

Depressive syndrome being the mask of beginning schizophrenic process - own experience

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ABSTRACT

Detailed psychiatric examination in my patient demonstrated evident endogenous depressive syndrome and schizoid personality. Besides that, the author, after multiple examinations and numerous visits, diagnosed a beginning schizophrenic process.

Key words: depression-mask schizophrenic process, impulsive aggression and irritability, sertraline, perphenazine.

SÍNDROME DEPRESIVO QUE ENMASCARA UN PROCESO DE ESQUIZOFRENIA QUE PRINCIPIA. EXPERIENCIA PROPIA

RESUMEN

La exploración psiquiátrica en el paciente mostró un proceso depresivo y una personalidad esquizoide y después de varios exámenes se diagnóstico en proceso esquizofrenico.

Palabras clave: depresión que enmascara un proceso esquizofrenico, agresión e irritabilidad, sertralina, perfenazina, agresión e irritabilidad.

In the environment of psychiatrists it is rather commonly known that an episode of *major depression* can, quite not infrequently, be the mask of beginning schizophrenic process. It is known that the highest risk of developing schizophrenia is in the 18 - 25 years age group. If a patient from this age group comes to a psychiatrist with a typical episode of *major depression*, it should be always taken into

account that this can be a mask of beginning schizophrenic process. Administration of tricyclic antidepressants in such cases may, unfortunately, trigger productive symptoms, that is delusions and hallucinations of schizophrenic psychosis. Therefore, it seems that the safest method in such cases is administration of a neuroleptic with antidepressant action. It seems also safe to use in such cases an antidepressant from the group of selective serotonin central reuptake inhibitors in combination with a neuroleptic. Some authors demonstrated that sertraline can be here a drug that is safe enough. These authors showed that sertraline is fraught with lower risk of schizophrenic symptom recurrence than imipramine.

CASE REPORT

Female patient B.K. aged 22 previously never received any psychiatric treatment. The patient was born after normal pregnancy and labour. Her childhood was moderately good. The patient's parents were apparently warm, considerate, hard working, quiet and affective. At home, apparently warm atmosphere was present, full of love and peace. No family rows occurred at home. The order and calm of the family life were only disturbed by small quarrels between the parents. The patient is the only child in the family. Unfortunately, the parents are a type of sad-

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masochist couple of atypical arrangement of roles. The patient's father had masochist tendencies and the mother - sadistic ones. Reaching of orgasm in both parents was possible only after long initial play including long physical maltreatment. According to the sado-masochist orientation, the mother during the initial play used active aggression against the father in the form of whipping. After such play, they used to have a normal, typical sexual intercourse. This took place during night. The parents fascinated with themselves did not know that the patient, the small girl awoken from sleep, attentively watched these scenes through half-opened door. The patient never told her parents that she was the witness of these scenes. Unfortunately, this caused in her a deep psychic trauma which was the cause of deep aversion to people of either sex. Despite that, she achieved good results in primary and secondary school. The above psychic trauma caused that the patient has been avoiding men until presently. Even the thought that she could have a boyfriend or fiancé, has caused aversion in the patient. Directly after obtaining her secondary school certificate she started to work in order to isolate herself from her peers - other female and male students. In her work she has avoided other people. She has been working as an official in revenue office. She managed to obtain an isolated room in order to work alone and isolated from other people. She has been performing her occupational tasks with moderate success. She has problems with adaptation to reality. Sometimes, for unimportant reasons she was making quarrels with the head of the revenue office. The parents of the patient make all what is possible helping the patient to keep her job.

The patient at the age of 22 years came to the author, referred by her family doctor with the diagnosis of *major depression*. Detailed psychiatric examination demonstrated evident endogenous depressive syndrome and schizoid personality with a tendency to development of schizophrenia. Besides that, the author, after multiple examinations and numerous visits, diagnosed a beginning schizophrenic process. The diagnosis was confirmed by tests according to Hamilton Scale, Montgomery-Asberg Scale, SGI Scale, DSM-III-R criteria, and Simpson-Angus Scale and SANS. No mental diseases occurred in patient's family. The patient gave no history of head trauma or loss of consciousness. She denied any serious somatic diseases.

