Mental disorders and request for psychiatric intervention in an Italian local jail


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A B S T R A C T

The issue of the prevalence of psychiatric illnesses in Italian prison samples has not received the same attention paid at an international level. The aims of the present study were to evaluate the prevalence of psychiatric disorders diagnosed according to DSM-III-R criteria among an Italian prisoner population, and to examine prisoners’ requests for psychiatric intervention in relationship to the presence or absence of different psychiatric disorders. One hundred forty-two Italian male subjects from the Casa Circondariale of Messina, Italy, were evaluated using the Structured Clinical Interview for DSM-III-R Non-Patient Version — SCID I and SCID II. A very high rate of disorders was found among inmates: 85.2% (n=121) of the sample were affected by a psychiatric disorder. Of the total sample, 51.4% (n=73) had requested psychiatric treatment during detention. The detection, diagnosis and treatment of the mentally ill prisoners is a primary goal for a better organization of services and prison settings; screening procedures for evaluating the presence of psychiatric disorders, with the aim to promote differential strategies for the care and rehabilitation of inmates, are needed.

1. Introduction

Mental health in prison populations is an international problem of increasing proportions, as shown by many studies designed to determine the rate of psychiatric disorders in a prison environment.

While earlier researches and reviews on this issue have generally concluded that major psychiatric disorders, and especially psychoses, were no more frequent in prison samples than in the general populations, (Guze, 1976; Coid, 1984), more recent studies since 1990 have reported clearly higher prevalence rates in prison populations mainly for substance abuse, psychotic disorders and mood disorders on Axis I and for antisocial personality disorder on Axis II of the DSM IV (Coté & Hodgins, 1990; Herman, McGorry, Mills, & Singh, 1991; Koenig, Johnson, Bellard, Denker, & Frenlon, 1995; Brooke, Taylor, Gunn, & Maden, 1996; Jordan, Schlenger, Fairbank, & Caddell, 1996; Taylor, Leese, Williams, Butwell, Daly, & Larkin, 1998; Baillargeon, Black, Pulvino, & Dunn, 2000; Gun, 2000; Hartvig & Ostberg, 2004). This discrepancy in the results may be due to a number of factors such as different inclusion criteria, selection bias, heterogeneous diagnostic procedures, lack of operational diagnostic criteria and insufficient sample sizes (Teplin, Abram, & McClelland, 1996; Andersen, 2004). A recent review of 62 surveys conducted in 12 western countries on a total sample of 22,790 prisoners reported that 3.7% male prisoners were diagnosed with psychiatric illnesses, 10% with major depression and 65% with personality disorders, while overall 4% female prisoners were diagnosed with psychotic disorders, 12% with major depression and 42% with personality disorders (Fazel & Danesh, 2002). In Italy, the issue of the prevalence of psychiatric illnesses in prison samples has not

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received the same attention paid at an international level; at the moment, only one cross-sectional study of consecutive male prisoners (224 subjects, corresponding to 22.6% of a total sample of prisoners) referred for a clinical psychiatric assessment among population (*n*=990) of the Casa Circondariale of Pavia, has been conducted. The Authors reported an overall prevalence of 19.3% for one or more mental disorders (substance related disorders were excluded) and the prevalence rates among inmates were 1.3% for psychoses, 5.4% for mood disorders, 2.4% for anxiety disorders, 2.6% for adjustment disorders, 4.1% for personality disorders, 3.2% for personality disorders comorbid with mood disorders, while 0.3% of the prisoner sample had mental retardation (Carrà, Giacobone, Pozzi, Allecci, & Barale, 2004).

To the best of our knowledge, epidemiologic screenings on general prison populations do not exist at the present moment in Italian prisons, as the previously cited study has been conducted on a selected sample of prisoners referred to psychiatric services.

The aims of the present studies were:

1. to evaluate the prevalence of psychiatric disorders diagnosed according to DSM-III-R criteria among an Italian prisoner population;
2. to examine prisoners' requests for psychiatric intervention in relationship to the presence or absence of different psychiatric disorders.

