

# Brief ICF Core Set for Schizophrenia: Development of Criteria for Assessing the Degree of Disability

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## Keywords

Schizophrenia · International Classification of Functioning · Disability and Health · Delphi technique

## Abstract

**Introduction:** A paradigm shift in the assessment and rehabilitation of people with schizophrenia is needed, with an integrative perspective rather than a simple focus on the underlying symptomatology. To this end, it is essential to adopt integrated and continuous care focused on the person in his/her context. As a contribution, the Brief International Classification of Functioning, Disability and Health (ICF) Core Set for schizophrenia has been developed by international experts. The present study aims to develop a scale to classify the degree of disability for each of the categories of the Brief ICF Core Set for schizophrenia. **Methods:** The classification criteria were first developed by the researchers and then submitted for assessment by national experts in the area of schizophrenia, using the modified e-Delphi method. **Results:** Two rounds of questions were asked, and a consensus was reached on the development of the Schizophrenia Functioning Core Set, consisting of all categories of the Brief ICF Core Set for schizophrenia and the criteria for classifying the degree of disability. The degree of agreement of the experts was greater than 90% in all categories. **Conclusion:** The con-

struction of the disability grading criteria was based on the characteristics of schizophrenia as defined in DSM-V, as well as on some functional assessment scales specifically for this disorder. The development of the Schizophrenia Functioning Core Set allows for reducing the subjectivity in the assessment of the functioning of people with schizophrenia, standardizing the application of criteria to assign the degree of disability in each of the categories.

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**Brief ICF Core Set para a esquizofrenia: desenvolvimento de critérios para avaliar o grau de incapacidade**

## Palavras Chave

Esquizofrenia · Classificação Internacional de Funcionalidade · Incapacidade e Saúde · Método Delphi

## Resumo

**Introdução:** É necessária uma mudança de paradigma na avaliação e reabilitação das pessoas com esquizofrenia, devendo optar-se por uma perspetiva integradora ao invés do simples olhar para a sintomatologia de base. Para

tal, é essencial a adoção de cuidados integrados e continuados centrados na pessoa inserida no seu contexto. Como contributo, foi desenvolvido o Brief ICF (*International Classification of Functioning, Disability and Health*) Core Set para a esquizofrenia por peritos internacionais. O presente estudo tem como objetivo desenvolver uma escala de classificação do grau de incapacidade para cada uma das categorias do Brief ICF Core Set para a esquizofrenia. **Métodos:** Numa primeira fase foram desenvolvidos os critérios de classificação pelos investigadores, sendo posteriormente submetidos a avaliação por peritos nacionais na área da esquizofrenia, recorrendo-se ao Método de e-Delphi Modificado. **Resultados:** Foram realizadas duas rondas de questões tendo-se chegado a um consenso no desenvolvimento do Schizophrenia Functioning Core Set, constituído por todas as categorias do Brief ICF Core Set para a esquizofrenia e pelos critérios de classificação do grau de incapacidade. O grau de concordância dos peritos foi superior a 90% em todas as categorias. **Conclusão:** A construção dos critérios de classificação do grau de incapacidade teve por base as características da esquizofrenia definidas no DSM V, bem como algumas escalas de avaliação da funcionalidade específicas para esta perturbação. O desenvolvimento do Schizophrenia Functioning Core Set permite diminuir a subjetividade na avaliação da funcionalidade das pessoas com esquizofrenia, uniformizando a aplicação de critérios para atribuir o grau de incapacidade em cada uma das categorias.

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## Introduction

Schizophrenia is a severe mental disorder, characterized by DSM-V as the presence of at least two of the following symptoms: (1) delusions, (2) hallucinations, (3) disorganized speech, (4) disorganized behaviour, and (5) negative symptoms, in which at least one of the symptoms is one of the first three. The level of functioning is markedly below the level previously achieved, in areas such as interpersonal relationships, work, or self-care, for a considerable period of time [1]. Cognitive and affective symptoms that worsen functional impairment are also common [2].

This condition is a leading cause of disability worldwide, and the global burden of disease is substantial, accounting in 2019 for 1.8% of total years lived with disability (YLD) [3]. The peak burden of disease is observed between the ages of 30 and 40 years [4]. Early disease onset,

low remission rates, and high disability burden contribute to the high overall burden associated with schizophrenia [4].

