

Quantitative needs assessment tools for people with mental health problems: A systematic scoping review

Studies in which a specific needs assessment tool was used according to the frequency of its use

Name of the tool	No. of studies	The Authors of the study
Camberwell Assessment of Need (CAN)	155	Hansson et al, 1995; Phelan et al, 1995; Slade et al, 1996; Slade et al, 1998; Leese et al, 1998; Middelboe et al, 1998; Bonsack et al, 1998; Wiersma et al, 1998; Becker et al, 1999; Bengtsson et al, 1999; Boardman et al, 1999; Issakidis et al, 1999; Slade et al, 1999; Ruggeri et al, 1999; Slade et al, 1999; Andresen et al, 2000; Becker et al, 2000; Gallagher et al, 2000; Lasalvia et al, 2000; Reynolds et al, 2000; McCrone, 2000; Nielsen et al, 2000; Wiersma et al, 2001; Arvidsson, 2001; Fahy et al, 2001; Hansson et al, 2001; Korkeila et al, 2001; McCrone et al, 2001; Middelboe et al, 2001; Ochoa et al, 2001; Becker et al, 2002; Varo, 2002; Thornicroft et al, 2002; Simons et al, 2002; Slade et al, 2002; Arvidsson, 2003; Ashaye et al, 2003; Hancock et al, 2003; Hansson, 2003; Macpherson et al, 2003; Macpherson et al, 2003; Wennstrom, 2004; Trauer et al, 2004; Freeman, 2004; Slade et al, 2004; Ruggeri et al, 2004; Arvidsson, 2005; Dolan et al, 2005; Gibbons et al, 2005; Slade et al, 2005; Lasalvia et al, 2005; Ochoa et al, 2005; Wiersma, 2006; Wennström et al, 2006; Cleary et al, 2006; Cleary et al, 2006; Fleury et al, 2006; Trauer et al, 2007; Griffiths et al, 2007; Joska et al, 2007; Lasalvia et al, 2007; Schlithler et al, 2007; Macpherson et al, 2007; van den Brink et al, 2007; Arvidsson, 2008; Wennstrom et al, 2008; Broadbent et al, 2008; Cummings et al, 2008; Thomas et al, 2008; Grinshpoon et al, 2008; Howard, 2008; Lasalvia et al, 2008; Pillay et al, 2008; Abdul-Hamid et al, 2009; Wiersma et al, 2009; Arvidsson, 2009; Arvidsson et al, 2009; Cummings et al, 2009; Fernandes et al, 2009; Sousa et al, 2009; Wennström et al, 2010; Fleury et al, 2010; Flisher et al, 2010; Houtjes et al, 2010; Romeva et al, 2010; McCann, 2010; van den Brink et al, 2010; Segal et al, 2010; Long et al, 2010; Van Vugt et al, 2011; Drukker et al, 2011; Gwaspari et al, 2011; Hegedüs et al, 2011; Long et al, 2011; Werner, 2012a; Bertani et al, 2012; Werner, 2012b; Bruce et al, 2012; Eklud et al, 2012; Futeran et al, 2012; Harty M et al, 2012; Lambri et al, 2012; Landolt et al, 2012a; Landolt et al, 2012b; Lasalvia et al, 2012; Scheewe et al, 2012; Drukker, 2012; Abou-Sinna et al, 2012; Bekas, 2013 Watt, 2013; Talina et al, 2013; Radigan et al, 2013; Ponizovsky et al, 2013; Meesters, 2013; Stein, 2014; Stefanatou et al, 2014; Kortrijk, 2014; Lasalvia et al, 2014; Stobbe et al, 2015; Hosakova, 2015; Jorquera et al, 2015; Long et al, 2015; Mak, 2015; Puschner et al, 2015; Bitter, 2016; Dautzenberg et al, 2016; Dobrzynska et al, 2016; Stein et al, 2016; Hensel et al, 2016; Stein, 2016; Oliveira-Maia et al, 2016; Arnold K et al, 2017; Ashoor et al, 2017; Hancock et al, 2017; Passos et al, 2017; Adams et al, 2018; Andrade et al, 2018; Cligent, 2018; Scanlan et al, 2018; Salehi et al, 2018; Uygur et al, 2019; Di Lorito et al, 2019; Isaacs et al, 2019; Isaacs et al, 2019; Ismayilova et al, 2019; Lenehan et al, 2019; Jansen et al, 2019; Vorstenboch et al, 2020; Vijverberg et al, 2020; Vijverberg et al, 2020; Frasch et al, 2020; Gomez Sanchez et al, 2021; Santos et al, 2021; Straalman et al, 2022; Oberndorfer et al, 2022

MRC Needs for Care Assessment Schedule (NFCAS)	31	Brewin et al, 1987; Compton et al, 1988; Brewin et al, 1988; Pryce et al, 1991; Lesage et al, 1991; Lesage et al, 1991; Holloway, 1991; Hogg et al, 1992; Veltro et al, 1992; Pryce et al, 1993; van Haastner et al, 1994; Wiersma et al, 1996; O'leary et al, 1996; Lesage et al, 1996; Bebbington et al, 1996; Bonsack et al, 1998; Stansfeld, 1998; Comtois et al, 1998; Wiersma et al, 1998; Salize et al, 1999; Lefebvre et al, 2000; Carpiello et al, 2000; Reid et al, 2001; Kallert et al, 2001; Ramana et al, 2003; Moreno et al, 2003; Leisse et al, 2003; Keogh et al, 2003; Kallert et al, 2004a; Kallert et al, 2004b; Kovess-mastefty et al, 2006
Cardinal Needs Schedule (CNS)	5	Marshall et al., 1995; Murray et al, 1996; Lockwood et al, 1999; Marshall et al, 2004; Boeing, 2007
Resident Assessment Instrument Mental Health (RAI-MH)	4	Hirdes et al, 2002; Martin et al, 2009; Urbanoski et al; 2012; Perlman et al, 2013
Community Placement Questionnaire (CPQ)	3	Cliford et al, 1991; Bouras et al, 1992; Kazarian et al, 1997
Perceived Need for Care Questionnaire	3	Meadows, 2000; Dezetter et al, 2015; Hyshka et al, 2016
Bangor Assessment of Need Profile (BAN-P)	2	Carter et al, 1996; Carter, 2003
Elderly Psychiatric Needs Schedule (EPNS)	2	Abdul et al, 2009; Abdul et al, 2015
Montreal Assessment of Needs Questionnaire (MANQ)	2	Fleury et al, 2012; Tremblay et al., 2014
Mental Health Needs Assessment Study (MHNAS)	2	Norman et al, 2018; McDonald et al; 2021
Need in Recovery Assessment (NiRA)	2	Davies et al, 2020; Davies et al, 2021
Salford Needs Assessment Schedule for Adolescents (S.NASA)	2	Clark et al, 2005; Jacobs, 2009
Adult Needs and Strengths Assessment (ANSA)	1	Nelson et al, 2008
Avon Mental Health Measure (AMHM)	1	Smith, 1998
Berlin Needs for Care Inventory (BNAS)	1	Haberfellner et al, 2006
Basic Psychological Needs Scale (BPNS)	1	Breiteborde et al, 2012
Child and Adolescent Needs and Strengths (CANS)	1	Cordell et al, 2016
Carers' and Users' Expectations of Services (CUES)	1	Macpherson, 2005
Difficulties and Needs Self-Assessment Tool ELADEB	1	Bellier Teichmann et al, 2016
Needs Assessment Inventory (NAI)	1	Abbott, 2010
Needs Assessment Scale (NAS)	1	de Weert-van Oene et al., 2009
Needs for Care Questionnaire (NCQ)	1	Goossens et al, 2007
Need Satisfaction Scale (NSC)	1	Perese, 1997
Profile of Community Psychiatry Clients (PCPC)	1	Cheah, 2000
Perceived Rehabilitation Needs Questionnaire (PRNQ)	1	Wong et al, 2011
Service Needs Assessment Form (SNAF)	1	Solomon et al, 1984
Services Needed, Available, Planned, Offered (SNAPOR)	1	Levin et al, 1978
Self-Sufficiency Matrix (SSM)	1	Fassaert et al, 2013

REFERENCES ACCORDING TO ALPHABETICAL ORDER

- 1 Abbott P. J. (2010). Case management: ongoing evaluation of patients' needs in an opioid treatment program. *Professional case management*, 15(3), 145–152.
<https://doi.org/10.1097/NCM.0b013e3181c8c72c>
- 2 Abdul-Hamid, W., Johnson, S., Thornicroft, G., Holloway, F., & Stansfeld, S. (2009). The Camberwell elderly mentally ill and their needs for services. *The International journal of social psychiatry*, 55(1), 82–90. <https://doi.org/10.1177/0020764008093450>
- 3 Abdul-Hamid, W., Lewis-Cole, K., Holloway, F., & Silverman, M. (2009). Older people with enduring mental illness: A needs assessment tool. *Psychiatric Bulletin*, 33(3), 91-95. doi:10.1192/pb.bp.107.017392
- 4 Abdul-Hamid, W. K., Lewis-Cole, K., Holloway, F., & Silverman, A. M. (2015). Comparison of how old age psychiatry and general adult psychiatry services meet the needs of elderly people with functional mental illness: Cross-sectional survey. *The British journal of psychiatry : the journal of mental science*, 207(5), 440–443.
<https://doi.org/10.1192/bjp.bp.114.145706>
- 5 Abou-Sinna, R., & Luebbers, S. (2012). Validity of assessing people experiencing mental illness who have offended using the Camberwell Assessment of Need-Forensic and Health of the Nation Outcome Scales-Secure. *International journal of mental health nursing*, 21(5), 462–470. <https://doi.org/10.1111/j.1447-0349.2012.00811.x>
- 6 Adams, J., Thomas, S. D. M., Mackinnon, T., & Eggleton, D. (2018). The risks, needs and stages of recovery of a complete forensic patient cohort in an Australian state. *BMC psychiatry*, 18(1), 35. <https://doi.org/10.1186/s12888-017-1584-8>
- 7 Andrade, M. C. R., Slade, M., Bandeira, M., Evans-Lacko, S., Martin, D., & Andreoli, S. B. (2018). Need for information in a representative sample of outpatients with schizophrenia disorders. *The International journal of social psychiatry*, 64(5), 476–481. <https://doi.org/10.1177/0020764018776350>
- 8 Andresen, R., Caputi, P., & Oades, L. G. (2000). Interrater reliability of the Camberwell Assessment of Need Short Appraisal Schedule. *The Australian and New Zealand journal of psychiatry*, 34(5), 856–861. <https://doi.org/10.1080/j.1440-1614.2000.00814.x>
- 9 Arnold, K., Loos, S., Mayer, B., Clarke, E., Slade, M., Fiorillo, A., Del Vecchio, V., Égerházi, A., Ivánka, T., Munk-Jørgensen, P., Krogsgaard Bording, M., Kawohl, W., Rössler, W., Puschner, B., & CEDAR Study Group (2017). Helping Alliance and Unmet Needs in Routine Care of People With Severe Mental Illness Across Europe: A Prospective Longitudinal Multicenter Study. *The Journal of nervous and mental disease*, 205(4), 329–333. <https://doi.org/10.1097/NMD.0000000000000650>
- 10 Arvidsson H. (2001). Needs assessed by patients and staff in a Swedish sample of severely mentally ill subjects. *Nordic journal of psychiatry*, 55(5), 311–317.
<https://doi.org/10.1080/080394801317080800>
- 11 Arvidsson H. (2003). Met and unmet needs of severely mentally ill persons: The Psychiatric Care Reform in Sweden. *Social psychiatry and psychiatric epidemiology*, 38(7), 373–379. <https://doi.org/10.1007/s00127-003-0643-2>

