

정신과 약물 임상시험시 고려되어야 할 윤리적 문제

이 홍 식

ABSTRACT

Ethical Issues in Psychotropic Drug Trial

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This paper covered a variety of issues that fall under the general rubric of ethical considerations in clinical psychopharmacologic research. The topics of ethical of subject selection and confidentiality, medication-free research, informed consent for those humans exposed to psychotropic drug research, and possible conflicts of interest in medical researcher/pharmaceutical sponsor were reviewed. Beginning with a brief section on the justifications for engaging in research, this review indentified the conflicts that inevitably arise between society's need for reliable and valid research and our obligation to protect subjects. Also author reviewed the patient consent issues, including the essential elements of informed consent, populations requiring surrogate consent, and confidentiality requirements. The paper continued with a discussion of responsible research practices, including the medication-free research, and conflicts of relationship between researcher and sponsor. In spite of a number of ethical dilemmas in clinical trials, the willingness of the scientist to confront the ambiguities of ethical questions in the pursuit of scientific knowledge reveals a basic truth, that is, the ethical characteristics of the scientist who undertakes such a task. Although it would be impossible to assure the general population that all researchers are ethical, it is incumbent on us to educate future researchers and provide practical guidelines for maintaining the primary ethical values of the individual who performs research with humans. (**Korean J Psychopharmacol 1998;9(2):111-118**)

KEY WORDS : Ethics · Subjects · Informed consent · Confidentiality · Medication-free research.

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1998 9 4

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146 - 92

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가

1980 . KGCP(Korean Good Clinical Practice) 1994 . 1995 10 KGCP가 가 . 1990 가 가 4 KGCP , (placebo) 가 가 . 1) , 2) (informed consent), 3) (confidentiality), 4) medication - free research, 5)

1. 연구 대상자(Subject)

가 . 가 . American College of Neuropsychopharmacology (ACNP) “ Ethical Conduct for Neuropsychopharmacologic Research in Hu-

man Subjects ” 5 가 . 2) , (type of subject) patient, patient volunteer, nonpatient volunteer

(incompetent patients)

“ measurement ” 가 . , patient volunteer 가 가

, nonpatient volunteer

가

가 , potential benefits

(risk) 가 가

가

가 가

가

가

insky³⁾ Gallant Kr-vulnerable population

가

incentive

가 (informed consent) 가

가

가

가 risk benefit

가 , 가

(substance abusers) 가

가 (do-cument) (process)

가 Inernet Consent 4가

가 negative effect (risk) (a state of voluntariness or free choice), 2)

가 (legal capacity to give consent), 3)

가 가 가 가 (Comprehensibilit/of the subject), 4)

가 (Adequate in-formation on major benefits and risks) 4가

가 Nuremberg Code 4가 IRB가

가 patient 4)

volunteer nonpatient volunteer

가 가

patient volunteer nonpatient volunteer

가 가

2. 고지된 동의(Informed Consent)

1) 고지된 동의서의 기본요소

5)

Table 1. 의약품 임상시험 관리기준 개정안 제6장(보건복지부 1995. 10. 1 시행)

6	15 () :	
	16 () :	
28	4	29 2 17
1.		
2.		
3.		
4.	가	가
5.	가	가
6.		
7.		
8.		

가

가

가

가

1995 10 KGCP

가

(Table).

(American College of Neuropsychopharmacology : ACNP) (Table 가

2) 가

2) 대리인의 동의
Competent patients() 가

(appropriate decision)

() competent

가 (ment -

ally impaired) 가

6)

durable power of

Table 2. 서면동의서의 세부내용(American College of Neuropsychopharmacology : 1985)

1.	()
2.	가
3.	
4.	
5.	
6.	(IRB가)
7.	
8.	가
9.	가
10.	가
11.	
12.	가

attorney(DPA) 가 .⁷⁾ NIH(National Institutes of Health) 1986

가

DPA가 가 . 가 ,

DPA 가 75%

가 가

⁹⁾ 가 informed consent

DPA , informed consent

가 가

benefit risk

1 가 (legal guardian)

3. 비밀보장(Confidentiality)

⁸⁾ (choice) (decision)

(vulnerable state)

acy) (privacy)

가

HHS/PHS(Department of Health and Human Services/Public Health Service)

(confidentiality certificate)

4. 약물 비투여 연구(Medication-free research) (Medication - free protocol)

가 가

가 가?

1994 New York Times(March 10)

insulin

placebo

가 National Institutes of Health Office of Protection from Research Risk UCLA

.¹¹⁾ 가

(drug - free period)가 가

가

medication - free research가

1) adverse drug - drug interaction

, 2) clinical response

, 3) medication - free baseline

4)

placebo

가

가

가?

가

가

.¹¹⁾

protocol

가

가

noncompliance

가

, TD

가

(American College of Physicians, 1990)

14) 1)

, 2)

, 3)

, 4)

, 5)

positive result가 negative result
가

결 론

가 가 가

가

가

가

가

중심 단어 :

참고문헌

- 1) 신상구(1998) : 의약품 임상시험. 대한의사협회지 41:806-9.
- 2) American College of Neuropsychopharmacology(1990) : Code of ethics. February.
- 3) Gallant DM, Eichelman B(1987) : Ethical dilemmas in neuropsychopharmacologic research. In: Meizer Hy, ed. Psychopharmacology. The third generation of progress. New York Raven Press 1-16.
- 4) Barber B(1976) : The ethics of experimentation with human subjects. Sci Am 234:35-41.
- 5) American College of Physician(1989) : Cognitively impaired subjects. Ann Intern Med 3:843-8.
- 6) McCormick RA(1976) : Experimental subjects. JAMA 235:2197.
- 7) Fletcher J, Wichman A(1987) : A new consent policy for research with impaired human subjects. Psychopharmacol Bull 23:382-5.
- 8) Appelbaum P, Roth L(1982) : Competency to research a psychiatric overview. Arch Gen Psychiatry 39:951-8.
- 9) Grisso T, Appledbaum PS(1995) : The Treatment Competence Study III: Abilities of Patients to consent to Psychiatric and mental treatments. Law Human behav 19:149-74.
- 10) US Office for Protection of Research Risks(1989) : Additional protection pertaining to biomedical and behavioral research involving prisoners as subjects. Federal Register. Jul 31:45 CFR 46.
- 11) Carpenter WT, Schooler NR, Kane JM(1997) : The rationale of ethics of medication-free research in schizophrenia. Arch Gen Psychiatry 54:401-7.
- 12) Association of American Medical Colleges(1990) : Guidelines for dealing with faculty conflicts of commitment and conflicts of interest in research. February 22.
- 13) Council Report(1990) : Conflicts of interest in medical center/industry research relationships. JAMA 263:2790-3.
- 14) American College of Physicians(1990) : Physicians and Pharmaceutical Industry. Ann Int Med 112 (8) :624-6.
- 15) Kalman TP, Talon NS, Frances A, Kocsis JH(1982) : A controlled study of satisfaction among psychobiology research patients. Am J Psychiatry 139:344-7.