

symptoms is presented, as a potentially more pragmatically useful and theoretically more consistent framework for classification of schizophrenic symptomatology.

#### S46-2

##### QUALITY OF LIFE: SYMPTOMS - SIDE EFFECTS - SOCIAL PERFORMANCE - MOOD

P. Bech. *Psychiatric Research Unit, Frederiksborg General Hospital, DK-3400 Hillerød, Denmark*

Quality of life is often measured in terms of social disability or social adjustment. In contrast to stress, quality of life is a measure of outcome rather than cause of illness. In chronic disorders like schizophrenia, the WHO Classification of impairments and disabilities is very useful. The disability is a measure of performance of social roles. Quality of life goes beyond the WHO concept of handicap when defining the consequences of chronic illness. It is the subjective dimension on the sequence underlying impairments and disabilities. In clinical trials with antipsychotics in schizophrenia, quality of life is considered as the outcome measure capturing the balance between efficacy and safety from the patient's point of view. Schizophrenia-specific quality of life scales have been developed, but also generic scales have been used. Among the generic scales the Psychological General Well-Being Scale has obtained an acceptable applicability in schizophrenia. This scale measures both positive and negative well-being.

(1) Bech P: Quality of life in the psychiatric patient. London: Mosby-Wolfe, 1998.

#### S46-3

##### ANTIPSYCHOTICS: WILL THE ATYPICALS IMPROVE THE PATIENTS' QUALITY OF LIFE?

Dieter Naber. *University of Hamburg, Hamburg, Germany*

The benefit of neuroleptic drugs in the treatment of schizophrenic patients is beyond doubt. However, most patients discontinue these drugs within a few months. This low compliance may be caused by a lack of insight into the disease and the necessity of therapy. Also of major importance are adverse effects, which are not restricted to motor symptoms but markedly affect drive and emotion. They are often too subtle to be detected by objective examination but are reported by patients, who complain of a reduced quality of life (QOL) with restrictions in emotionality, straight thinking, and spontaneity. This syndrome, similar to the negative symptoms of schizophrenia, has been named pharmacogenic depression or neuroleptic-induced deficit syndrome.

The patients' perspective in the treatment of schizophrenia has largely been neglected, perhaps because of the lack of agreement on a definition of QOL and its essential components or the lack of a specific model for QOL in schizophrenic patients under neuroleptic treatment. To date, there is no practical and therapy-sensitive scale to measure subjective QOL in schizophrenic patients. Another reason for the low scientific interest in QOL with neuroleptic treatment may be the misconception that schizophrenic patients are not able to evaluate their well-being or QOL.

However, numerous studies have demonstrated that between 63% and 95% of schizophrenic patients, most of whom were in remission, were able to self-rate their affective state or their QOL. The relationship between the subjected evaluation of QOL and expert-rated psychopathology is not strongly correlated. Most studies found significant correlations to only negative symptoms. The few studies in which the effect of atypical neuroleptic drugs on

QOL was investigated show that these drugs - namely clozapine, olanzapine, risperidone, and sertindole - are superior to typical neuroleptics.

Owing to the lack of relevant motor or affective side effects with atypical neuroleptics, compliance is relatively high, and patients are less often rehospitalized. Therefore, they are able to participate in long-term, psychosocial rehabilitative treatment, which finally leads to improvement of negative symptoms, subjective well-being, and QOL.

Moreover, numerous studies indicate that early and continuous neuroleptic treatment is of major importance for long-term prognosis. It might be possible that the broad use of effective, tolerable, and socially accepted atypical neuroleptics also results in a markedly better long-term prognosis.

#### S46-4

##### COMMUNITY PSYCHIATRY: THE CHALLENGE OF CO-ORDINATION AND FOCUS

Tom Burns. *St. George's Hospital Medical School, London, SW17 0RE, UK*

The management of long-term and disabling disorders such as schizophrenia in the community present major challenges for European teams. The general principle of sectorisation has the advantage of ensuring a prompt and usually multiprofessional response. It has inherent problems, however, in co-ordination (in particular between health and social care) and maintaining a focus on prioritising the needs of severely mentally ill individuals.

In the US case-management has been developed for co-ordination of care and published studies are encouraging. In Europe case-management studies have yielded mixed results. Maintaining a clinically appropriate focus has not been so widely written about or researched.

The Care Programme Approach in the UK has been an attempt to control both co-ordination and focus through central legislation. Current evidence suggests that such hybrid legislation achieves neither of its goals very well. Failing to recognise the vast range of levels of disability and needs in schizophrenia is the clearest example. It is proposed that the two are best separated so that the essentially more clinical nature of prioritisation can be recognised without down-playing the importance of management structures in co-ordination

#### S46-5

##### THE ASSESSMENT OF THE QUALITY OF CARE USING SOME PHARMACOECONOMIC PARAMETERS

A.C. Altamura<sup>1</sup>\*, M. Percudani<sup>2</sup>. <sup>1</sup>*Istituto Scienze Biomediche, Università di Milano, Ospedale "L. Sacco"*; <sup>2</sup>*Dipartimento di Psichiatria, Ospedale "G. Fornaroli", Magenta (Mi), Italy*

Schizophrenia is the most serious illness that psychiatrists treat. It is an expensive illness, costly in both social and financial terms. It begins early in life, produces maximal morbidity and lacks a comprehensive efficacious treatment. Most patients with schizophrenia experience a profound decrement in quality of life in all areas of functioning. The reduced quality of life is due to the manifestations of schizophrenia itself as well as to the side effects of classical antidopaminergic neuroleptic therapy. Major cost items are inpatient care as well as other types of residential and day care. The cost of pharmacological treatment contributes only a small percentage of the total costs of treating schizophrenia (1-5% of the total costs of care). In addition to direct treatment costs, 70-80% of patients are likely to be unemployed, resulting in costs of