A systematic review of the literature concluded that the high economic burden of schizophrenia suggests inadequate health services for these patients worldwide [5]. In Portugal, for example, psychosocial rehabilitation services are scarce and those that exist are inaccessible to most of the population. It is important to promote informed policy decisions that lead to the growing recognition that schizophrenia has a high global economic and epidemiological burden and that it is necessary to adopt strategies that reduce this burden [4, 5]. For the economic and epidemiological burden of the disorder to decrease, continued and integrated care by health services is necessary for the person and family. This follow-up includes preventing functional disability and promoting psychosocial rehabilitation and community integration. Since the lack of awareness of the disease and low adherence to therapy are recurring problems that lead to relapses [6, 7], interventions that promote awareness of the disease and adherence to therapy should be planned and implemented to prevent relapses. Family support is another essential factor for psychosocial rehabilitation, and psychoeducation should be given priority, not only for the patient [8], but also for the family [9]. Other interventions, such as metacognitive training [10, 11] to manage delusions and social skills training [12], among others [13], should be considered according to individual and family needs. In this way, psychosocial and occupational disability is prevented, reducing the overall burden of disorder and decreasing YLD.

Several international studies prove the severe impairment in functioning of people diagnosed with schizophrenia, especially regarding social and/or occupational functioning [10, 14–17]. Negative symptoms were pointed out in a systematic review of the literature as persistent predictors of worse functioning when compared to positive symptoms [18]. It is also known that each relapse further worsens the previous functional level [2]. Another systematic review of the literature found that functional impairment in schizophrenia is not only related to mental functions, but is also due to activity and participation domains [15], so it is important to assess factors related to these domains as well.

In addition to the above, limitations in psychosocial function are significant, and people with schizophrenia are more likely to be unemployed, homeless, live in poverty, have difficulties performing domestic chores and self-care, and are dependent on continuous support from

**Fig. 1.** Classification scale of the categories (example). xxx, domain number of the second level. Source: WHO [21].

xxx.0 NO impairment	(none, absent, scarce,...)	0-4%
xxx.1 MILD impairment	(light, small,...)	5-24%
xxx.2 MODERATE impairment	(average,...)	25-49%
xxx.3 SEVERE impairment	(larger, extreme,...)	50-95%
xxx.4 COMPLETE impairment	(total,...)	96-100%
	Unspecified	
	Not applicable	

family caregivers and mental health services [4]. As an aggravating factor, the greatest burden of schizophrenia is among 25- to 54-year-olds, an age when individuals are most likely to be economically productive, leading to significant socioeconomic deficits [4]. In Portugal, a recent study with a sample of 282 people with schizophrenia from the north to the south of the country, with a mean age of 46.15 years, showed a low rate of people with professional/academic occupations (9.2%), and only 14.2% were married or had a partner. As for cohabitation, 55.6% lived with their parents (37.2%) or in institutions (18.4%) [17].

Research in the area of schizophrenia and mental health services has been increasingly focusing on psychosocial rehabilitation, one of the goals of which is to improve functioning, making it essential to evaluate it as a way to identify health gains [19]. Recovery is multidimensional, and at least two areas should be considered: clinical remission and social functioning. The functional outcome should be a priority target for intervention in schizophrenia, and it is essential to assess treatment response, remission and functional recovery. Clinical and functional outcomes in schizophrenia can be achieved only through an integrated, multifaceted approach involving pharmacotherapy, psychosocial interventions and attention to environmental factors [20].

The World Health Organization developed the International Classification of Functioning, Disability and Health (ICF) to standardize the assessment of functioning and disability worldwide. The components that make up this assessment include body functions and structures; activities and participation; and contextual factors (environmental and personal). Disability is evaluated according to impairments, activity limitation or participation restriction [21].

The constructs that comprise the dimensions related to body functions and structures, activities and participation, and environmental factors are qualified according to Figure 1, classifying the problem in its extension or magnitude [21].

To evaluate the functioning of people with schizophrenia, a group of experts defined a Core Set composed of the constructs that best fit the pathological and functional characteristics of this disorder, which was later reduced to be more easily and quickly applied in clinical practice. Thus, the Brief ICF Core Set for schizophrenia was created, consisting of 25 categories, to provide an international standard for assessing the functioning of people diagnosed with schizophrenia [22].