- 12 Arvidsson H. (2005). Changes in the group defined as severely mentally ill: Five years after the mental health-care reform in Sweden. *International journal of social welfare*, 14(4), 277–286. <https://doi.org/10.1111/j.1369-6866.2005.00370.x>
- 13 Arvidsson H. (2008). The development of needs in a group of severely mentally ill. A 10-year follow-up study after the 1995 Swedish mental health care reform. *Social psychiatry and psychiatric epidemiology*, 43(9), 705–713. <https://doi.org/10.1007/s00127-008-0356-7>
- 14 Arvidsson H. (2009). Severely and persistently mentally ill – a changing group. Ten years after the 1995 Swedish mental health care reform. *Nordic journal of psychiatry*, 63(5), 355–360. <https://doi.org/10.1080/08039480903093922>
- 15 Arvidsson, H., & Hultsjö, S. (2009). Needs and care of migrants considered as severely mentally ill – cross-sectional and longitudinal studies of a Swedish sample. *European psychiatry: the journal of the Association of European Psychiatrists*, 24(8), 533–539. <https://doi.org/10.1016/j.eurpsy.2009.01.007>
- 16 Ashaye, O. A., Livingston, G., & Orrell, M. W. (2003). Does standardized needs assessment improve the outcome of psychiatric day hospital care for older people? A randomized controlled trial. *Aging & mental health*, 7(3), 195–199. <https://doi.org/10.1080/1360786031000101166>
- 17 Ashoor, F. G., & Khudhur, I. A. (2017). Assessment of Needs: Differences between male and female patients with schizophrenia needs in psychiatric hospitals in Baghdad city. *The International journal of social psychiatry*, 63(7), 641–648. <https://doi.org/10.1177/0020764017725770>
- 18 Bebbington, P., Brewin, C. R., Marsden, L., & Lesage, A. (1996). Measuring the need for psychiatric treatment in the general population: the community version of the MRC Needs for Care Assessment. *Psychological medicine*, 26(2), 229–236. <https://doi.org/10.1017/s0033291700034620>
- 19 Becker, T., Gaite, L., Knapp, M., Knudsen, C., Leese, M., Ruggeri, M., Schene, A., Tansella, M., Thornicroft, G., Vázquez-Barquero, J. L., Welcher, B., & Van Wijngaarden, B. (2002). The iceberg tip and the rest. Mental health care for people with schizophrenia in five European centres. *Epidemiologia e psichiatria sociale*, 11(1), 6–11. <https://doi.org/10.1017/s1121189x00010083>
- 20 Becker, T., Knapp, M., Knudsen, H. C., Schene, A., Tansella, M., Thornicroft, G., & Vázquez-Barquero, J. L. (1999). The EPSILON study of schizophrenia in five European countries. Design and methodology for standardising outcome measures and comparing patterns of care and service costs. *The British journal of psychiatry: the journal of mental science*, 175, 514–521. <https://doi.org/10.1192/bjp.175.6.514>
- 21 Becker, T., Knapp, M., Knudsen, H. C., Schene, A. H., Tansella, M., Thornicroft, G., Vázquez-Barquero, J. L., & The EPSILON Study Group. (2000). Aims, outcome measures, study sites and patient sample: EPSILON Study 1. *The British Journal of Psychiatry*, 177(Suppl39), s1–s7. <https://doi.org/10.1192/bjp.177.39.s1>
- 22 Bekas, S. (2013). Complex needs survey: Informing the development of a community recovery and rehabilitation team. *The Psychiatrist*, 37(6), 192–197. doi:10.1192/pb.bp.112.039958

- 23 Bellier-Teichmann, T., Golay, P., Bonsack, C., & Pomini, V. (2016). Patients' Needs for Care in Public Mental Health: Unity and Diversity of Self-Assessed Needs for Care. *Frontiers in public health*, 4, 22. <https://doi.org/10.3389/fpubh.2016.00022>
- 24 Bengtsson-Tops, A., & Hansson, L. (1999). Clinical and social needs of schizophrenic outpatients living in the community: the relationship between needs and subjective quality of life. *Social psychiatry and psychiatric epidemiology*, 34(10), 513–518. <https://doi.org/10.1007/s001270050169>
- 25 Bertani, M., Lasalvia, A., Bonetto, C., Tosato, S., Cristofalo, D., Bissoli, S., De Santi, K., Mazzoncini, R., Lazzarotto, L., Santi, M., Sale, A., Scalabrin, D., Abate, M., Tansella, M., & Rugger, M. (2012). The influence of gender on clinical and social characteristics of patients at psychosis onset: A report from the Psychosis Incident Cohort Outcome Study (PICOS). *Psychological medicine*, 42(4), 769–780. <https://doi.org/10.1017/S0033291711001991>
- 26 Bitter, N. A., Roeg, D. P., van Nieuwenhuizen, C., & van Weeghel, J. (2016). Identifying profiles of service users in housing services and exploring their quality of life and care needs. *BMC psychiatry*, 16(1), 419. <https://doi.org/10.1186/s12888-016-1122-0>
- 27 Boardman, A. P., Hodgson, R. E., Lewis, M., & Allen, K. (1999). North Staffordshire Community Beds Study: longitudinal evaluation of psychiatric in-patient units attached to community mental health centres. I: Methods, outcome and patient satisfaction. *The British journal of psychiatry: the journal of mental science*, 175, 70–78. <https://doi.org/10.1192/bjp.175.1.70>
- 28 Boeing, L., Murray, V., Pelosi, A., McCabe, R., Blackwood, D., & Wrate, R. (2007). Adolescent-onset psychosis: prevalence, needs and service provision. *The British journal of psychiatry: the journal of mental science*, 190, 18–26. <https://doi.org/10.1192/bjp.190.1.18>
- 29 Bonsack, C., & Lesage, A. (1998). Deux instruments pour évaluer les besoins de soins en santé mentale: une étude comparative chez des personnes longuement hospitalisées. *Annales medico-psychologiques*, 156(4), 244–257.
- 30 Bouras, N., Webb, Y., Clifford, P., Papadatos, Y., & Zouni, M. (1992). A needs survey among patients in Leros asylum. *The British journal of psychiatry: the journal of mental science*, 161, 75–79. <https://doi.org/10.1192/bjp.161.1.75>
- 31 Breitborde, N. J., Kleinlein, P., & Srihari, V. H. (2012). Self-determination and first-episode psychosis: associations with symptomatology, social and vocational functioning, and quality of life. *Schizophrenia research*, 137(1-3), 132–136. <https://doi.org/10.1016/j.schres.2012.02.026>
- 32 Brewin, C. R., Wing, J. K., Mangan, S. P., Brugha, T. S., & MacCarthy, B. (1987). Principles and practice of measuring needs in the long-term mentally ill: the MRC needs for care assessment. *Psychological medicine*, 17(4), 971–981. <https://doi.org/10.1017/s0033291700000787>
- 33 Brewin, C. R., Wing, J. K., Mangan, S. P., Brugha, T. S., MacCarthy, B., & Lesage, A. (1988). Needs for care among the long-term mentally ill: a report from the Camberwell High Contact Survey. *Psychological medicine*, 18(2), 457–468. <https://doi.org/10.1017/s0033291700007996>

- 34 Broadbent, E., Kydd, R., Sanders, D., & Vanderpyl, J. (2008). Unmet needs and treatment seeking in high users of mental health services: role of illness perceptions. *The Australian and New Zealand journal of psychiatry*, 42(2), 147–153.
<https://doi.org/10.1080/00048670701787503>
- 35 Bruce, M., Gwaspari, M., Cobb, D., & Ndegwa, D. (2012). Ethnic differences in reported unmet needs among male inpatients with severe mental illness. *Journal of psychiatric and mental health nursing*, 19(9), 830–838. <https://doi.org/10.1111/j.1365-2850.2011.01859.x>
- 36 Carpinello, B., Carta, M. G., Wiersma, D., Kovess, V., Caria, A., Caldas De Almeida, J. M., Dubuis, J., Lacal-montie, E., Moreno, B., Peller, J., Porcedda, R., Roelandt, J. L., Salize, H. J., Torres-Gonzales, F., & Walsh D. (2000). Needs for care of schizophrenic patients. Preliminary results from a european research project. *Minerva Psichiatrica*, 41(2), 67-76.
- 37 Carter, M. F. (2003). The relationship of a self-reported assessment of need in mental illness to insight. *Journal of Mental Health*, 12(1), 81–89.
<https://doi.org/10.1080/09638230021000058328>.
- 38 Carter, M. F., Crosby, C., Geertshuis, S., & Startup, M. (1996). Developing reliability in client-centred mental health needs assessment. *Journal of Mental Health*, 5(3), 233–243.
<https://doi.org/10.1080/09638239650036901>
- 39 Cheah, Y. C., Parker, G., & Roy, K. (2000). Evaluation and validation of a measure profiling needs and problems of psychiatric patients in the community: a Malaysian study. *Social psychiatry and psychiatric epidemiology*, 35(4), 170–176.
<https://doi.org/10.1007/s001270050200>
- 40 Clark, A. F., O'Malley, A., Woodham, A., Barrett, B., & Byford, S. (2005). Children with Complex Mental Health Problems: Needs, Costs and Predictors over One Year. *Child and adolescent mental health*, 10(4), 170–178. <https://doi.org/10.1111/j.1475-3588.2005.00349.x>
- 41 Cleary, M., Freeman, A., Hunt, G. E., & Walter, G. (2006). Patient and carer perceptions of need and associations with care-giving burden in an integrated adult mental health service. *Social psychiatry and psychiatric epidemiology*, 41(3), 208–214.
<https://doi.org/10.1007/s00127-005-0017-z>
- 42 Cleary, M., Hunt, G. E., Walter, G., & Freeman, A. (2006). The patient's view of need and caregiving consequences: a cross-sectional study of inpatients with severe mental illness. *Journal of psychiatric and mental health nursing*, 13(5), 506–514.
<https://doi.org/10.1111/j.1365-2850.2006.00972.x>
- 43 Clifford, P., Charman, A., Webb, Y., Craig, T. J., & Cowan, D. (1991). Planning for community care: the Community Placement Questionnaire. *The British journal of clinical psychology*, 30(3), 193–211. <https://doi.org/10.1111/j.2044-8260.1991.tb00938.x>
- 44 Clignet, F., Houtjes, W., van Straten, A., Cuijpers, P., & van Meijel, B. (2019). Unmet care needs, care provision and patient satisfaction in patients with a late life depression: a cross-sectional study. *Aging & mental health*, 23(4), 491–497.
<https://doi.org/10.1080/13607863.2018.1426716>