2. Method

The study was conducted in the period January 2003–June 2004 on the whole population of the Casa Circondariale of Messina. The total sample consisted of 142 Italian male subjects, mean age=35.8 years (range: 20–76 years; SD=10.01). All the subjects had been sentenced. Clinical evaluation consisted of the administration of the Structured Clinical Interview for DSM III R Non-Patient Version — SCID I and SCID II by a trained psychiatrist. As five subjects did not speak sufficient Italian, in those cases the assessment was conducted with the help of an interpreter. All the subjects provided written informed consent to participate in the study and completed the assessment.

The SCID-I/NP (Fava, Guaraldi, Mazzi, & Rigatelli, 1993a) assesses selected Axis I psychiatric disorders based on DSM-III-R criteria. Past (lifetime) as well as current presence of individual DSM-III-R disorders can be assessed. In the present study, all the modules were administered with the aim of obtaining a full screening of Axis I psychiatric disorders. Regarding Axis I disorders, six major diagnostic categories were identified: 1) Psychotic Disorders (Schizophrenia and Brief Psychotic Disorders), 2) Mood Disorders (Depressive Disorders, Dysthymic Disorder, Bipolar Disorder), 3) Anxiety Disorders (Generalized Anxiety Disorder, Panic Disorder, Adjustment Disorders, Specific and Social Phobias), 4) Somatoform Disorders, 5) Substance Abuse, and 6) Impulse-Control Disorders.

The Structured Interview for Personality Disorders — SCID II (Fava et al., 1993b) is a semi-structured diagnostic interview for assessing the 11 DSM-III-R Axis II personality disorders plus the Appendix category self-defeating personality disorder. Personality disorder symptoms were rated as either present, subthreshold, or not present on the SCID II. Subthreshold diagnoses were assigned if subjects met one criterion less than required for a full diagnosis of a personality disorder; only the criteria that were definitely present (i.e., scored 2) were counted. All interviews and ratings were conducted by a study investigator with extensive training in SCID administration and scoring.

The data regarding requests for psychiatric intervention were obtained from the medical histories of the sample and from the registers of clinical activity of the psychiatrists working at the prison.

3. Results

3.1. Sample features

At the time of the study, 9.8% (*n*=14) of the subjects had served less than one year, 33.8% (*n*=48) had served a period between one and five years, 26.8% (*n*=38) between six and ten years, 29.6% (*n*=42) had served for more than ten years. Regarding the level of education, 8.5% of the sample were illiterate, 32.4% had grade 6, 52.1% had less than grade 10, 6.3% had some post-secondary education and only one subject (0.7%) was a graduate.

3.2. Psychiatric disorders

A very high rate of disorders was found among inmates; at the time of the assessment, 85.2% (*n*=121) of the sample (*n*=142) were affected by a psychiatric disorder; 14 subjects (11.6%) had only an Axis I disorder, 25 subjects (20.6%) had an Axis II disorder only, while 68 (56.2%) suffered from comorbid Axis I and Axis II disorders and 14 (11.6%) suffered from Axis II subthreshold symptomatology.

These high prevalence rates among inmates were found for the following disorders: first, substance abuse which was the most frequent disorder (*n*=56; 46.3%), anxiety disorders (*n*=38; 31.4%), impulse control disorders (*n*=22; 18.2%), and affective disorders (*n*=20; 16.5%); less prevalent were psychotic (*n*=5; 4.1%) and somatoform disorders (*n*=5; 4.1%).

Regarding Axis II disorders, 60.3% (*n*=73) an antisocial personality disorder was found, 19.5% borderline (*n*=23), 9.9% narcissistic (*n*=12), 6.6% histrionic (*n*=8), 6.6% paranoid (*n*=8), and 5.8% obsessive compulsive (*n*=7), dependent (*n*=5; 4.1%), avoidant and schizotypic (*n*=4; 3.3%), and schizoid personality disorders (*n*=1; 0.8%).
References

