

Bedömningsinstrumentet Brief Child and Family Phone Interview (BCFPI) för triagering av barn och unga

Fråga

Vilken sammanställd forskning eller vetenskapliga studier finns om effekt eller tillförlitlighet av bedömningsinstrumentet Brief Child and Family Phone Interview (BCFPI) för triagering av barn och unga inom psykiatrisk vård?

Frågeställare: Utredare, Socialstyrelsen

Bakgrund

Socialstyrelsen ska utvärdera arbetssättet *En väg in* inom barn- och ungdomspsykiatri. I uppdraget ingår bland annat att utvärdera det vetenskapliga stödet av arbetssättet samt att uppmärksamma erfarenheter av arbetssättet. Redovisningen ska innehålla förslag på fortsatta utvecklingsbehov inom området. Vid genomförandet av uppdraget ska Socialstyrelsen bland annat inhämta kunskap och erfarenheter från SBU.

I en rapport från Sveriges kommuner och regioner (SKR) från år 2022 fann man att man i många regioner använder den strukturerade frågemallen The Brief Child and Family Phone Interview (BCFPI) för strukturerad bedömning av barnets mående och situation, och som stöd vid triagering [1].

Frågeställning och avgränsningar

Upplysningstjänsten har tillsammans med frågeställaren formulerat frågan enligt följande PICO¹:

Population:	Barn/unga eller deras föräldrar som söker vårdkontakt med barn- och ungdomspsykiatri
Intervention:	Brief Child and Family Phone Interview (BCFPI)
Control/Jämförelse:	Annat strukturerat, semi-strukturerat eller icke-strukturerat tillvägagångssätt att ta emot och bedöma behov eller vårdnivå (personligt besök eller annat)/annan bedömningsmetod
Outcome:	Tid till fast vårdkontakt, tid till diagnos, tid till insats, status efter uppföljning, korrelation, eller diagnostisk tillförlitlighet

Upplysningstjänsten har gjort sökningar (Bilaga 1) i databaserna Medline (Ovid), PsycInfo och Scopus.

Vi har även handsökt publikationer på webbsidor för regionala HTA²-organisationer och myndigheter.

Resultat från sökningen

Upplysningstjänstens litteratursökning genererade totalt 14 artikelsammanfattningar (abstrakt) efter dubblettkontroll. Två utredare på SBU läste alla artiklar i fulltext och tio artiklar som inte var relevanta för frågan exkluderades. Exkluderade artiklar finns listade i Bilaga 2.

Upplysningstjänsten identifierade ingen relevant systematisk översikt men har inkluderat fyra relevanta artiklar från primärstudier. En kortfattad beskrivning av studiernas interventioner och utfallsmått finns i Tabell 1. SBU har inte bedömt risken för bias i de identifierade primärstudierna och sammanfattar därför inte resultat eller slutsatser.

¹ PICO är en förkortning för patient/population/problem, intervention (insats, behandling)/, comparison/control (jämförelseintervention (insats, behandling)) och outcome (utfallsmått).

² Utvärdering av hälso- och sjukvårdens (och i SBU:s fall socialtjänstens) metoder (engelska: *Health Technology Assessment*)

Tabell 1 Relevanta primärstudier/Table 1 Relevant primary studies.

Included studies	Intervention and control/comparison	Outcome
Andersson et al, 2018 [2] Validity of the Brief Child and Family Phone Interview by comparison with Longitudinal Expert All Data diagnoses in outpatients.	BCFPI compared to the Child Behavior Checklist (CBCL)	Criterion validity
Boyle et al, 2009 [3] The brief child and family phone interview (BCFPI): 2. Usefulness in screening for child and adolescent psychopathology.	BCFPI compared to Diagnostic Interview Schedule for Children Version IV (DISC-IV)	Test–retest reliability
Cook et al, 2013 [4] BCFPI validation for a high-risk high-needs sample of children and youth admitted to tertiary care. Journal of the Canadian Academy of Child and Adolescent Psychiatry.	BCFPI compared to Conners' Parent Rating Scale	Internal consistency and concurrent validity
Wernersson et al, 2020 [5] Evaluation of a new model for assessment and treatment of uncomplicated ADHD - effect, patient satisfaction, and costs.	BCFPI and standardized care compared to treatment as usual	Resource utilization

ADHD = Attention-Deficit Hyperactivity Disorder; **BCFPI** = Brief Child and Family Phone Interview; **CD** = Conduct Disorder; **GAD** = Generalized Anxiety Disorder; **MDD** = Major Depressive Disorder; **ODD** = Oppositional Defiant Disorder; **SAD** = Separation Anxiety Disorder

Lästips

Bland sökträffarna fanns även två studier som inte överensstämde med de uppställda kriterierna men som ändå kan vara av intresse. Dessa studier utvärderade sambandet mellan bedömningsinstrumentet Child and Youth Mental Health Screener (ChYMH-S) och en del subskalor av BCFPI [6, 7].