- 45 Compton, S., & Brugha, T. (1988). Problems in monitoring needs for care of long term psychiatric patients: evaluating a service for casual attenders. *Social psychiatry and psychiatric epidemiology*, 23(2), 121–125. <https://doi.org/10.1007/BF01788432>
- 46 Comtois, G., Morin, C., Lesage, A., Lalonde, P., Likavcanova, E., & L'Ecuyer, G. (1998). Patients versus rehabilitation practitioners: a comparison of assessments of needs for care. *Canadian journal of psychiatry. Revue canadienne de psychiatrie*, 43(2), 159–165. <https://doi.org/10.1177/070674379804300205>
- 47 Cordell, K. D., Snowden, L. R., & Hosier, L. (2016). Patterns and priorities of service need identified through the Child and Adolescent Needs and Strengths (CANS) assessment. *Children and Youth Services Review*, 60, 129–135. <https://doi.org/10.1016/j.childyouth.2015.11.020>
- 48 Cummings, S. M., & Cassie, K. M. (2008). Perceptions of biopsychosocial services needs among older adults with severe mental illness: met and unmet needs. *Health & social work*, 33(2), 133–143. <https://doi.org/10.1093/hsw/33.2.133>
- 49 Cummings, S. M., & Kropf, N. P. (2009). Formal and informal support for older adults with severe mental illness. *Aging & mental health*, 13(4), 619–627. <https://doi.org/10.1080/13607860902774451>
- 50 Dautzenberg, G., Lans, L., Meesters, P. D., Kupka, R., Beekman, A., Stek, M. L., & Dols, A. (2016). The care needs of older patients with bipolar disorder. *Aging & mental health*, 20(9), 899–907. <https://doi.org/10.1080/13607863.2015.1047321>
- 51 Davies, E. L., Gordon, A. L., Hooper, K. J., Pelentsov, L. J., & Esterman, A. J. (2021). Evaluating the Reliability of the Needs in Recovery Assessment (NiRA) with Simulated Patients. *Issues in mental health nursing*, 42(9), 845–854. <https://doi.org/10.1080/01612840.2021.1894618>
- 52 Davies, E. L., Hooper, K. J., Pelentsov, L. J., Gordon, A. L., & Esterman, A. J. (2020). Development and validation of the Needs in Recovery Assessment (NiRA): A clinical tool for assessing the needs of individuals recovering from a first episode of mental illness. *International journal of mental health nursing*, 29(4), 639–651. <https://doi.org/10.1111/inm.12697>
- 53 de Weert-van Oene, G. H., Havenaar, J. M., & Schrijvers, A. J. (2009). Self-assessment of need for help in patients undergoing psychiatric treatment. *Psychiatry research*, 167(3), 221–230. <https://doi.org/10.1016/j.psychres.2008.02.001>
- 54 Dezetter, A., Duhoux, A., Menear, M., Roberge, P., Chartrand, E., & Fournier, L. (2015). Reasons and Determinants for Perceiving Unmet Needs for Mental Health in Primary Care in Quebec. *Canadian journal of psychiatry. Revue canadienne de psychiatrie*, 60(6), 284–293. <https://doi.org/10.1177/070674371506000607>
- 55 Di Lorito, C., Völlm, B., & Denning, T. (2019). The characteristics and needs of older forensic psychiatric patients: a cross-sectional study in secure units within one UK regional service. *The Journal of Forensic Psychiatry & Psychology*, 30(6), 975–992. <https://doi.org/10.1080/14789949.2019.1659390>
- 56 Dobrzynska, E., Rymaszewska, J., Biecek, P., & Kiejna, A. (2016). Do Mental Health Outpatient Services Meet Users' Needs? Trial to Identify Factors Associated with Higher

Needs for Care. *Community mental health journal*, 52(4), 472–478.

<https://doi.org/10.1007/s10597-015-9923-z>

- 57 Dolan, M., Thomas, S. D., Thomas, S. L., & Thornicroft, G. (2005). The needs of males detained under the legal category of 'psychopathic disorder' in high security: Implications for policy and service development. *The Journal of Forensic Psychiatry & Psychology*, 16(3), 523–537. <https://doi.org/10.1080/14789940500097840>.
- 58 Drukker, M., Joore, M., van Os, J., Sytema, S., Driessen, G., Bak, M., & Delespaul, P. (2012). The use of a Cumulative Needs for Care Monitor for individual treatment v. care as usual for patients diagnosed with severe mental illness, a cost-effectiveness analysis from the health care perspective. *Epidemiology and psychiatric sciences*, 21(4), 381–392. <https://doi.org/10.1017/S2045796012000248>
- 59 Drukker, M., van Os, J., Dietvorst, M., Sytema, S., Driessen, G., & Delespaul, P. (2011). Does monitoring need for care in patients diagnosed with severe mental illness impact on Psychiatric Service Use? Comparison of monitored patients with matched controls. *BMC psychiatry*, 11, 45. <https://doi.org/10.1186/1471-244X-11-45>
- 60 Eklund, M., & Sandlund, M. (2012). The life situation of people with persistent mental illness visiting day centers: a comparative study. *Community mental health journal*, 48(5), 592–597. <https://doi.org/10.1007/s10597-011-9410-0>
- 61 Fahy, M. A., & Livingston, G. A. (2001). The needs and mental health of older people in 24-hour care residential placements. *Aging & mental health*, 5(3), 253–257. <https://doi.org/10.1080/13607860120065050>
- 62 Fassaert, T., Lauriks, S., van de Weerd, S., Theunissen, J., Kikkert, M., Dekker, J., Buster, M., & de Wit, M. (2014). Psychometric properties of the Dutch version of the self-sufficiency matrix (SSM-D). *Community mental health journal*, 50(5), 583–590. <https://doi.org/10.1007/s10597-013-9683-6>
- 63 Fernandes, L., Gonçalves-Pereira, M., Leuschner, A., Martins, S., Sobral, M., Azevedo, L. F., Dias, C., Mateos, R., & Orrell, M. (2009). Validation study of the Camberwell Assessment of Need for the Elderly (CANE) in Portugal. *International psychogeriatrics*, 21(1), 94–102. <https://doi.org/10.1017/S1041610208008041>
- 64 Fleury, M. J., Grenier, G., Bamvita, J. M., & Tremblay, J. (2013). Factors associated with needs of users with severe mental disorders. *The Psychiatric quarterly*, 84(3), 363–379. <https://doi.org/10.1007/s11126-012-9252-0>
- 65 Fleury, M. J., Grenier, G., & Lesage, A. (2006). Agreement between staff and service users concerning the clientele's mental health needs: a Quebec study. *Canadian journal of psychiatry. Revue canadienne de psychiatrie*, 51(5), 281–286. <https://doi.org/10.1177/070674370605100503>
- 66 Fleury, M. J., Piat, M., Grenier, G., Bamvita, J. M., Boyer, R., Lesage, A., & Tremblay, J. (2010). Components associated with adequacy of help for consumers with severe mental disorders. *Administration and policy in mental health*, 37(6), 497–508. <https://doi.org/10.1007/s10488-010-0292-1>
- 67 Flisher, A., Sorsdahl, K., & Joska, J. (2012). Reliability of the Camberwell Assessment of Need for South African mental health service users. *The International journal of social psychiatry*, 58(1), 47–54. <https://doi.org/10.1177/0020764010382700>

- 68 Frasch, J. J., Petrea, I., Chihai, J., Smit, F., Oud, M., & Shields-Zeeman, L. (2020). Taking steps towards deinstitutionalizing mental health care within a low and middle-income country: A cross-sectional study of service user needs in the Republic of Moldova. *The International journal of social psychiatry*, 66(1), 49–57. <https://doi.org/10.1177/0020764019879951>
- 69 Freeman, A., Malone, J., & Hunt, G. E. (2004). A statewide survey of high-support services for people with chronic mental illness: assessment of needs for care, level of functioning and satisfaction. *The Australian and New Zealand journal of psychiatry*, 38(10), 811–818. <https://doi.org/10.1080/j.1440-1614.2004.01466.x>
- 70 Futeran, S., & Draper, B. M. (2012). An examination of the needs of older patients with chronic mental illness in public mental health services. *Aging & mental health*, 16(3), 327–334. <https://doi.org/10.1080/13607863.2011.628978>
- 71 Gallagher, J., & Teesson, M. (2000). Measuring disability, need and outcome in Australian community mental health services. *The Australian and New Zealand journal of psychiatry*, 34(5), 850–855. <https://doi.org/10.1080/j.1440-1614.2000.00815.x>
- 72 Gibbons, C., Bédard, M., & Mack, G. (2005). A comparison of client and mental health worker assessment of needs and unmet needs. *The journal of behavioral health services & research*, 32(1), 95–104. <https://doi.org/10.1007/BF02287331>
- 73 Gomez-Sanchez-Lafuente, C., Guzman-Parra, J., Lopez-Zambrano, M. A., Moreno-Kustner, B., & Mayoral-Cleries, F. (2021). Met and Unmet Needs in an Inpatient Psychiatry Setting in Spain. *Neuropsychiatric disease and treatment*, 17, 1859–1868. <https://doi.org/10.2147/NDT.S307394>
- 74 Goossens, P. J., Knoppert-van der Klein, E. A., Kroon, H., & van Achterberg, T. (2007). Self-reported care needs of outpatients with a bipolar disorder in the Netherlands. *Journal of psychiatric and mental health nursing*, 14(6), 549–557. <https://doi.org/10.1111/j.1365-2850.2007.01127.x>
- 75 Griffiths, T., Giarchi, G., Carr, A., Jones, P., & Horsham, S. (2007). Life mapping: a 'Therapeutic Document' approach to needs assessment. *Quality of life research: an international journal of quality of life aspects of treatment, care and rehabilitation*, 16(3), 467–481. <https://doi.org/10.1007/s11136-006-9139-3>
- 76 Grinshpoon, A., Friger, M., Orev, E., Shvarts, S., Kaplan, Z., Abramowitz, M. Z., & Ponizovsky, A. M. (2008). Relative perceptions of the needs of inpatients with schizophrenia and schizoaffective disorders. *The Israel journal of psychiatry and related sciences*, 45(3), 201–209.
- 77 Gwaspari, M., Hochhauser, S., & Bruce, M. (2011). Unmet needs and antisocial personality disorder among Black African and Caribbean service users with severe mental illness. *Ethnicity and Inequalities in Health and Social Care*, 4(1), 38–48. <https://doi.org/10.1108/17570981111189579>
- 78 Haberfellner, E. M., Grausgruber, A., Grausgruber-Berner, R., Ortmaier, M., & Schöny, W. (2006). Der Versorgungsbedarf ehemaliger psychiatrischer Langzeitpatienten [Needs for care of former long-stay-patients living outside of the psychiatric hospital]. *Psychiatrische Praxis*, 33(1), 23–29. <https://doi.org/10.1055/s-2004-828385>