However, neither the ICF nor the ICF Brief Core Set for schizophrenia clearly defines criteria for assessing the degree of disability of the person in each of the categories. For this reason and to have greater precision and standardization in the evaluation of the functioning of the person with schizophrenia, this study aimed to develop a classification scale of the degree of disability for each of the categories of the Brief ICF Core Set for schizophrenia (named Schizophrenia Functioning Core Set).

## Materials and Methods

### Design

To meet the aim of the study, the authors initially developed the criteria for assessing the degree of functional disability for each of the categories of the Brief ICF Core Set for schizophrenia. Subsequently, we used the modified e-Delphi method, applying an online structured questionnaire to a group of experts in the field of schizophrenia to assess the degree of agreement with each criterion. There are three reasons for using an e-Delphi, rather than a classic Delphi: (1) convenience for the e-Delphi administrator and research participants; (2) time and cost savings; and (3) ease of data management [23]. Modified Delphi should be used when basic information regarding the target question is available [24]. In this study, we used the previously developed Brief ICF Core Set for schizophrenia [22] and developed the evaluation criteria for each item.

### Development of Criteria for the Evaluation of the Degree of Functional Disability

In a first step, the categories of the Brief ICF Core Set for schizophrenia were analysed, and classification criteria for the different degrees of disability in each one were developed. The definition of the criteria was based not only on the specific characteristics of this

disorder described in DSM-V and the International Classification of Diseases (ICD-11), but also on the analysis of the items of the Personal and Social Performance Scale (PSP), the Quality of Life Scale (QLS) and the Psychotic Symptom Rating Scales (PSYRATS), specific international reference instruments for the assessment of the person with schizophrenia. The PSP was developed in 2000 to assess psychosocial functioning, with four domains: socially useful activities; personal and social relationships; self-care; and aggressive behaviours [25]. The QLS was developed in 1984 to evaluate functioning, taking into account the negative symptoms of the disorder, regardless of the presence or absence of psychotic symptoms. It has four dimensions: intrapsychic functions; interpersonal relations; occupational roles; and common objects [26]. It is the most used instrument in studies that evaluate the functioning of a person with schizophrenia [27]. The PSYRATS evaluates psychotic symptoms and has two domains: hallucinations and delusions [28]. In addition to the above, we based the evaluation of some of the items on the Elderly Nursing Core Set, developed by one of the authors of this study [29, 30], since they are also appropriate for people with schizophrenia.

After developing the rating criteria for each of the 25 categories of the Brief ICF Core Set for schizophrenia, we named the instrument the “Schizophrenia Functioning Core Set.”

#### *Modified e-Delphi Method*

The Schizophrenia Functioning Core Set was subjected to expert validation using the modified e-Delphi method. For this purpose, we conducted an online structured questionnaire that was sent by email to 44 experts in the field of schizophrenia, from different professional categories, in modified Delphi round 1. The period for answering the questions in the first round ran from September 22 to October 18, 2020.

The questionnaire sent to the experts aimed to assess the degree of agreement with the defined classification criteria, which was assessed using a 5-point Likert scale: totally agree (1); partly agree (2); neither agree nor disagree (3); partly disagree (4), and totally disagree (5). Each question asked for suggestions for improvement, if any, in free text. The following question was also asked: “Considering the use of the Schizophrenia Functioning Core Set as a clinical assessment instrument, do you think that the ICF Environmental Factors should be included in the final rating of the person’s functional assessment?” In this case, the response options were: “It is of clinical interest and they should be part of the final rating of the functional assessment of the person with schizophrenia”; “It is of clinical interest, but they should be assessed separately since they do not assess factors related exclusively to the person” or “It is of no clinical interest and they should be eliminated.”

After analysing the results of the first round, adjustments were made to the criteria for classifying the categories, according to the suggestions, and the second round was carried out. The questionnaire for the second round was sent on October 20, 2020, to the 30 experts who participated in the first round, with a 2-week deadline for response.

#### *Ethical Issues*

A positive opinion was obtained from the Ethics Committee for Scientific Research in the Areas of Human Health and Welfare of the University of Évora (reference number 20036).

## **Results**

### *Development of Criteria for the Evaluation of the Degree of Functional Disability*

In developing the evaluation criteria for the Schizophrenia Functioning Core Set, the definition of each of the categories found in the ICF was respected. In the body functions and activities components, the definition of the degree of severity is related to the frequency and degree of impairment in functioning for the domain being assessed. Table 1 shows the domains that should be assessed in each of the items and the instruments we used to construct the rating criteria.

