric comorbidity), 30) 가, 25) 가, 60 g, 20 g, 31) D, 55) 가

- Kleber HD, editors. Textbook of substance abuse treatment. Washington, DC: American Psychiatric Publishing;2004. p.539-546.
- 26) Lewis CE, Smith E, Kercher C, Spitznagel E. Assessing gender interactions in the prediction of mortality in alcoholic men and women: A 20-year follow-up study. *Alcohol Clin Exp Res* 1995;19:1162-1172.
 - 27) Frezza M, di Padova C, Pozzato G, Terpin M, Baraona E, Lieber CS. High blood alcohol levels in women. The role of decreased gastric alcohol dehydrogenase activity and first-pass metabolism. *N Engl J Med* 1990;322:95-99.
 - 28) Lancaster FE. Gender differences in the brain: Implications for the study of human alcoholism. *Alcohol Clin Exp Res* 1994;18:740-746.
 - 29) Fuchs CS, Stampfer MJ, Colditz GA, Giovannucci EL, Manson JE, et al. Alcohol consumption and mortality among women. *N Engl J Med* 1995;332:1245-1250.
 - 30) Sherlock S. Liver disease in women. Alcohol, autoimmunity, and gallstones. *West J Med* 1988;149:683-686.
 - 31) Paquignot G, Cyrulnik F. Chronic disease due to overconsumption of alcoholic drinks (excepting neuropsychiatric change). *Pharmacol Ther* 1970;11:375-412.
 - 32) Brady KA, Badrinath S, Bush K, Boyd-Wickizer J, Anawalt B. Medical risks for women who drink alcohol. *J Gen Intern Med* 1998;13:627-639.
 - 33) Acker C. Neuropsychological deficits in alcoholics: the relative contributions of gender and drinking history. *Br J Addict* 1986;81:395-403.
 - 34) Glenn SW, Parsons OA. Neuropsychological efficiency measures in male and female alcoholics. *J Stud Alcohol* 1992;53:546-552.
 - 35) Acker C. Performance of female alcoholics on neuropsychological testing. *Alcohol Alcohol* 1985;20:379-386.
 - 36) Nixon SJ, Tivis R, Parsons OA. Interpersonal problem-solving in male and female alcoholics. *Alcohol Clin Exp Res* 1992;16:684-687.
 - 37) Jacobsen R. Female alcoholics: a controlled CT brain scan and clinical study. *Br J Addict* 1986;81:661-669.
 - 38) Mann K, Batra A, Gunthra A, Schroth C. Do women develop alcoholic brain damage more readily than men? *Alcohol Clin Exp Res* 1992;16:1052-1056.
 - 39) Kroft CL, Gescuk B, Woods BT, Mello NK, Weiss RD, Mendelson JH. Brain ventricular size in female alcoholics: An MRI study. *Alcohol* 1991;8:31-34.
 - 40) Ashley MJ, Olin JS, LeRiche WH, Kornaczewski A, Schmidt W, Rankin JG. Morbidity in alcoholics. *Arch Intern Med* 1977;137:883-887.
 - 41) Wilkinson P, Kornaczewski A, Rankin JG, Santamaria JN. Physical disease in alcoholism: initial survey of 1000 patients. *Med J Aust* 1971;1:1217-1223.
 - 42) Nixon SJ. Cognitive deficits in alcoholic women. *Alcohol Health Res World* 1994;18:228-232.
 - 43) Mello NK, Mendelson JH, Teoh SK. Neuroendocrine consequences of alcohol abuse in women. *Ann N Y Acad Sci* 1989;562:211-240.
 - 44) Kinsey BA. The female alcoholic: a social psychological study. Springfield, Ill. Thomas;1966.
 - 45) Sholty MJ. Female sexual experience and satisfaction as related to alcohol consumption. Baltimore: University of Maryland, Alcohol and Drug Abuse Program;1979.
 - 46) Gearhart JG, Beebe D, Milhorn HT, Meeks GR. Alcoholism in women. *Am Fam Physician* 1991;44:907-913.
 - 47) Hommer DW. Male and female sensitivity to alcohol-induced brain damage. *Alcohol Res Health* 2003;27:181-185.
 - 48) Hommer D, Momenan R, Rawlings R, Ragan P, Williams W, Rio D, et al. Decreased corpus callosum size among alcoholic women. *Arch Neurology* 1996;53:359-363.
 - 49) Agartz I, Shoaf S, Rawlings RR, Momenan R, Hommer DW. CSF monoamine metabolites and MRI brain volumes in alcohol dependence. *Psychiatry Res* 2003;122:21-35.