- 79 Hancock, G. A., Reynolds, T., Woods, B., Thornicroft, G., & Orrell, M. (2003). The needs of older people with mental health problems according to the user, the carer, and the staff. *International journal of geriatric psychiatry*, 18(9), 803–811. <https://doi.org/10.1002/gps.924>
- 80 Hancock, N., Scanlan, J. N., Gillespie, J. A., Smith-Merry, J., & Yen, I. (2018). Partners in Recovery program evaluation: changes in unmet needs and recovery. *Australian health review: a publication of the Australian Hospital Association*, 42(4), 445–452. <https://doi.org/10.1071/AH17004>
- 81 Hansson, L., Björkman, T., & Svensson, B. (1995). The assessment of needs in psychiatric patients. Interrater reliability of the Swedish version of the Camberwell Assessment of Needs instrument and results from a cross-sectional study. *Acta psychiatrica Scandinavica*, 92(4), 285–293. <https://doi.org/10.1111/j.1600-0447.1995.tb09584.x>
- 82 Hansson, L., Sandlund, M., Bengtsson-Tops, A., Bjarnason, O., Karlsson, H., Mackeprang, T., Merinder, L., Nilsson, L., Sørgaard, K., Vinding, H., & Middelboe, T. (2003). The relationship of needs and quality of life in persons with schizophrenia living in the community. A Nordic multi-center study. *Nordic journal of psychiatry*, 57(1), 5–11. <https://doi.org/10.1080/08039480310000194>
- 83 Hansson, L., Vinding, H. R., Mackeprang, T., Sourander, A., Werdelin, G., Bengtsson-Tops, A., Bjarnason, O., Dybbro, J., Nilsson, L., Sandlund, M., Sørgaard, K., & Middelboe, T. (2001). Comparison of key worker and patient assessment of needs in schizophrenic patients living in the community: a Nordic multicentre study. *Acta psychiatrica Scandinavica*, 103(1), 45–51. <https://doi.org/10.1034/j.1600-0447.2001.00083.x>
- 84 Harty, M., Jarrett, M., Thornicroft, G., & Shaw, J. (2012). Unmet needs of male prisoners under the care of prison Mental Health Inreach Services. *The Journal of Forensic Psychiatry & Psychology*, 23(3), 285–296. <https://doi.org/10.1080/14789949.2012.690101>
- 85 Hegedüs, A., & Abderhalden, C. (2011). Versorgungsbedarf von Klienten in der ambulanten psychiatrischen Pflege im Kanton Bern [Needs of clients cared for by community mental health nurses]. *Psychiatrische Praxis*, 38(8), 382–388. <https://doi.org/10.1055/s-0031-1276858>
- 86 Hensel, J. M., Banayan, D. J., Cheng, C., Langley, J., & Dewa, C. S. (2016). Client and key worker ratings of need in first-episode psychosis early intervention programmes. *Early intervention in psychiatry*, 10(3), 246–251. <https://doi.org/10.1111/eip.12171>
- 87 Hirdes, J. P., Smith, T. F., Rabinowitz, T., Yamauchi, K., Pérez, E., Telegdi, N. C., Prendergast, P., Morris, J. N., Ikegami, N., Phillips, C. D., Fries, B. E., & Resident Assessment Instrument-Mental Health Group (2002). The Resident Assessment Instrument-Mental Health (RAI-MH): inter-rater reliability and convergent validity. *The journal of behavioral health services & research*, 29(4), 419–432. <https://doi.org/10.1007/BF02287348>

- 88 Hogg, L. I., & Marshall, M. (1992). Can we measure need in the homeless mentally ill? Using the MRC Needs for Care Assessment in hostels for the homeless. *Psychological medicine*, 22(4), 1027–1034. <https://doi.org/10.1017/s0033291700038599>
- 89 Holloway F. (1991). Day care in an inner city. II. Quality of the services. *The British journal of psychiatry: the journal of mental science*, 158, 810–816. <https://doi.org/10.1192/bjp.158.6.810>
- 90 Hosáková, J., & Hosák, L. (2015). Needs of Hospitalized Schizophrenic Patients in the North Moravia and the Czech Part of Silesia. *Acta medica (Hradec Kralove)*, 58(3), 104–107. <https://doi.org/10.14712/18059694.2015.102>
- 91 Houtjes, W., van Meijel, B., Deeg, D. J., & Beekman, A. T. (2010). Major depressive disorder in late life: a multifocus perspective on care needs. *Aging & mental health*, 14(7), 874–880. <https://doi.org/10.1080/13607861003801029>
- 92 Howard, L. M., & Hunt, K. (2008). The needs of mothers with severe mental illness: a comparison of assessments of needs by staff and patients. *Archives of women's mental health*, 11(2), 131–136. <https://doi.org/10.1007/s00737-008-0006-9>
- 93 Hyshka, E., Anderson, J. T., & Wild, T. C. (2017). Perceived unmet need and barriers to care amongst street-involved people who use illicit drugs. *Drug and alcohol review*, 36(3), 295–304. <https://doi.org/10.1111/dar.12427>
- 94 Isaacs, A., Beauchamp, A., Sutton, K., & Kocaali, N. (2019). Care Coordination Can Reduce Unmet Needs of Persons With Severe and Persistent Mental Illness. *Frontiers in psychiatry*, 10, 563. <https://doi.org/10.3389/fpsy.2019.00563>
- 95 Isaacs, A. N., Beauchamp, A., Sutton, K., & Maybery, D. (2019). Unmet needs of persons with a severe and persistent mental illness and their relationship to unmet accommodation needs. *Health & social care in the community*, 27(4), e246–e256. <https://doi.org/10.1111/hsc.12729>
- 96 Ismayilova, J., Xavier, M., & Munir, K. M. (2019). Needs Assessment Framework for Mental Health Policy in Treating Persons With Serious Mental Illness in Azerbaijan. *Psychiatric services (Washington, D.C.)*, 70(5), 432–435. <https://doi.org/10.1176/appi.ps.201700474>
- 97 Issakidis, C., & Teesson, M. (1999). Measurement of need for care: a trial of the Camberwell Assessment of Need and the Health of the Nation Outcome Scales. *The Australian and New Zealand journal of psychiatry*, 33(5), 754–759. <https://doi.org/10.1080/j.1440-1614.1999.00598.x>
- 98 Jacobs, B., Green, J., Kroll, L., Tobias, C., Dunn, G., & Briskman, J. (2009). The effect of inpatient care on measured Health Needs in children and adolescents. *Journal of child psychology and psychiatry, and allied disciplines*, 50(10), 1273–1281. <https://doi.org/10.1111/j.1469-7610.2009.02093.x>
- 99 Jansen, L., Hunnik, F., Busschbach, J. J. V., & Lijmer, J. G. (2019). Measuring outcomes on a Medical Psychiatric Unit: HoNOS, CANSAS and costs. *Psychiatry research*, 280, 112526. <https://doi.org/10.1016/j.psychres.2019.112526>
- 100 Jorquera, N., Alvarado, R., Libuy, N., & de Angel, V. (2015). Association between Unmet Needs and Clinical Status in Patients with First Episode of Schizophrenia in Chile. *Frontiers in psychiatry*, 6, 57. <https://doi.org/10.3389/fpsy.2015.00057>