### *Modified e-Delphi Method*

Thirty experts participated in the first round (participation rate of 68.2%), aged 27–62 years, with a mean age of 43.92 years (SD = 9.10). The academic qualifications of the experts were as follows: Bachelor’s degree ( $n = 7$ ), Master’s degree ( $n = 21$ ) and PhD ( $n = 2$ ). Regarding profession, the results were as follows: psychopedagogue ( $n = 1$ ), occupational therapists ( $n = 2$ ), psychiatrists ( $n = 3$ ), university professors ( $n = 4$ ) and mental health and psychiatric nurses ( $n = 20$ ).

Table 2 shows the results of the responses from the first round, showing that all constructs had a degree of agreement (“totally agree” and “partially agree”)  $\geq 90\%$ , except for the constructs “(7) Higher-level cognitive functions (b164)” and “(20) Health professionals (e355).”

The last question obtained the following answers:

1. It is of no clinical interest and they should be eliminated:  $n = 1$  (3.3%).
2. It is of clinical interest, but they should be assessed separately since they do not assess factors related exclusively to the person:  $n = 11$  (36.7%).
3. It is of clinical interest and they should be part of the final rating of the functional assessment of the person with schizophrenia:  $n = 18$  (60%).

The questions with a degree of agreement lower than 90%, as well as this last question, were submitted to the second round, with the participation of 20 experts. The results are shown in Table 3.

Regarding the question about environmental factors, 70% of the experts considered that it has clinical interest and should be part of the final rating of the functioning of the person with schizophrenia. The final instrument can be found in online supplementary Appendix 1 (see [www.karger.com/doi/10.1159/000524422](http://www.karger.com/doi/10.1159/000524422) for all online suppl. material).

**Table 1.** Basis of the development of the assessment criteria of the Schizophrenia Functioning Core Set

	Domain	Based on
<i>Body functions</i>		
1. Global psychosocial functions (b122)	Affective blunting, empathy, and initiative	DSM-V criteria [1] QLS [26] – items empathy and social initiative
2. Energy and drive functions (G) (b130)	Energy level, anhedonia, motivation, and impulse control	QLS [26] – items motivation and anhedonia
3. Attention functions (b140)	Sustaining attention, shifting attention, and dividing attention	Elderly Nursing Core Set [29]
4. Emotional functions (b152)	Appropriateness of emotion, regulation of emotion and range of emotion	Elderly Nursing Core Set [29]
5. Perceptual functions (b156)	Hallucinations (frequency and impairment in functioning)	DSM-V criteria [1] PSYRATS [28]
6. Thought functions (b160)	Form, content (delusions), and course of thought	DSM-V criteria [1] PSYRATS [28] – especially the item “disruption to life caused by beliefs”
7. Higher-level cognitive functions (b164)	Decision-making, abstract thinking, mental flexibility	Elderly Nursing Core Set [29]
8. Experience of self and time functions (b180)	Depersonalization or de-realization Body image (somatization or the presence of nihilism)	DSM-V criteria [1]
<i>Activities and participation</i>		
9. Acquiring skills (d155)	Basic skills like eating and drawing Complex skills like playing games with rules (cards or checkers) or cooking	ICF only
10. Solving problems (d175)	Analysing issues, developing options, evaluating the potential effects of the solutions, and selecting possible solutions	Final report Violence, Abuse, Neglect, and Health Condition of the Elderly [31] – story that intends to understand if the person can find solutions to the problem identified in the story
11. Carrying out daily routine (d230)	Simple or complex and coordinated actions to manage day-to-day	Elderly Nursing Core Set [29]
12. Handling stress and other psychological demands (d240)	Ability to cope with stress, cope with responsibilities, such as carrying out the daily tasks for which they are responsible, and cope with a crisis	ICF only
13. Looking after one’s health (d570)	Physical comfort, diet and physical exercise Ability to maintain one’s own health	ICF only
14. Basic interpersonal interactions (d710)	Ability to show respect, affection, appreciation and tolerance in relationships; to react to criticism and social insinuations in relationships; and to use appropriate physical contact in relationships	QLS [26] PSP [25]
15. Complex interpersonal interactions (d720)	Ability to initiate and terminate relationships; control behaviours in interactions, such as controlling emotions and impulses, verbal and physical aggression; interact according to social rules and maintain social space appropriately	QLS [26] PSP [25]
16. Family relationships (d760)	Intensity and quantity of the relationship with the family members	QLS [26] – item relationships with household members
17. Acquiring, keeping and terminating a job (d845)	Ability to acquire or keep a job or occupation	QLS [26] – item level of accomplishment
18. Community life (d910)	Amount of community activities the user can participate in	PSP [25]

