

Mini International Neuropsychiatric Interview 70

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RESEARCH ARTICLE

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The Mini-International Neuropsychiatric Interview is useful and well accepted as part of the clinical assessment for depression and anxiety in primary care: a mixed-methods study

Agneta Petterson^{1,2*}, Sonja Modin³, Rolf Wahlström⁴, Sandra af Winklerfelt Hammarberg³ and Ingvar Krakau⁵

Abstract

Background: Psychiatric complaints are common among primary care patients, with depression and anxiety being the most frequent. Diagnosis of anxiety and depression can be difficult, potentially leading to over- as well as under-diagnosis. The diagnostic process can be facilitated by incorporating structured interviews as part of the assessment. One such instrument, the Mini-International Neuropsychiatric Interview (MINI), has been established and accepted in psychiatric care. The purpose of this study was to explore the experiences and perceptions of the paper-and-pen version of MINI version 6.0 among patients and staff in primary care centers in Sweden.

Methods: The MINI was introduced at three primary care centers and was conducted by either therapists or general practitioners. Patients presented with symptoms that could suggest depression or anxiety disorders. The duration of the interview was recorded. The experiences and perceptions of 125 patients and their interviewers were collected using a structured questionnaire. Global satisfaction was measured with a visual-analog scale (0–100). Semi-structured interviews were conducted with 24 patients and three therapists, and focus groups were held with 17 general practitioners. Qualitative content analysis was used for the interviews and focus groups. The findings across the groups were triangulated with results from the questionnaires.

Results: The median global satisfaction with the MINI was 80 for patients and 86 for interviewers. General practitioners appreciated that the MINI identified comorbidities, as one-third of the patients had at least two psychiatric diagnoses. The MINI helped general practitioners attain a more accurate diagnosis. Patients appreciated that the MINI helped them recognize and verbalize their problems and did not find it intrusive. Patients and interviewers had mixed experiences with the yes-no format of the MINI, and the risk of subjective interpretations was acknowledged. Patients, general practitioners and therapists stated that the MINI contributed to appropriate treatment. The MINI assessment lasted 26 min on average (range 12 to 60 min).

Conclusions: The paper-and-pen version of the MINI could be useful in primary care as part of the clinical assessment of patients with problems suggestive of depression or anxiety disorders. The MINI was well accepted by patients, general practitioners and therapists.

Keywords: Depression, Anxiety, Differential diagnosis, Qualitative content analysis, MINI, Acceptability

* Correspondence: agneta.petterson@ki.se

¹Medical Management Centre, Department of Learning, Informatics, Management and Ethics, Karolinska Institutet, Tomtebodavägen 18 A, SE-171 77 Stockholm, Sweden

²Swedish Agency for Health Technology Assessment and Social Assessment, SE-102 33 Stockholm, Sweden

Full list of author information is available at the end of the article



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Mini International Neuropsychiatric Interview 70 (MINI 70) is a widely recognized structured diagnostic tool designed to assess and diagnose a range of psychiatric disorders. This interview is particularly significant in both clinical and research settings due to its efficiency, reliability, and validity. The MINI 70 is an updated version of the original MINI, which has been utilized since the late 1990s. The interview is designed to streamline the process of diagnosing mental health disorders, making it an invaluable resource for healthcare professionals.

Overview of the MINI 70

The MINI 70 is a concise, structured interview that helps clinicians evaluate a variety of psychiatric conditions based on the diagnostic criteria of the DSM-5 (Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition) and the ICD-10 (International Classification of Diseases, 10th Revision). It is a brief tool, generally taking between 15 to 30 minutes to administer, which makes it suitable for busy clinical environments.

Purpose and Benefits

The primary purpose of the MINI 70 is to provide a quick and reliable means of diagnosing psychiatric disorders. Some of the key benefits include:

1. **Efficiency:** The MINI 70 is designed to be completed in a short amount of time, which is crucial in settings where time is limited.
2. **Comprehensive Coverage:** It assesses a wide range of disorders, including mood disorders, anxiety disorders, substance use disorders, and psychotic disorders.
3. **Standardization:** The structured nature of the interview ensures that all clinicians follow the same protocol, which enhances the reliability of the diagnoses.
4. **Versatility:** The MINI 70 can be administered by a variety of healthcare professionals, including psychiatrists, psychologists, social workers, and general practitioners.
5. **Research Utility:** It is often used in clinical trials and epidemiological studies to gather consistent diagnostic data.

Structure of the MINI 70

The MINI 70 consists of a series of questions that are organized by disorder. Each section includes specific criteria that align with the DSM-5 and ICD-10 classifications. The interview can be tailored to the individual's presenting complaints, allowing the interviewer to focus on relevant areas.