- 101 Joska, J. A., & Flisher, A. J. (2007). Needs and services at an in-patient psychotherapy unit. *African journal of psychiatry*, 10(3), 149–2156. <https://doi.org/10.4314/ajpsy.v10i3.30247>
- 102 Kallert, T. W., & Leisse, M. (2001). Schizophrenic patients' normative needs for community-based psychiatric care: an evaluative study throughout the year following hospital release in the Dresden region. *Social psychiatry and psychiatric epidemiology*, 36(1), 1–12. <https://doi.org/10.1007/s001270050284>
- 103 Kallert, T. W., Leisse, M., & Winiecki, P. (2004a). Needs for care of chronic schizophrenic patients in long-term community treatment. *Social psychiatry and psychiatric epidemiology*, 39(5), 386–396. <https://doi.org/10.1007/s00127-004-0759-z>
- 104 Kallert, T. W., Leisse, M., & Winiecki, P. (2004b). Suicidality of chronic schizophrenic patients in long-term community care. *Crisis*, 25(2), 54–64. <https://doi.org/10.1027/0227-5910.25.2.54>
- 105 Kazarian, S. S., McCabe, S. B., & Joseph, L. W. (1997). Assessment of service needs of adult psychiatric inpatients: a systematic approach. *The Psychiatric quarterly*, 68(1), 5–23. <https://doi.org/10.1023/a:1025453004337>
- 106 Keogh, F., Finnerty, A., Walshe, A. O., Daly, I., Murphy, D., Lane, A., & Walsh, D. (2003). Meeting the needs of people with schizophrenia living in the community: a report from a European collaboration. *Irish journal of psychological medicine*, 20(2), 45–51. <https://doi.org/10.1017/S0790966700007606>
- 107 Korkeila, J., Heikkilä, J., Aalto, S., Sourander, A., & Karlsson, H. (2001). Needs, social relations and quality of life among schizophrenic outpatients. *Psychiatria Fennica*, 32, 29–43.
- 108 Kortrijk, H. E., Kamperman, A. M., & Mulder, C. L. (2014). Changes in individual needs for care and quality of life in Assertive Community Treatment patients: an observational study. *BMC psychiatry*, 14, 306. <https://doi.org/10.1186/s12888-014-0306-8>
- 109 Kovess-Masféty, V., Wiersma, D., Xavier, M., de Almeida, J. M., Carta, M. G., Dubuis, J., Lacalmontie, E., Pellet, J., Roelandt, J. L., Torres-Gonzalez, F., Moreno Kustner, B., & Walsh, D. (2006). Needs for care among patients with schizophrenia in six European countries: a one-year follow-up study. *Clinical practice and epidemiology in mental health: CP & EMH*, 2, 22. <https://doi.org/10.1186/1745-0179-2-22>
- 110 Lambri, M., Chakraborty, A., Leavey, G., & King, M. (2012). Quality of life and unmet need in people with psychosis in the London Borough of Haringey, UK. *The Scientific World Journal*, 2012, 836067. <https://doi.org/10.1100/2012/836067>
- 111 Landolt, K., Rössler, W., Burns, T., Ajdacic-Gross, V., Galderisi, S., Libiger, J., Naber, D., Derks, E. M., Kahn, R. S., & Fleischhacker, W. W. (2012a). The interrelation of needs and quality of life in first-episode schizophrenia. *European archives of psychiatry and clinical neuroscience*, 262(3), 207–216. <https://doi.org/10.1007/s00406-011-0275-6>
- 112 Landolt, K., Rössler, W., Burns, T., Ajdacic-Gross, V., Galderisi, S., Libiger, J., Naber, D., Derks, E. M., Kahn, R. S., Fleischhacker, W. W., & EUFEST Study Group. (2012b). Unmet needs in patients with first-episode schizophrenia: a longitudinal

- perspective. *Psychological medicine*, 42(7), 1461–1473.
<https://doi.org/10.1017/S0033291711002406>
- 113 Lasalvia, A., Boggian, I., Bonetto, C., Saggioro, V., Piccione, G., Zanoni, C., Cristofalo, D., & Lamonaca, D. (2012). Multiple perspectives on mental health outcome: needs for care and service satisfaction assessed by staff, patients and family members. *Social psychiatry and psychiatric epidemiology*, 47(7), 1035–1045.
<https://doi.org/10.1007/s00127-011-0418-0>
 - 114 Lasalvia, A., Bonetto, C., Malchiodi, F., Salvi, G., Parabiaghi, A., Tansella, M., & Ruggeri, M. (2005). Listening to patients' needs to improve their subjective quality of life. *Psychological medicine*, 35(11), 1655–1665. <https://doi.org/10.1017/S0033291705005611>
 - 115 Lasalvia, A., Bonetto, C., Salvi, G., Bissoli, S., Tansella, M., & Ruggeri, M. (2007). Predictors of changes in needs for care in patients receiving community psychiatric treatment: a 4-year follow-up study. *Acta psychiatrica Scandinavica. Supplementum*, (437), 31–41. <https://doi.org/10.1111/j.1600-0447.2007.01091.x>
 - 116 Lasalvia, A., Bonetto, C., Tansella, M., Stefani, B., & Ruggeri, M. (2008). Does staff-patient agreement on needs for care predict a better mental health outcome? A 4-year follow-up in a community service. *Psychological medicine*, 38(1), 123–133.
<https://doi.org/10.1017/S0033291707000785>
 - 117 Lasalvia, A., Ruggeri, M., Mazzi, M. A., & Dall'Agnola, R. B. (2000). The perception of needs for care in staff and patients in community-based mental health services. The South-Verona Outcome Project 3. *Acta psychiatrica Scandinavica*, 102(5), 366–375. <https://doi.org/10.1034/j.1600-0447.2000.102005366.x>
 - 118 Lasalvia, A., Zoppei, S., Bonetto, C., Tosato, S., Zanatta, G., Cristofalo, D., De Santi, K., Bertani, M., Bissoli, S., Lazzarotto, L., Ceccato, E., Riolo, R., Marangon, V., Cremonese, C., Boggian, I., Tansella, M., & Ruggeri, M. (2014). The role of experienced and anticipated discrimination in the lives of people with first-episode psychosis. *Psychiatric services (Washington, D.C.)*, 65(8), 1034–1040.
<https://doi.org/10.1176/appi.ps.201300291>
 - 119 Leese, M., Johnson, S., Slade, M., Parkman, S., Kelly, F., Phelan, M., & Thornicroft, G. (1998). User perspective on needs and satisfaction with mental health services. PRiSM Psychosis Study. 8. *The British journal of psychiatry: the journal of mental science*, 173, 409–415. <https://doi.org/10.1192/bjp.173.5.409>
 - 120 Lefebvre, J., Cyr, M., Lesage, A., Fournier, L., & Toupin, J. (2000). Unmet needs in the community: can existing services meet them?. *Acta psychiatrica Scandinavica*, 102(1), 65–70. <https://doi.org/10.1034/j.1600-0447.2000.102001065.x>
 - 121 Leisse, M., & Kallert, T. W. (2003). Normative needs for community-based psychiatric care of patients with schizophrenia in different residential settings. *Psychiatry research*, 118(3), 223–233. [https://doi.org/10.1016/s0165-1781\(03\)00076-3](https://doi.org/10.1016/s0165-1781(03)00076-3)
 - 122 Lenahan, P., Deane, F. P., Wolstencroft, K., & Kelly, P. J. (2019). Coherence between goals and therapeutic homework of clients engaging in recovery-oriented support. *Psychiatric rehabilitation journal*, 42(2), 201–205.
<https://doi.org/10.1037/prj0000335>

- 123 Lesage, A. D., Cope, S. J., & Pezeshgi, S. (1991). Assessing the needs for care of non-psychotic patients. A trial with a new standardized procedure. *Social psychiatry and psychiatric epidemiology*, 26(6), 281–286. <https://doi.org/10.1007/BF00789220>
- 124 Lesage, A. D., Fournier, L., Cyr, M., Toupin, J., Fabian, J., Gaudette, G., Vanier, C., Bebbington, P. E., & Brewin, C. R. (1996). The reliability of the community version of the MRC Needs for Care Assessment. *Psychological medicine*, 26(2), 237–243. <https://doi.org/10.1017/s0033291700034632>
- 125 Lesage, A., Mignolli, G., Faccincani, C., & Tansella, M. (1991). Standardized assessment of the needs for care in a cohort of patients with schizophrenic psychoses. *Psychological Medicine. Monograph Supplement*, 19, 27–33. doi:10.1017/S0264180100000254
- 126 Levin, G., Wilder, J. F., & Gilbert, J. (1978). Identifying and meeting clients' needs in six community mental health centers. *Hospital & community psychiatry*, 29(3), 185–188. <https://doi.org/10.1176/ps.29.3.185>
- 127 Lockwood, A., & Marshall, M. (1999). Can a standardized needs assessment be used to improve the care of people with severe mental disorders? A pilot study of 'needs feedback'. *Journal of advanced nursing*, 30(6), 1408–1415. <https://doi.org/10.1046/j.1365-2648.1999.01217.x>
- 128 Long, C. G., Dolley, O., & Hollin, C. R. (2015). Treatment progress in medium security hospital settings for women: changes in symptoms, personality and service need from admission to discharge. *Criminal behaviour and mental health: CBMH*, 25(2), 99–111. <https://doi.org/10.1002/cbm.1911>
- 129 Long, C. G., Fulton, B., Dolley, O., & Hollin, C. R. (2011). Social problem-solving interventions in medium secure settings for women. *Medicine, science, and the law*, 51(4), 215–219. <https://doi.org/10.1258/msl.2011.010105>
- 130 Long, C., Hall, L., Craig, L., Mochty, U., & Hollin, C. (2011). Women referred for medium secure inpatient care: A population study over a six-year period. *Journal of Psychiatric Intensive Care*, 7(1), 17–26. doi:10.1017/S1742646410000099
- 131 MacLeay, E., Fry, M., Roche, M. A., & Montilla, T. (2020). Care planning and nonpharmacological interventions in a metropolitan inpatient dual diagnosis service: A retrospective exploratory study. *International journal of mental health nursing*, 29(5), 856–867. <https://doi.org/10.1111/inm.12719>
- 132 MacPherson, R., Gregory, N., Slade, M., & Foy, C. (2007). Factors associated with changing patient needs in an assertive outreach team. *The International journal of social psychiatry*, 53(5), 389–396. <https://doi.org/10.1177/0020764007078338>
- 133 MacPherson, R., Haynes, R., Summerfield, L., Foy, C., & Slade, M. (2003). From research to practice: a local mental health services needs assessment. *Social psychiatry and psychiatric epidemiology*, 38(5), 276–281. <https://doi.org/10.1007/s00127-003-0629-0>
- 134 Macpherson, R., Summerfield, L., Haynes, R., Slade, M., & Foy, C. (2005). The use of carers' and users' expectations of services (CUES) in an epidemiological survey of need. *The International journal of social psychiatry*, 51(1), 35–43. <https://doi.org/10.1177/0020764005053268>