**Table 1** (continued)

	Domain	Based on
<i>Environmental factors</i>		
19. Immediate family (e310)	Emotional, communicational and instrumental support of the immediate family. Thus, support regarding family communication, such as empathy and understanding, and emotional support should be considered, in addition to instrumental support.	ICF only
20. Health professionals (e355)	Access and support that the person receives from healthcare professionals, including all those working in the healthcare system (doctors, nurses, occupational therapists, psychologists, among others)	ICF only
21. Individual attitudes of immediate family members (e410)	Stigma and difficulty of family members to understand schizophrenia and the person's behaviour	ICF only
22. Individual attitudes of health professionals (e450)	Stigma and the attitudes of health professionals in mental health and psychiatry, or general practitioners	ICF only
23. Societal attitudes (e460)	Stigma and the attitudes of the patient's social groups (friends or other groups the person attends or attended before diagnostics, as well as colleagues in the institution or psychosocial rehabilitation group, when applicable)	ICF only
24. Social security services, systems and policies (e570)	Economic support from social security (sufficient to meet the person's needs, such as food expenses, healthcare, education ...)	ICF only
25. Health services, systems and policies (e580)	Health-related services, such as primary healthcare, psychiatric emergency services, mental health continuous care, psychosocial rehabilitation services, mental health community support services ... The existence of laws, regulations, and standards governing the mental health field	ICF only

## Discussion

The Brief ICF Core Set for schizophrenia can be considered as a minimum standard to describe the functioning of the person with schizophrenia in any setting [22]. Its utility is multifaceted, and it can be applied in clinical practice, for example, to support intervention planning or to define the goals of rehabilitation and patient care. It can also support health reporting and be used in research [22].

The definition of the categories for the Brief ICF Core Set for schizophrenia has produced a health tool that can contribute to a paradigm shift away from concentration on signs and symptoms to a more integrative perspective, considering not only the biomedical aspects of recovery but also the impact on activities and participation and factors related to the person's environment [22].

With the definition of criteria for the assessment of the degree of disability in each of the categories per-

formed in this study, we made its evaluation more rigorous, reducing the probability of a subjective evaluation that could be interpreted in different ways by different professionals.

The inclusion of environmental factors in the final rating of the functioning of the person with schizophrenia was the question that generated the most diversity of opinions, although the majority agreed that they should be included. Indeed, social and cultural contexts are still considered important forces that shape the experience of schizophrenia [32]. Models of care for the person with schizophrenia should include improving the quality of family support, given the family's influence on outcomes and their typical role as caregivers [32]. Family psychoeducation is one of the interventions that can improve the quality of that support, allowing the family to have a deeper perception of schizophrenia [9]. As far as other environmental factors are concerned, studies have shown that the higher the perception of social support or satisfaction

**Table 2.** Analysis of the experts' answers to the first round of questions about the Schizophrenia Functioning Core Set