Components of the Interview

1. **Demographic Information:** The interview begins with the collection of basic demographic data, including age, gender, and cultural background.
2. **Screening Questions:** The interviewer asks preliminary screening questions to identify potential areas of concern.
3. **Diagnostic Modules:** The MINI 70 includes various modules, each targeting specific disorders. Some of the key modules are:
 - Mood Disorders (Major Depressive Episode, Bipolar Disorder)

- Anxiety Disorders (Generalized Anxiety Disorder, Panic Disorder, Social Anxiety Disorder)
- Substance Use Disorders (Alcohol Use Disorder, Substance Use Disorders)
- Psychotic Disorders (Schizophrenia, Schizoaffective Disorder)
- Eating Disorders (Anorexia Nervosa, Bulimia Nervosa)
- PTSD (Post-Traumatic Stress Disorder)

Administration of the MINI 70

The MINI 70 can be administered in various settings, including outpatient clinics, inpatient facilities, and research environments. The interview can be conducted face-to-face, over the phone, or through telemedicine platforms, making it adaptable to the current healthcare landscape.

Training and Qualifications

While the MINI 70 is designed to be user-friendly, some level of training is recommended for those administering the interview. Understanding the nuances of psychiatric diagnoses and the specific terminology used in the MINI is crucial for accurate administration. This can include:

- Educational Background: Ideally, the administrator should have a background in psychology, psychiatry, or social work.
- Training Programs: Many institutions offer training sessions or workshops focused on the MINI 70.
- Supervision: New users might benefit from conducting interviews under the supervision of an experienced clinician.

Scoring and Interpretation

Once the interview is completed, the clinician scores the responses based on the established criteria for each disorder. The scoring process is straightforward, allowing the clinician to determine the presence or absence of specific disorders quickly. Interpretation of the results requires clinical judgment, considering the individual's overall context, history, and presentation.

Validation and Reliability

The MINI 70 has undergone extensive validation studies to assess its reliability and validity. Research has shown that it has a high degree of concordance with other diagnostic interviews, such as the Structured Clinical Interview for DSM Disorders (SCID). Some critical aspects of its reliability

include:

- Inter-rater Reliability: Studies indicate that different clinicians tend to reach similar conclusions when using the MINI 70.
- Test-retest Reliability: The MINI 70 has demonstrated stability in diagnoses over time, provided that the individual's condition has not changed.

Limitations

While the MINI 70 is an effective diagnostic tool, it is essential to be aware of its limitations:

1. Depth of Assessment: Due to its brevity, the MINI 70 may not explore all aspects of a patient's mental health comprehensively.
2. Cultural Considerations: The MINI 70 may not fully account for cultural differences in symptom expression or understanding of mental health.
3. Complex Cases: For patients with multiple or complex psychiatric conditions, a more detailed assessment may be necessary.

Applications in Clinical and Research Settings

The MINI 70 is utilized in various settings, each serving different purposes.

Clinical Applications

1. Diagnosis: The primary use of the MINI 70 is to aid clinicians in diagnosing psychiatric disorders.
2. Treatment Planning: Accurate diagnosis can inform treatment options, helping clinicians create tailored intervention strategies.
3. Monitoring Progress: The MINI 70 can be used as a baseline measure to monitor changes in a patient's condition over time.

Research Applications

1. Clinical Trials: The MINI 70 is often used to screen participants for eligibility in clinical research studies.
2. Epidemiological Studies: It provides standardized diagnostic data that can be used to assess the prevalence of mental health disorders in various populations.
3. Outcome Measurement: Researchers can use the MINI 70 to evaluate the effectiveness of new treatments by comparing pre- and post-treatment scores.

Conclusion

The Mini International Neuropsychiatric Interview 70 is a vital tool in the field of psychiatry, offering a structured, efficient, and reliable method for diagnosing a wide range of psychiatric disorders. Its versatility makes it suitable for both clinical and research applications, while its robustness ensures that it remains a relevant resource in the mental health community. Despite its limitations, the MINI 70 continues to evolve, adapting to the changing landscape of mental health care and research, and providing valuable insights into the complexities of psychiatric diagnoses.

Frequently Asked Questions

What is the Mini International Neuropsychiatric Interview 70 (MINI 70)?

The MINI 70 is a structured diagnostic interview used by clinicians to assess major psychiatric disorders and is designed to be both brief and efficient.

How does the MINI 70 differ from its predecessors?

MINI 70 incorporates updated diagnostic criteria, including changes from the DSM-5 and ICD-10, making it more relevant for contemporary clinical practice.

What are the primary disorders assessed by the MINI 70?