- 135 Macpherson, R., Varah, M., Summerfield, L., Foy, C., & Slade, M. (2003). Staff and patient assessments of need in an epidemiologically representative sample of patients with psychosis--staff and patient assessments of need. *Social psychiatry and psychiatric epidemiology*, 38(11), 662–667. <https://doi.org/10.1007/s00127-003-0669-5>
- 136 Mak, W. W., Mo, P. K., Lau, J. T., & Wong, S. Y. (2015). Physical health needs, lifestyle choices, and quality of life among people with mental illness in the community. *Hong Kong medical journal = Xianggang yi xue za zhi*, 21 Suppl 6, 29–33.
- 137 Marshall, M., Hogg, L. I., Gath, D. H., & Lockwood, A. (1995). The Cardinal Needs Schedule – a modified version of the MRC Needs for Care Assessment Schedule. *Psychological medicine*, 25(3), 605–617. <https://doi.org/10.1017/s0033291700033511>
- 138 Marshall, M., Lockwood, A., Green, G., Zajac-Roles, G., Roberts, C., & Harrison, G. (2004). Systematic assessments of need and care planning in severe mental illness: cluster randomised controlled trial. *The British journal of psychiatry: the journal of mental science*, 185, 163–168. <https://doi.org/10.1192/bjp.185.2.163>
- 139 Martin, L., Hirdes, J. P., Morris, J. N., Montague, P., Rabinowitz, T., & Fries, B. E. (2009). Validating the Mental Health Assessment Protocols (MHAPs) in the Resident Assessment Instrument Mental Health (RAI-MH). *Journal of psychiatric and mental health nursing*, 16(7), 646–653. <https://doi.org/10.1111/j.1365-2850.2009.01429.x>
- 140 McCann E. (2010). The sexual and relationship needs of people who experience psychosis: quantitative findings of a UK study. *Journal of psychiatric and mental health nursing*, 17(4), 295–303. <https://doi.org/10.1111/j.1365-2850.2009.01522.x>
- 141 McCrone, P., Leese, M., Thornicroft, G., Schene, A. H., Knudsen, H. C., Vázquez-Barquero, J. L., Lasalvia, A., Padfield, S., White, I. R., & Griffiths, G. (2000). Reliability of the Camberwell Assessment of Need – European Version. EPSILON Study 6. European Psychiatric Services: Inputs Linked to Outcome Domains and Needs. *The British journal of psychiatry*. Supplement, (39), s34–s40. <https://doi.org/10.1192/bjp.177.39.s34>
- 142 McCrone, P., Leese, M., Thornicroft, G., Schene, A., Knudsen, H. C., Vázquez-Barquero, J. L., Tansella, M., & Becker, T. (2001). A comparison of needs of patients with schizophrenia in five European countries: the EPSILON Study. *Acta psychiatrica Scandinavica*, 103(5), 370–379. <https://doi.org/10.1034/j.1600-0447.2001.00207.x>
- 143 McDonald, K. L., Hoenig, J. M., & Norman, C. C. (2021). Identifying profiles of need among psychiatric inpatients approaching discharge in New York City: a latent class analysis. *Social psychiatry and psychiatric epidemiology*, 56(1), 63–73. <https://doi.org/10.1007/s00127-019-01817-4>
- 144 Meadows, G., Harvey, C., Fossey, E., & Burgess, P. (2000). Assessing perceived need for mental health care in a community survey: development of the Perceived Need for Care Questionnaire (PNCQ). *Social psychiatry and psychiatric epidemiology*, 35(9), 427–435. <https://doi.org/10.1007/s001270050260>
- 145 Meesters, P. D., Comijs, H. C., Dröes, R. M., de Haan, L., Smit, J. H., Eikelenboom, P., Beekman, A. T., & Stek, M. L. (2013). The care needs of elderly patients with schizophrenia spectrum disorders. *The American journal of geriatric psychiatry*:

- official journal of the American Association for Geriatric Psychiatry*, 21(2), 129–137.
<https://doi.org/10.1016/j.jagp.2012.10.008>
- 146 Middelboe, T., Mackeprang, T., Hansson, L., Werdelin, G., Karlsson, H., Bjarnason, O., Bengtsson-Tops, A., Dybbro, J., Nilsson, L. L., Sandlund, M., & Sörgeard, K. W. (2001). The Nordic Study on schizophrenic patients living in the community. Subjective needs and perceived help. *European psychiatry: the journal of the Association of European Psychiatrists*, 16(4), 207–214. [https://doi.org/10.1016/s0924-9338\(01\)00566-1](https://doi.org/10.1016/s0924-9338(01)00566-1)
- 147 Middelboe, T., Mackeprang, T., Thalsgaard, A., & Christiansen, P. B. (1998). A housing support programme for the mentally ill: need profile and satisfaction among users. *Acta psychiatrica Scandinavica*, 98(4), 321–327. <https://doi.org/10.1111/j.1600-0447.1998.tb10091.x>
- 148 Moreno Küstner, B., Jiménez Estévez, J. F., Godoy García, J. F., & Torres González, F. (2003). Evaluación de las necesidades asistenciales de una muestra de pacientes esquizofrénicos del Area de Salud Mental Granada Sur [Assessment of needs for care of a schizophrenic patient sample from the Granada Sur Mental Health Care Area]. *Actas españolas de psiquiatria*, 31(6), 325–330.
- 149 Murray, V., Walker, H. W., Mitchell, C., & Pelosi, A. J. (1996). Needs for care from a demand led community psychiatric service: a study of patients with major mental illness. *BMJ (Clinical research ed.)*, 312(7046), 1582–1586.
<https://doi.org/10.1136/bmj.312.7046.1582>
- 150 Nelson, C., & Johnston, M. (2008). Adult Needs and Strengths Assessment-Abbreviated Referral Version to specify psychiatric care needed for incoming patients: exploratory analysis. *Psychological reports*, 102(1), 131–143.
<https://doi.org/10.2466/pr0.102.1.131-143>
- 151 Nielsen, L. F., Petersen, L., Werdelin, G., Hou, B. J., & Lindhardt, A. (2000). The heavy users of a psychiatric hospital: A description of patient characteristics, admission patterns, and need for care. *Nordic Journal of Psychiatry*, 54(5), 311–317.
<https://doi.org/10.1080/080394800457138>
- 152 Norman, C. C., McDonald, K., Schneider, A. E., Malinovsky, I., Goldmann, E., Blauschild, M. K., & Driver, C. (2018). The New York City Mental Health Needs Assessment Study (MHNAS): Objectives, design, and methods. *International journal of methods in psychiatric research*, 27(2), e1606. <https://doi.org/10.1002/mpr.1606>
- 153 Oberndorfer, R., Alexandrowicz, R. W., Unger, A., Koch, M., Markiewicz, I., Gosek, P., Heitzman, J., Iozzino, L., Ferrari, C., Salize, H. J., Picchioni, M., Fangerau, H., Stompe, T., Wancata, J., & de Girolamo, G. (2023). Needs of forensic psychiatric patients with schizophrenia in five European countries. *Social psychiatry and psychiatric epidemiology*, 58(1), 53–63. <https://doi.org/10.1007/s00127-022-02336-5>
- 154 Ochoa, S., Haro, J. M., Usall, J., Autonell, J., Vicens, E., Asensio, F., & NEDES group (2005). Needs and its relation to symptom dimensions in a sample of outpatients with schizophrenia. *Schizophrenia research*, 75(1), 129–134.
<https://doi.org/10.1016/j.schres.2004.06.002>

- 155 Ochoa, S., Usall, J., Haro, J. M., Araya, S., Autonell, J., Busquets, E., Gost, A., & Grupo Nedes (2001). Estudio comparativo de las necesidades de pacientes con esquizofrenia en función del género [Comparative study of the needs of patients with schizophrenia by gender]. *Actas españolas de psiquiatria*, 29(3), 165–171.
- 156 O'Leary, D., & Webb, M. (1996). The needs for care assessment – a longitudinal approach. *Psychiatric Bulletin*, 20, 134–136. <https://doi.org/10.1192/pb.20.3.134>
- 157 Oliveira-Maia, A. J., Mendonça, C., Pessoa, M. J., Camacho, M., & Gago, J. (2016). The Mental Health Recovery Measure Can Be Used to Assess Aspects of Both Customer-Based and Service-Based Recovery in the Context of Severe Mental Illness. *Frontiers in psychology*, 7, 1679. <https://doi.org/10.3389/fpsyg.2016.01679>
- 158 Passos, J., Fonte, A., Dias, C. C., & Fernandes, L. (2017). The needs of older people with mental health problems in a Portuguese psychiatric setting. *International psychogeriatrics*, 29(5), 845–853. <https://doi.org/10.1017/S1041610217000072>
- 159 Perese E. F. (1997). Unmet needs of persons with chronic mental illnesses: relationship to their adaptation to community living. *Issues in mental health nursing*, 18(1), 19–34. <https://doi.org/10.3109/01612849709006537>
- 160 Perlman, C. M., Hirdes, J. P., Barbaree, H., Fries, B. E., McKillop, I., Morris, J. N., & Rabinowitz, T. (2013). Development of mental health quality indicators (MHQIs) for inpatient psychiatry based on the interRAI mental health assessment. *BMC health services research*, 13, 15. <https://doi.org/10.1186/1472-6963-13-15>
- 161 Phelan, M., Slade, M., Thornicroft, G., Dunn, G., Holloway, F., Wykes, T., Strathdee, G., Loftus, L., McCrone, P., & Hayward, P. (1995). The Camberwell Assessment of Need: the validity and reliability of an instrument to assess the needs of people with severe mental illness. *The British journal of psychiatry: the journal of mental science*, 167(5), 589–595. <https://doi.org/10.1192/bjp.167.5.589>
- 162 Pillay, S. M., Oliver, B., Butler, L., & Kennedy, H. G. (2008). Risk stratification and the care pathway. *Irish journal of psychological medicine*, 25(4), 123–127. <https://doi.org/10.1017/S0790966700011228>
- 163 Ponizovsky, A. M., Rothstein, I., & Grinshpoon, A. (2014). The CANSAS self-report for screening of needs in outpatients with schizophrenia and schizoaffective disorders. *Community mental health journal*, 50(3), 343–347. <https://doi.org/10.1007/s10597-013-9677-4>
- 164 Pryce, I. G., Griffiths, R. D., Gentry, R. M., Hughes, I. C., Montague, L. R., Watkins, S. E., Champney-Smith, J., & McLackland, B. M. (1991). The nature and severity of disabilities in long-stay psychiatric in-patients in South Glamorgan. *The British journal of psychiatry: the journal of mental science*, 158, 817–821. <https://doi.org/10.1192/bjp.158.6.817>
- 165 Pryce, I. G., Griffiths, R. D., Gentry, R. M., Hughes, I. C., Montague, L. R., Watkins, S. E., Champney-Smith, J., & McLackland, B. M. (1993). How important is the assessment of social skills in current long-stay in-patients? An evaluation of clinical response to needs for assessment, treatment, and care in a long-stay psychiatric in-patient population. *The British journal of psychiatry: the journal of mental science*, 162, 498–502. <https://doi.org/10.1192/bjp.162.4.498>