Laboratory tests:

- basic laboratory blood and urine analyses gave normal results
- ECG record was normal,
- EEG record was normal,
- chest radiogram was normal,
- neurological examination: no focal and meningeal symptoms,
- eye fundus examination: normal,
- physical examination was normal,

The intense treatment with individual psychotherapy, oral sertraline in 50 mg daily dose, and perphenazine (Trilafon) in 64 mg daily dose produced complete remission of *major depression* and of the beginning schizophrenic process.

DISCUSSION

A very controversial problem in the described case is the question to what degree the cause of patient's isolation from people and misanthropy are her experiences from childhood. The presence of a causal relationship between patient's experiences from childhood and her later isolation from people and aversion to environment appears quite evident. Sertraline proved here to be a very favourable drug due to many reasons. The advantage was taken here of doubtless antidepressant effect of sertraline. The patient making quarrels with the head of revenue office due to insignificant reasons, demonstrated impulsive aggression and irritability. Therefore, the author treating the patient with sertraline took advantage of the experience of other authors who treated with sertraline their patients with personality disturbances with accompanying impulsive aggression and irritability. These authors achieved a satisfactory therapeutic result.

USE REFERENCES

1. Aguglia E, Casacchia M, Cassano GB. Double-blind study of the efficacy and safety of sertraline versus fluoxetine in major depression. *Source Inter Clin Psychopharmacol* 1993;8(3):197-202.
2. Bennie EH, Mullin JM, Martindale JJ. Leverndale Hospital, Glasgow, UK. A double-blind multicenter trial comparing sertraline and fluoxetine in outpatients with major depression. *Journal of Clinical Psychiatry* 1995; 56 (6): 229-37.
3. Beshay H, Pumarega AJ, James H. Quillen College of Medicine, East Tennessee State University, Quillen/Mountain Home Veterans Administration Medical Center, Johnson City 37684, USA. Sertraline treatment of mood disorder associated with prednisone: a case report. *J Child Adoles Psychopharmacol*