The MINI 70 assesses various disorders including mood disorders, anxiety disorders, psychotic disorders, and substance use disorders.

Who can administer the MINI 70?

The MINI 70 can be administered by trained health professionals, including psychiatrists, psychologists, and primary care physicians.

How long does it typically take to complete the MINI 70?

The MINI 70 is designed to be quick, typically taking about 15 to 30 minutes to complete, depending on the patient's responses.

Is the MINI 70 validated for use in diverse populations?

Yes, the MINI 70 has been validated in various cultural and clinical settings, making it applicable in diverse populations.

What is the significance of using a structured interview like the MINI 70?

Using a structured interview like the MINI 70 helps ensure consistency in diagnosis, reduces clinician bias, and improves the accuracy of psychiatric assessments.

Can the MINI 70 be used for research purposes?

Yes, the MINI 70 is widely used in research to gather standardized data on psychiatric disorders across different study samples.

Where can healthcare professionals access the MINI 70?

Healthcare professionals can access the MINI 70 through various medical and psychological resources, as well as academic publications discussing its use.

Find other PDF article:

<https://soc.up.edu.ph/01-text/files?dataid=vqR01-1054&title=100-days-of-school-worksheets-for-kindergarten.pdf>

[Mini International Neuropsychiatric Interview 70](#)

Port Elgin, Ontario - Wikipedia

The area that is now Port Elgin was first settled in 1849, by Lachlan McLean ("Loch Buie") who first built a shanty and later ran a tavern, serving settlers and sailors passing through the little port.

[Port Elgin, Ontario | Vacation Town in Bruce County, Southwest Ontario ...](#)

Port Elgin, Ontario | Best Vacation Town in Bruce County, Southwest Ontario. One of Ontario's most popular beach destinations - 12 beaches. Named of the

Port Elgin - Bruce County

Port Elgin is a vacation town on the Lake Huron coastline with great campgrounds, beach cottages and various other accommodations. Port Elgin has been a tourist destination within the Saugeen Shores area for cottagers and camping enthusiasts for many generations

Port Elgin - The Canadian Encyclopedia

Oct 31, 2012 · Port Elgin, Ontario, urban area, population 9,619 (2021 census), 8,297 (2016 census). Port Elgin is located on the shores of Lake Huron in Bruce County at the mouth of the Saugeen River, 48 km southwest of Owen Sound.

Port Elgin Map - Town - Bruce County, Ontario, Canada - Mapcarta

Southampton is a community on the shores of Lake Huron in Bruce County, Ontario, Canada. It is close to Port Elgin and is located at the mouth of the Saugeen River in the Saugeen Ojibway Nation

Territory.

Through the portal of time - Port Elgin - Saugeen Times

Nov 12, 2019 · Port Elgin has long been affected by war, along with every community across Canada. In 1866, a militia unit was formed by 160 local men who volunteered in response to fear of Fenian attacks in Southwestern Ontario (Goderich).

Port Elgin, Ontario - electriccanadian.com

Port Elgin is a community in Bruce County, Ontario, Canada. Its location is in the traditional territory of the Saugeen Ojibway Nation. Originally named Normanton the town was renamed Port Elgin when it was incorporated in 1874, after James Bruce, 8th Earl of Elgin, a former Governor General of the Province of Canada.

Profile table, Census Profile, 2021 Census of Population - Port Elgin ...

Statistics Canada's Census Profile presents information from the 2021 Census of Population - Port Elgin [Population centre], Ontario.

Port Elgin Toolkit - saugeenshores.ca

Port Elgin is located within the Town of Saugeen Shores on the beautiful shoreline of Lake Huron in Ontario, Canada. The Town includes Port Elgin, Southampton and Saugeen Township.

Bruce County - bruce.on.ca

Bruce County comprises 8 municipalities, including, Saugeen Shores (Port Elgin, Southampton); Kincardine; Brockton (Walkerton); South Bruce Peninsula (Wiarton); Arran-Elderslie; Huron-Kinloss (Lucknow); South Bruce and Northern Bruce Peninsula.

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Función QUERY Ejecuta una consulta sobre los datos con el lenguaje de consultas de la API de visualización de Google. Ejemplo de uso QUERY(A2:E6,"select avg(A) pivot B") ...

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QUERY function Runs a Google Visualization API Query Language query across data. Sample Usage QUERY(A2:E6,"select avg(A) pivot B") QUERY(A2:E6,F2,FALSE) Syntax QUERY(data, ...

QUERY - Справка - Редакторы Google Документов

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Discover how the Mini International Neuropsychiatric Interview 70 can enhance diagnostic accuracy in mental health assessments. Learn more about its features and applications!

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