- 166 Puschner, B., Becker, T., Mayer, B., Jordan, H., Maj, M., Fiorillo, A., Égerházi, A., Ivánka, T., Munk-Jørgensen, P., Krogsgaard Bording, M., Rössler, W., Kawohl, W., Slade, M., & CEDAR study group (2016). Clinical decision making and outcome in the routine care of people with severe mental illness across Europe (CEDAR). *Epidemiology and psychiatric sciences*, 25(1), 69–79. <https://doi.org/10.1017/S204579601400078X>
- 167 Radigan, M., & Wang, R. (2013). Relationships between youth and caregiver strengths and mental health outcomes in community based public mental health services. *Community mental health journal*, 49(5), 499–506. <https://doi.org/10.1007/s10597-011-9476-8>
- 168 Ramana, R., Paykel, E. S., Melzer, D., Mehta, M. A., & Surtees, P. G. (2003). Aftercare of depressed inpatients – service delivery and unmet needs. *Social psychiatry and psychiatric epidemiology*, 38(3), 109–115. <https://doi.org/10.1007/s00127-003-0613-8>
- 169 Reid, Y., Johnson, S., Bebbington, P. E., Kuipers, E., Scott, H., & Thornicroft, G. (2001). The longer term outcomes of community care: a 12 year follow-up of the Camberwell High Contact Survey. *Psychological medicine*, 31(2), 351–359. <https://doi.org/10.1017/s0033291701003397>
- 170 Reynolds, T., Thornicroft, G., Abas, M., Woods, B., Hoe, J., Leese, M., & Orrell, M. (2000). Camberwell Assessment of Need for the Elderly (CANE). Development, validity and reliability. *The British journal of psychiatry: the journal of mental science*, 176, 444–452. <https://doi.org/10.1192/bjp.176.5.444>
- 171 Romeva, G. E., Rubio, L. G., Güerre, S. O., Miravet, M. J., Cáceres, A. G., & Thomas, S. D. (2010). Clinical validation of the CANFOR scale (Camberwell Assessment of Need-Forensic version) for the needs assessment of people with mental health problems in the forensic services. *Actas espanolas de psiquiatria*, 38(3), 129–137.
- 172 Rosales Varo, C., Torres González, F., Luna-Del-Castillo, J., Baca Baldomero, E., & Martínez Montes, G. (2002). Evaluación de necesidades de personas con enfermedad esquizofrénica (CAN) [Assessment of needs in schizophrenia patients]. *Actas espanolas de psiquiatria*, 30(3), 182–188.
- 173 Ruggeri, M., Lasalvia, A., Nicolaou, S., & Tansella, M. (1999). La versione italiana della Camberwell Assessment of Need (CAN), un'intervista per l'identificazione dei bisogni di cura [The Italian version of the Camberwell assessment of need (CAN), an interview for the identification of needs of care]. *Epidemiologia e psichiatria sociale*, 8(2), 135–167. <https://doi.org/10.1017/s1121189x00007648>
- 174 Ruggeri, M., Leese, M., Slade, M., Bonizzato, P., Fontecedro, L., & Tansella, M. (2004). Demographic, clinical, social and service variables associated with higher needs for care in community psychiatric service patients. The South Verona Outcome Project 8. *Social psychiatry and psychiatric epidemiology*, 39(1), 60–68. <https://doi.org/10.1007/s00127-004-0705-0>
- 175 Salehi, R., Davatgaran, K., Heidari, M., Mostafaei, N., & Latifi, M. (2018). [The Psychometric Properties of the Persian Version of the Camberwell Assessment of Needs (CANE) for Iranian Elderly People With Mental Disorders (Persian)]. *Iranian Journal of Ageing*, 13(2), 168–181. <https://doi.org/10.32598/SIJA.13.2.168>

- 176 Salize, H. J., Küstner, B. M., Torres-Gonzalez, F., Reinhard, I., Estévez, J. F., & Rössler, W. (1999). Needs for care and effectiveness of mental health care provision for schizophrenic patients in two European regions: a comparison between Granada (Spain) and Mannheim (Germany). *Acta psychiatrica Scandinavica*, 100(5), 328–334.
<https://doi.org/10.1111/j.1600-0447.1999.tb10875.x>
- 177 Santos, M. E. S. B., Roza, D. L., Barros, R. E. M., Santos, J. L. F., Razzouk, D., Azevedo-Marques, J. M., Menezes, P. R., & Del-Ben, C. M. (2021). Patient needs four years after first psychiatric hospitalization in a Brazilian cohort. *Brazilian journal of medical and biological research = Revista brasileira de pesquisas medicas e biologicas*, 54(8), e11447. <https://doi.org/10.1590/1414-431X2021e11447>
- 178 Scanlan, J. N., Hancock, N., & Honey, A. (2018). The Recovery Assessment Scale - Domains and Stages (RAS-DS): Sensitivity to change over time and convergent validity with level of unmet need. *Psychiatry research*, 261, 560–564.
<https://doi.org/10.1016/j.psychres.2018.01.042>
- 179 Scheewe, T. W., Backx, F. J., Takken, T., Jörg, F., van Strater, A. C., Kroes, A. G., Kahn, R. S., & Cahn, W. (2013). Exercise therapy improves mental and physical health in schizophrenia: a randomised controlled trial. *Acta psychiatrica Scandinavica*, 127(6), 464–473. <https://doi.org/10.1111/acps.12029>
- 180 Schlithler, A. C., Scazufca, M., Busatto, G., Coutinho, L. M., & Menezes, P. R. (2007). Reliability of the Brazilian version of the Camberwell Assessment of Needs (CAN) in first-episode psychosis cases in São Paulo, Brazil. *Revista brasileira de psiquiatria (Sao Paulo, Brazil: 1999)*, 29(2), 160–163. <https://doi.org/10.1590/s1516-44462006005000026>
- 181 Segal, A., Daffern, M., Thomas, S., & Ferguson, M. (2010). Needs and risks of patients in a state-wide inpatient forensic mental health population. *International journal of mental health nursing*, 19(4), 223–230. <https://doi.org/10.1111/j.1447-0349.2010.00665.x>
- 182 Simons, L., & Petch, A. (2002). Needs assessment and discharge: a Scottish perspective. *Journal of psychiatric and mental health nursing*, 9(4), 435–445.
<https://doi.org/10.1046/j.1365-2850.2002.00506.x>
- 183 Slade, M., Beck, A., Bindman, J., Thornicroft, G., & Wright, S. (1999). Routine clinical outcome measures for patients with severe mental illness: CANSAS and HoNOS. *The British journal of psychiatry: the journal of mental science*, 174, 404–408.
<https://doi.org/10.1192/bjp.174.5.404>
- 184 Slade, M., Cahill, S., Kelsey, W., Powell, R., & Strathdee, G. (2002). Threshold 2: the reliability, validity and sensitivity to change of the Threshold Assessment Grid (TAG). *Acta psychiatrica Scandinavica*, 106(6), 453–460. <https://doi.org/10.1034/j.1600-0447.2002.02356.x>
- 185 Slade, M., Leese, M., Cahill, S., Thornicroft, G., & Kuipers, E. (2005). Patient-rated mental health needs and quality of life improvement. *The British journal of psychiatry: the journal of mental science*, 187, 256–261.
<https://doi.org/10.1192/bjp.187.3.256>

- 186 Slade, M., Leese, M., Ruggeri, M., Kuipers, E., Tansella, M., & Thornicroft, G. (2004). Does meeting needs improve quality of life?. *Psychotherapy and psychosomatics*, 73(3), 183–189. <https://doi.org/10.1159/000076456>
- 187 Slade, M., Leese, M., Taylor, R., & Thornicroft, G. (1999). The association between needs and quality of life in an epidemiologically representative sample of people with psychosis. *Acta psychiatrica Scandinavica*, 100(2), 149–157. <https://doi.org/10.1111/j.1600-0447.1999.tb10836.x>
- 188 Slade, M., Phelan, M., & Thornicroft, G. (1998). A comparison of needs assessed by staff and by an epidemiologically representative sample of patients with psychosis. *Psychological medicine*, 28(3), 543–550. <https://doi.org/10.1017/s0033291798006564>
- 189 Slade, M., Phelan, M., Thornicroft, G., & Parkman, S. (1996). The Camberwell Assessment of Need (CAN): comparison of assessments by staff and patients of the needs of the severely mentally ill. *Social psychiatry and psychiatric epidemiology*, 31(3-4), 109–113. <https://doi.org/10.1007/BF00785756>
- 190 Solomon, P., Gordon, B., & Davis, J. M. (1984). Assessing the service needs of the discharged psychiatric patient. *Social work in health care*, 10(1), 61–69. https://doi.org/10.1300/J010v10n01_05
- 191 Sousa, R. M., Scazufca, M., Menezes, P. R., Crepaldi, A. L., & Prince, M. J. (2009). Feasibility and reliability of the elderly version of the Camberwell Assessment of Needs (CANE): results from the São Paulo Ageing & Health Study. *Revista brasileira de psiquiatria (Sao Paulo, Brazil: 1999)*, 31(1), 34–38. <https://doi.org/10.1590/s1516-44462009000100009>
- 192 Stansfeld, S., Orrell, M., Mason, R., Nicholls, D., & D'Ath, P. (1998). A pilot study of needs assessment in acute psychiatric inpatients. *Social psychiatry and psychiatric epidemiology*, 33(3), 136–139. <https://doi.org/10.1007/s001270050034>
- 193 Stefanatou, P., Giannouli, E., Konstantakopoulos, G., Vitoratou, S., & Mavreas, V. (2014). Measuring the needs of mental health patients in Greece: reliability and validity of the Greek version of the Camberwell assessment of need. *The International journal of social psychiatry*, 60(7), 662–671. <https://doi.org/10.1177/0020764013511793>
- 194 Stein, J., Lupp, M., König, H. H., & Riedel-Heller, S. G. (2014). Assessing met and unmet needs in the oldest-old and psychometric properties of the German version of the Camberwell assessment of need for the elderly (CANE) – a pilot study. *International psychogeriatrics*, 26(2), 285–295. <https://doi.org/10.1017/S1041610213001993>
- 195 Stein, J., Pabst, A., Weyerer, S., Werle, J., Maier, W., Heilmann, K., Scherer, M., Stark, A., Kaduszkiewicz, H., Wiese, B., Mamone, S., König, H. H., Bock, J. O., & Riedel-Heller, S. G. (2016). The assessment of met and unmet care needs in the oldest old with and without depression using the Camberwell Assessment of Need for the Elderly (CANE): Results of the AgeMooDe study. *Journal of affective disorders*, 193, 309–317. <https://doi.org/10.1016/j.jad.2015.12.044>
- 196 Stein, J., Pabst, A., Weyerer, S., Werle, J., Maier, W., Miebach, L., Scherer, M., Stark, A., Kaduszkiewicz, H., Wiese, B., Moor, L., Bock, J. O., König, H. H., & Riedel-Heller, S. G. (2016). Unmet care needs of the oldest old with late-life depression: A comparison of patient, caring relative and general practitioner perceptions – Results of the