- 1998;8(3):187-93.
4. Biri H, Isen K, Sinik Z. Department of Urology, Medical School of Gazi University, Ankara, Turkey. Sertraline in the treatment of premature ejaculation: a double-blind placebo-controlled study. *Intern Urol Nephrol* 1998;30(5): 611-5.
5. Brady KI, Sonne SC, Roberts JM. Department of Psychiatry and Behavioral Sciences, Medical University of South Carolina, Charleston 29426, USA. Sertraline treatment of comorbid posttraumatic stress disorder and alcohol dependence. *J Clin Psychiatry* 1995;56 (11): 502-5.
6. Chouinard G. Department of Psychiatry, University of Montreal, Hospital Louis H. Lafontaine, Quebec, Canada. Sertraline in the treatment of obsessive-compulsive disorder: two double-blind, placebo-controlled studies. [Review] [40 refs]. *Inter Clin Psychopharmacol* 1992;7 Suppl. 2: 37-41.
7. Croft H, Settle E Jr, Houser T. Charleston Area Medical Center, West Virginia, USA. A placebo-controlled comparison of the antidepressant efficacy and effects on sexual functioning of sustained-release bupropione and sertraline. *Clin Therapeutics* 1999; 21(4):643-58.
8. Davis SM, Harrison WM, Keller MB. Rhode Island Hospital and Brown University, Providence 02903, USA. The treatment of chronic depression, part 3: psychosocial functioning before and after treatment with sertraline or imipramine. *J Clin Psychiatry* 1998;59(11):608-19.
9. Ekselius L, Von Knorring L. Department of Neuroscience, Psychiatry, University Hospital, Uppsala, Sweden. Personality disorder comorbidity with major depression and response to treatment with sertraline or citalopram.
10. Finkel SL, Richter EM, Clary CM. Northwestern University Medical School, Department of Psychiatry and Behavioral Sciences, Chicago, IL 60611-3317, USA. Comparative efficiency and safety of sertraline versus nortriptyline in major depression in patients 70 and older. *International Psychogeriatrics* 1999;11 (1): 85-99.
11. Griest J, Chouinard B, DuBoff B. Dean Foundation for Health, Research, and Education, Madison, Wis., USA. Double-blind parallel comparison of three dosages of sertraline and placebo in outpatients with obsessive-compulsive disorder. *Arch Gen Psychiatry* 1995; 52 (4):289-96.
12. Greist JH, Jefferson JW, Kobak KA. Dean Foundation for Health, Research and Education, Madison, WJ 53/17, USA. A 1 year double-blind placebo-controlled fixed dose study of sertraline in the treatment of obsessive-compulsive disorder. *Inter Clin Psychopharmacol* 1995;10 (2):57-65.
13. Grignaschi G, Samanin R. Instituto di Ricerche Farmacologiche Mario Negri, Milan, Italy. Role of serotonin receptors in the effects of sertraline on feeding behaviour. *Psychopharmacology* 1993; 110 (1-2): 203-8.
14. Hirschfeld RM, Russell JM, Delgado PL. Department of Psychiatry and Behavioral Sciences, University of Texas Medical Branch at Galveston 77555-0429, USA. Predictors of response to acute treatment of chronic and double depression with sertraline or imipramine. *J Clin Psychiatry* 1998;59(12):669-75.
15. Jermain DM, Preece CK, Syles RL. Department of Pharmacy, Scott and White Memorial Hospital, Temple, Tex., USA. Luteal phase sertraline treatment for premenstrual dysphoric disorder. Results of a double-blind, placebo-controlled, cross-over study. *Arch Fam Med* 1999;8(4):328-32.
16. Kant R., Smith-Seemiller L, Zeiler D, Head Injury Clinic, St. Francis Medical Center, Pittsburgh, PA 15524, USA. Treatment of aggression and irritability after head injury. *Brain Injury* 1998; 12(8):661-6.
17. Katelnick DJ, Kobak KA, Greist JH. Foundation for Health, Research and Education, Madison, WJ 53/17, USA. Sertraline for social phobia: a double-blind, placebo-controlled cross-over study. *Am J Psychiatry* 1995;152(9):1368-71.
18. Kavoussi RJ, Coccaro EF. Department of Psychiatry, Medical College of Pennsylvania, Eastern Pennsylvania Psychiatric Institute, Philadelphia 19129. An open trial of sertraline in personality disorder in patients with impulsive aggression. *J Clin Psychiatry* 1994;55(4):137-41.
19. Keller MB, Gelenberg AJ, Hirschfeld RM. Department of Psychiatry and Human Behavior, Butler Hospital, Brown University, Providence, RI 02912, USA. The treatment of chronic depression, part 2: a double-blind, randomized trial of sertraline and imipramine. *J Clin Psychiatry* 1998;59(11):598-607.
20. Keller MB, Harrision W, Fawcett JA. Butler Hospital, Brown University, Providence, RI 02912, USA. Treatment of chronic depression with sertraline or imipramine: preliminary blinded response rates and high rates of undertreatment in the community. *Psychopharmacol Bull* 1995; 31(2):205-12.
21. Keller MB, Kocsis JH, Thase M. Department of Psychiatry, Butler Hospital, Brown University, Providence, RI 02906, USA. Maintenance phase efficacy of sertraline for chronic depression: a randomized controlled trial. *JAMA* 1998;280 (19): 1665-72.
22. Kirli S, Caliskan M. Department of Psychiatry, Uludag University Medical Faculty, Bursa, Turkey. A comparative study of sertraline versus imipramine in postpsychotic depressive disorder of schizophrenia. *Schizophrenia Res* 1998;33:1-2.
23. Kroning MH, Apter J, Asnis G. Department of Psychiatry, Millside Hospital of LIJMC, Glen Oaks, New York, USA. Placebo-controlled, multicenter study of sertraline treatment for obsessive-compulsive disorder. *J Clin Psychopharmacol* 1999;19 (2):172-6.
24. Lambert MT, Trutia C, Petty F. Extrapyramidal adverse effects associated with sertraline. *Progress in Neuro-Psychopharmacol Biol Psychiatry* 1998;22 (5): 741-8.
25. Lauterbach EC. Department of Psychiatry and Behavioral Sciences, Mercer University School of Medicine, Macon, Georgia, USA. Catatonia - like events after valproic acid with risperidone and sertraline. *Neuropsychiatry, Neuropsychology Behavioral Neurology* 1998;11(3):157-63.
26. Levin ID, Briggs SJ, Christopher NC. Department of Psychiatry, Duke University, Durham, NC 27710. Sertraline attenuates hyperphagia in rats following nicotine withdrawal. *Pharmacology, Biochemistry and Behavior* 1993;44 (1): 51-61.
27. Londeborg PD, Wokow R, Smith WT. Summit Research Network, Seattle, Washington 98104, USA. Sertraline in the treatment of panic disorder. A multi-site, double-blind, placebo-controlled, fixed-dose investigation. *Br J Psychiatry* 1998;173:54-60.
28. Luketsos GG, Taragano F, Freisman GJ. Neuropsychiatry and Memory Group, John Hopkins University, Baltimore, MD, USA. Major depression and its response to sertraline in primary care vs. Psychiatric office practice patients, results of an open-label trial in Argentina.
29. McMahon DG. St. Luke's Hospital Complex, Sydney, Austria. Treatment of premature ejaculation with sertraline hydrochloride. *J Impotence Res* 1998;10(3):181-4, discussion 185.
30. Moller HJ, Gallinat J, Hegerl U. Psychiatric Hospital, Ludwig Maximilians University, Munich, Germany. Double-blind, multicenter comparative study of sertraline and amitriptyline in hospitalized patients with major depression. *Pharmacopsychiatry* 1998;31(6):170-7.
31. Murdoch D, McTavish D. Adis International Limited, Auckland, New Zeland. Sertraline. A review of its pharmacodynamic and pharmacokinetic properties, and therapeutic potential in depression and obsessive compulsive disorder. [Review][72 refs]. *Drugs* 1992;44 (4): 604-24.
32. Oinan TG. Department of Psychological Medicine, St.