 - 50) Hommer DW, Momenan R, Kaiser E, Rawlings RR. Evidence for a gender-related effect of alcoholism on brain volumes. *Am J Psychiatry* 2001;158:198-204.
 - 51) Pfefferbaum A, Sullivan EV, Rosenbloom MJ, Shear PK, Mathalon DH, Lim KO. Increase in brain cerebrospinal fluid volume is greater in older than in younger alcoholic patients: A replication study and CT/MRI comparison. *Psychiatry Res* 1993;50:257-274.
 - 52) Pfefferbaum A, Rosenbloom M, Deshmukh A, Sullivan E. Sex difference in the effects of alcohol on brain structure. *Am J Psychiatry* 2001;158:188-197.
 - 53) Pfefferbaum A, Rosenbloom M, Serventi KL, Sullivan EV. Corpus callosum, pons, and cortical white matter in alcoholic women. *Alcohol Clin Exp Res* 2002;26:400-406.
 - 54) Sweinsburg BC, Alhassoon OM, Taylor MJ, Gonzalez R, Videon JS, Brown GG, et al. Effects of alcoholism and gender on brain metabolism. *Am J Psychiatry* 2003;160:1180-1183.
 - 55) Sexton H, Lipton RI, Nilssen O. Relating alcohol use and mood: results from the Tromso study. *J Stud Alcohol* 1999;60:111-119.
 - 56) Wang JL, Patten SB. A prospective study of sex-specific effects of major depression on alcohol consumption. *Can J Psychiatry* 2001;46:422-425.
 - 57) Dixit AR, Crum RM. Prospective study of depression and the risk of heavy alcohol use in women. *Am J Psychiatry* 2000;157:751-758.
 - 58) Kessler RC, Crum RM, Warner LA, Nelson CB, Schulenberg J, Anthony JC. Lifetime co-occurrence of DSM-III-R alcohol abuse and dependence with other psychiatric disorders in the National Comorbidity Survey. *Arch Gen Psychiatry* 1997;54:313-321.
 - 59) Breslau N, Davis GC, Peterson EL, Schultz L. Psychiatric sequelae of posttraumatic stress disorder in women. *Arch Gen Psychiatry* 1997;54:81-87.
 - 60) Prescott CA, Aggen SH, Kendler KS. Sex-specific genetic influences on the comorbidity of alcoholism and major depression in a population-based sample of U.S. twins. *Arch Gen Psychiatry* 2000;57:803-811.
 - 61) McGrath PH, Nunes EV, Quitkin FM. current concepts in the treatment of depression in alcohol-dependent patients. *Psychiatr Clin North Am* 2000;23:269-275.
 - 62) Schuckit MA, Tipp JE, Anthenelli RM, Bucholz KK, Hesselbrock VM, Nurnberger JI Jr. Anorexia nervosa and bulimia nervosa in alcohol-dependent men and women and their relatives. *Am J Psychiatry* 1996;153:74-82.
 - 63) Gombert ESL. Women and alcohol: use and abuse. *J Nerv Ment Dis* 1993;181:211-219.
 - 64) Floyd RL, Decoufle P, Hungerford DW. Alcohol use prior to pregnancy recognition. *Am J Prev Med* 1999;17:101-107.
 - 65) Fisher SE. Selective fetal malnutrition: the fetal alcohol syndrome. *J Am Coll Nutr* 1988;7:101-106.
 - 66) Abel EL, Sokol RJ. Incidence of fetal alcohol syndrome and economic impact of FAS-related anomalies. *Drug Alcohol Depend* 1987;19:51-70.
 - 67) Taylor AN, Branch BJ, Van Zuylen JE, Redei E. Maternal alcohol consumption and stress responsiveness in offspring. *Adv Exp Med Biol* 1988;245:311-317.
 - 68) Roman PM. Biological features of women's alcohol use: a review. *Public Health Rep* 1988;103:628-637.
 - 69) Cochrane C, Malcolm R, Brewerton T. The role of weight control as a motivation for cocaine abuse. *Addict Behav* 1998;23:201-207.
 - 70) Pirkola SP, Isometsa ET, Heikkinen ME, Henriksson MM, Marttunen MJ, Lonnqvist JK. Female psychoactive substance-dependent suicide victims differ from male--results from a nationwide psychological autopsy study. *Compr Psychiatry* 1999;40:101-107.
 - 71) Sterling RC, Gotthel E, Weinstein SP, Serota R. The effect of therapist/patient race- and sex-matching in individual treatment. *Addiction* 2001;96:1015-1022.