- AgeMooDe study. *Journal of affective disorders*, 205, 182–189.
<https://doi.org/10.1016/j.jad.2016.07.001>
- 197 Stobbe, J., Wierdsma, A. I., Kok, R. M., Kroon, H., Depla, M., & Mulder, C. L. (2015). Decrease in unmet needs contributes to improved motivation for treatment in elderly patients with severe mental illness. *Social psychiatry and psychiatric epidemiology*, 50(1), 125–132. <https://doi.org/10.1007/s00127-014-0918-9>
 - 198 Straalman, J., Swildens, W. E., & Braam, A. W. (2022). Migratieachtergrond en zorgbehoeften bij patiënten met een ernstige psychiatrische aandoening [Migration background and care needs of patients with severe mental illness: an empirical exploration]. *Tijdschrift voor psychiatrie*, 64(7), 431–438.
 - 199 Talina, M., Thomas, S., Cardoso, A., Aguiar, P., Caldas de Almeida, J. M., & Xavier, M. (2013). CANFOR Portuguese version: validation study. *BMC psychiatry*, 13, 157. <https://doi.org/10.1186/1471-244X-13-157>
 - 200 Thomas, S. D., Slade, M., McCrone, P., Harty, M. A., Parrott, J., Thornicroft, G., & Leese, M. (2008). The reliability and validity of the forensic Camberwell Assessment of Need (CANFOR): a needs assessment for forensic mental health service users. *International journal of methods in psychiatric research*, 17(2), 111–120.
<https://doi.org/10.1002/mpr.235>
 - 201 Thornicroft, G., Becker, T., Knapp, M., Knudsen, H. C., Schene, A., Tansella, M., Vazquez-Barquero, J. L., & European Psychiatric Services Inputs Linked to Outcome Domains and Needs (2002). The conduct of successful multi-site EU collaborative research: the EPSILON Study. *Epidemiologia e psichiatria sociale*, 11(1), 2–5.
 - 202 Trauer, T., & Tobias, G. (2004). The Camberwell Assessment of Need and Behaviour and Symptom Identification Scale as routine outcome measures in a psychiatric disability rehabilitation and support service. *Community mental health journal*, 40(3), 211–221. <https://doi.org/10.1023/b:comh.0000026995.17908.06>
 - 203 Trauer, T., Tobias, G., & Slade, M. (2008). Development and evaluation of a patient-rated version of the Camberwell Assessment of Need short appraisal schedule (CANSAS-P). *Community mental health journal*, 44(2), 113–124.
<https://doi.org/10.1007/s10597-007-9101-z>
 - 204 Tremblay, J., Bamvita, J. M., Grenier, G., & Fleury, M. J. (2014). Utility of the Montreal assessment of need questionnaire for community mental health planning. *The Journal of nervous and mental disease*, 202(9), 677–687.
<https://doi.org/10.1097/NMD.0000000000000180>
 - 205 Urbanoski, K. A., Mulsant, B. H., Willett, P., Ehtesham, S., & Rush, B. (2012). Real-world evaluation of the Resident Assessment Instrument-Mental Health assessment system. *Canadian journal of psychiatry. Revue canadienne de psychiatrie*, 57(11), 687–695. <https://doi.org/10.1177/070674371205701106>
 - 206 Uygur, A. B., & Esen Danacı, A. (2019). Şizofreni Hastalarının İhtiyaçları ve Öngörülebilirliği [Needs of Patients with Schizophrenia and Their Predictors]. *Türk psikiyatri dergisi = Turkish journal of psychiatry*, 30(3), 180–190.

- 207 van den Brink, R. H., Hooijschuur, A., van Os, T. W., Savenije, W., & Wiersma, D. (2010). Routine violence risk assessment in community forensic mental healthcare. *Behavioral sciences & the law*, 28(3), 396–410. <https://doi.org/10.1002/bsl.904>
- 208 van den Brink, R., Troquete, N., Kwee, G., Schram, A. M., van Os, T., & Wiersma, D. (2007). Routine risk assessment and care evaluation in outpatient forensic psychiatry; feasibility, predictive validity, and outline of a RCT. *BMC Psychiatry*, 7(Suppl 1), S153. <https://doi.org/10.1186/1471-244X-7-S1-S153>
- 209 van Haaster, I., Lesage, A. D., Cyr, M., & Toupin, J. (1994). Problems and needs for care of patients suffering from severe mental illness. *Social psychiatry and psychiatric epidemiology*, 29(3), 141–148. <https://doi.org/10.1007/BF00796495>
- 210 van Vugt, M. D., Kroon, H., Delespaul, P. A., Dreef, F. G., Nugter, A., Roosenschoon, B. J., van Weeghel, J., Zoeteman, J. B., & Mulder, C. L. (2011). Assertive community treatment in the Netherlands: outcome and model fidelity. *Canadian journal of psychiatry. Revue canadienne de psychiatrie*, 56(3), 154–160. <https://doi.org/10.1177/070674371105600305>
- 211 Veltro, F., Magliano, L., Lobracc, S., & Morosini, P. L. (1993). Severely and persistently mentally ill patients in Italy: an overview of epidemiological and psychosocial findings. *The International journal of social psychiatry*, 39(4), 285–302. <https://doi.org/10.1177/002076409303900405>
- 212 Vijverberg, R., Ferdinand, R., Beekman, A., & van Meijel, B. (2020). Unmet care needs of children with ADHD. *PloS one*, 15(1), e0228049. <https://doi.org/10.1371/journal.pone.0228049>
- 213 Vijverberg, R., Ferdinand, R., Beekman, A., & van Meijel, B. (2021). Agreement between patients and mental healthcare providers on unmet care needs in child and adolescent psychiatry. *Social psychiatry and psychiatric epidemiology*, 56(11), 2005–2015. <https://doi.org/10.1007/s00127-020-01969-8>
- 214 Vorstenbosch, E., & Castelletti, L. (2020). Exploring Needs and Quality of Life of Forensic Psychiatric Inpatients in the Reformed Italian System, Implications for Care and Safety. *Frontiers in psychiatry*, 11, 258. <https://doi.org/10.3389/fpsy.2020.00258>
- 215 Watt, B. D., Robin, G., Fleming, L., & Graf, E. (2013). Complex needs assessment panel and integrated support: Description and initial evaluation. *Advances in Mental Health*, 11(2), 152–156. <https://doi.org/10.5172/jamh.2013.11.2.152>
- 216 Wennström, E., Berglund, L., & Lindbäck, J. (2010). The Met Needs Index: a new metric for outcome assessment in mental health services. *Social psychiatry and psychiatric epidemiology*, 45(3), 425–432. <https://doi.org/10.1007/s00127-009-0080-y>
- 217 Wennström, E., Berglund, L., Lindbäck, J., & Wiesel, F. A. (2008). Deconstructing the 'black box' of the Camberwell assessment of need score in mental health services evaluation. *Social psychiatry and psychiatric epidemiology*, 43(9), 714–719. <https://doi.org/10.1007/s00127-008-0354-9>
- 218 Wennström, E., Sörbom, D., & Wiesel, F. A. (2004). Factor structure in the Camberwell Assessment of Need. *The British journal of psychiatry: the journal of mental science*, 185, 505–510. <https://doi.org/10.1192/bjp.185.6.505>

- 219 Wennström, E., & Wiesel, F. A. (2006). The Camberwell assessment of need as an outcome measure in routine mental health care. *Social psychiatry and psychiatric epidemiology*, 41(9), 728–733. <https://doi.org/10.1007/s00127-006-0084-9>
- 220 Werner S. (2012a). Needs assessment of individuals with serious mental illness: can it help in promoting recovery?. *Community mental health journal*, 48(5), 568–573. <https://doi.org/10.1007/s10597-011-9478-6>
- 221 Werner S. (2012b). Subjective well-being, hope, and needs of individuals with serious mental illness. *Psychiatry research*, 196(2-3), 214–219. <https://doi.org/10.1016/j.psychres.2011.10.012>
- 222 Wiersma D. (2006). Needs of people with severe mental illness. *Acta psychiatrica Scandinavica. Supplementum*, (429), 115–119. <https://doi.org/10.1111/j.1600-0447.2005.00728.x>
- 223 Wiersma, D., & van Busschbach, J. (2001). Are needs and satisfaction of care associated with quality of life? An epidemiological survey among the severely mentally ill in the Netherlands. *European archives of psychiatry and clinical neuroscience*, 251(5), 239–246. <https://doi.org/10.1007/s004060170033>
- 224 Wiersma, D., van den Brink, R., Wolters, K., McCabe, R., Bullenkamp, J., Hansson, L., Lauber, C., Martinez-Leal, R., Rössler, W., Salize, H., Björkman, T., Torres-Gonzales, F., Wright, D. J., & Priebe, S. (2009). Individual unmet needs for care: are they sensitive as outcome criterion for the effectiveness of mental health services interventions?. *Social psychiatry and psychiatric epidemiology*, 44(4), 317–324. <https://doi.org/10.1007/s00127-008-0432-z>
- 225 Wiersma, D., Nienhuis, F. J., Giel, R., de Jong, A., & Slooff, C. J. (1996). Assessment of the need for care 15 years after onset of a Dutch cohort of patients with schizophrenia, and an international comparison. *Social psychiatry and psychiatric epidemiology*, 31(3-4), 114–121. <https://doi.org/10.1007/BF00785757>
- 226 Wiersma, D., Nienhuis, F. J., Giel, R., & Slooff, C. J. (1998). Stability and change in needs of patients with schizophrenic disorders: a 15- and 17-year follow-up from first onset of psychosis, and a comparison between 'objective' and 'subjective' assessments of needs for care. *Social psychiatry and psychiatric epidemiology*, 33(2), 49–56. <https://doi.org/10.1007/s001270050022>
- 227 Wong, A. H., Tsang, H. W., Li, S. M., Fung, K. M., Chung, R. C., Leung, A. Y., & Yiu, M. G. (2011). Development and initial validation of Perceived Rehabilitation Needs Questionnaire for people with schizophrenia. *Quality of life research: an international journal of quality of life aspects of treatment, care and rehabilitation*, 20(3), 447–456. <https://doi.org/10.1007/s11136-010-9767-5>