	Totally agree	Partly agree	Neither agree nor disagree	Partly disagree	Totally disagree	Agreement
<i>Body functions</i>						
1. Global psychosocial functions (b122)	23 (76.7%)	5 (16.7%)	1 (3.3%)	1 (3.3%)	0	93.3%
2. Energy and drive functions (G) (b130)	18 (60%)	10 (33.3%)	1 (3.3%)	1 (3.3%)	0	93.3%
3. Attention functions (b140)	20 (66.7%)	7 (23.3%)	0	3 (10%)	0	90.0%
4. Emotional functions (b152)	25 (83.3%)	4 (13.3%)	0	1 (3.3%)	0	96.7%
5. Perceptual functions (b156)	22 (73.3%)	8 (26.7%)	0	0	0	100%
6. Thought functions (b160)	26 (86.6%)	4 (13.3%)	0	0	0	100%
7. Higher-level cognitive functions (b164)	17 (56.6%)	8 (26.7%)	1 (3.3%)	4 (13.3%)	0	83.3%
8. Experience of self and time functions (b180)	21 (70%)	7 (23.3%)	1 (3.3%)	0	1 (3.3%)	93.3%
<i>Activities and participation</i>						
9. Acquiring skills (d155)	22 (73.3%)	6 (20%)	2 (6.7%)	0	0	93.3%
10. Solving problems (d175)	21 (70%)	6 (20%)	1 (3.3%)	2 (6.7%)	0	90.0%
11. Carrying out daily routine (d230)	24 (80%)	5 (16.7%)	0	1 (3.3%)	0	96.7%
12. Handling stress and other psychological demands (d240)	22 (73.3%)	7 (23.3%)	0	1 (3.3%)	0	96.7%
13. Looking after one's health (d570)	24 (80%)	6 (20%)	0	0	0	100%
14. Basic interpersonal interactions (d710)	20 (66.7%)	9 (30%)	0	1 (3.3%)	0	96.7%
15. Complex interpersonal interactions (d720)	23 (76.7%)	6 (20%)	1 (3.3%)	0	0	96.7%
16. Family relationships (d760)	20 (66.7%)	8 (26.7%)	1 (3.3%)	0	1 (3.3%)	93.3%
17. Acquiring, keeping and terminating a job (d845)	25 (83.3%)	5 (16.7%)	0	0	0	100%
18. Community life (d910)	23 (76.7%)	7 (23.3%)	0	0	0	100%
<i>Environmental factors</i>						
19. Immediate family (e310)	22 (73.3%)	6 (20%)	1 (3.3%)	1 (3.3%)	0	93.3%
20. Health professionals (e355)	19 (63.3%)	7 (23.3%)	2 (6.7%)	2 (6.7%)	0	86.7%
21. Individual attitudes of immediate family members (e410)	24 (80%)	3 (10%)	3 (10%)	0	0	90.0%
22. Individual attitudes of health professionals (e450)	24 (80%)	3 (10%)	3 (10%)	0	0	90.0%
23. Societal attitudes (e460)	24 (80%)	4 (13.3%)	1 (3.3%)	0	1 (3.3%)	93.3%
24. Social security services, systems and policies (e570)	22 (73.3%)	5 (16.7%)	2 (6.7%)	1 (3.3%)	0	90.0%
25. Health services, systems and policies (e580)	22 (73.3%)	6 (20%)	1 (3.3%)	1 (3.3%)	0	93.3%

**Table 3.** Analysis of the experts' answers in the second round

	Totally agree	Partly agree	Neither agree nor disagree	Partly disagree	Totally disagree	Agreement
<i>Body functions</i>						
7. Higher-level cognitive functions (b164)	18 (90%)	2 (10%)	0	0	0	100%
20. Health professionals (e355)	19 (95%)	1 (5%)	0	0	0	100%

with it, the better the effectivity and quality of life [33–36]. It should be noted that the categories that assess family, health professional and societal attitudes evaluate the stigmatization of the person. Studies indicate that higher levels of internalized stigmatization are associated with decreased help-seeking behaviour and lower adherence to pharmacological and psychosocial treatment [37–39], which may worsen functioning and limit rehabilitation.

Another study concluded that the greater the internalized stigma, the worse the functioning [40].

The limitations of this study are that all the experts who participated in the Delphi technique were Portuguese, and, therefore, the evaluation criteria are validated for application in Portugal. Nevertheless, they may be considered by other countries if they are suitable, since the Brief ICF Core Set for schizophrenia can be used in-

ternationally. It is necessary to adapt the environmental factors to each country.

## Conclusion

The development of the Schizophrenia Functioning Core Set reduces the subjectivity in the assessment of the functioning of people with schizophrenia, standardizing the application of criteria to assign the degree of disability in each of the categories.

Mental health policies must focus on the psychosocial rehabilitation of people with severe mental disorders, such as schizophrenia, allowing for a decrease in the overall epidemiological and economic burden of the disease, providing a better quality of life for patients and their families. To this end, a paradigm shift is essential in health systems, starting to adopt integrated and continuous care focused on the person in his/her context. The assessment of functioning as presented in the Schizophrenia Functioning Core Set contributes to facilitating the assessment of the different categories of the Brief ICF Core Set for schizophrenia.

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## Statement of Ethics

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## Conflict of Interest Statement

The authors have no conflicts of interest to declare.

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## Author Contributions

L. Pinho and M. Lopes: conception and design. L. Pinho: data collection, analysis and interpretation of data, writing of the manuscript. M. Lopes: critical revision of the manuscript, study supervision.

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