- Bartholomew's Hospital, London, United Kingdom. Lithium augmentation in sertraline - resistant depression: a preliminary dose - response study. *Psychiatrica Scandinavica* 1993; 88(4):300-1.
33. Pollack MH, Otto MW, Worthington JJ. Anxiety Disorders Program, Department of Psychiatry, Massachusetts General Hospital, Boston 02114-3117, USA. Sertraline in the treatment of panic disorder: a flexible-dose multicenter trial. *Arch Gen Psychiatry* 1998;55 (11): 1010-6.
 34. Preskorn SH, Lane RM. Department of Psychiatry and Behavioral Sciences, University of Kansas School of Medicine, Wichita 67214, USA. Sertraline 50 mg daily: the optimal dose in the treatment of depression. [Review] [55 refs]. *Inter Clin Psychopharmacol* 1996;10 (3):129-41.
 35. Roy A. Psychiatry Service, Department of Veterans Affairs Medical Center, East Orange, NJ 07019, USA. Placebo - controlled study of sertraline in depressed recently abstinent alcoholics. *Biological Psychiatry* 1998;44 (7): 633-6.
 36. Rush AJ, Koran LM, Keller MB. Department of Psychiatry, University of Texas Southwestern Medical Center, Dallas 75235-9086, USA. The treatment of chronic depression, part 1: Study design and rationale for evaluating the comparative efficacy of sertraline and imipramine as acute, crossover, continuation and maintenance phase therapies. *J Clin Psychiatry* 1998;59(11): 589-97.
 37. Shapiro PA, Lesperance F, Frasure-Smith N. Department of Psychiatry, Columbia University College of Physicians and Surgeons, New York, NY 10032, USA. An open-label preliminary trial of sertraline for treatment of major depression after acute myocardial infarction.
 38. Turner R. Pfizer Central Research, Groton, CT. Quality of life: experience with sertraline. *Anxiety* 1994-95;1(4):196-8.
 39. Turner R. USC-LAC Medical Center 90033, USA. Sertraline in social phobia. Sertralina w fobii społecznej. *Anxiety*. 1(4): 196-8, 1994-95.
 40. Wadden TA, Bartlett SJ, Foster GD. Dept. of Psychiatry, University of Pennsylvania School of Medicine, Philadelphia 19104, USA. Sertraline and relapse prevention training following treatment by very-low-calorie diet: a controlled clinical trial. *Obesity Res* 1995;3 (6):549-57.