Projektgrupp

Detta svar är sammanställt av Shahrzad Kia Komujuni (utredare), Sara Fundell (projektadministratör), Irene Edebert (utredare och produktsamordnare), Maral Jolstedt (intern sakkunnig) samt Pernilla Östlund (avdelningschef) vid SBU.

Referenser

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2. Andersson M, Backstrom M, Ivarsson T, Rastam M, Jarbin H. Validity of the Brief Child and Family Phone Interview by comparison with Longitudinal Expert All Data diagnoses in outpatients. Scand J Child Adolesc Psychiatr Psychol. 2018;6(2):83-90. Available from: <https://doi.org/10.21307/sjcap-2018-009>.
3. Boyle MH, Cunningham CB, Georgiades K, Cullen J, Racine Y, Pettingill P. The brief child and family phone interview (BCFPI): 2. Usefulness in screening for child and adolescent psychopathology. J Child Psychol Psychiatry Allied Discip. 2009;50(4):424-31. Available from: <https://doi.org/10.1111/j.1469-7610.2008.01971.x>.
4. Cook S, Leschied AW, Pierre JS, Stewart SL, den Dunnen W, Johnson AM. BCFPI validation for a high-risk high-needs sample of children and youth admitted to tertiary care. J Can Acad Child Adolesc Psychiatry. 2013;22(2):147-52.
5. Wernersson R, Johansson J, Andersson M, Jarbin H. Evaluation of a new model for assessment and treatment of uncomplicated ADHD - effect, patient satisfaction and costs. Nord J Psychiatry. 2020;74(2):96-104. Available from: <https://doi.org/10.1080/08039488.2019.1674377>.
6. Lau C, Stewart SL, Saklofske DH, Hirdes J. Development and psychometric validation of the interRAI ChYMH externalizing subscale. Clin Child Psychol Psychiatry. 2021;26(1):295-305. Available from: <https://doi.org/10.1177/1359104520963143>.
7. Stewart SL, Hamza CA. The Child and Youth Mental Health Assessment (ChYMH): An examination of the psychometric properties of an integrated assessment developed for clinically referred children and youth. BMC Health Serv Res. 2017;17(1). Available from: <https://doi.org/10.1186/s12913-016-1970-9>.

Bilaga 1 Dokumentation av sökstrategier

Appendix 1 Search strategies

Medline via OvidSP 19 April 24

Title: Brief Child and Family Phone Interview

Search terms	Items found
Intervention:	
1. (brief child and family phone interview).ab,bt,kf,ti	9
Final result	
2.	9

/ = Term from the MeSH controlled vocabulary; **.sh** = Term from the MeSH controlled vocabulary; **exp** = Term from MeSH including terms found below this term in the MeSH hierarchy; **.ti,ab** = Title or abstract; **.tw** = Title or abstract; **.kf** = Keywords; **.kw** = Keywords, exact; **.bt** = Book title. NLM Bookshelf; **.pt** = Publication type; **.ja** = Journal abbreviation; **.af** = All fields; **adjn** = Adjacent. Proximity operator retrieving adjacent words, adj3 retrieves records; with search terms within two terms from each other.

* **or** **\$** = Truncation; " " = Citation Marks; searches for an exact phrase

Scopus via scopus.com 19 April 24

Title: Brief Child and Family Phone Interview

Search terms		Items found
Intervention:		
1.	TITLE-ABS-KEY ("brief child and family phone interview")	12
Final result		
2.		12

TITLE-ABS-KEY = Title, abstract or keywords (including indexed keywords and author keywords); **ALL** = All fields;
W/n = Within. Proximity operator retrieving terms within *n* words from each other; **PRE/n** = Precedes by. Proximity operator, the first term in the search must precede the second by *n* words; **LIMIT-TO (X)** = Includes only results of specified type, e.g., publication type or time range; **DOCTYPE** = Publication type; **"re"** = review; **"le"** = letter; **"ed"** = editorial; **"ch"** = book chapter; **"cp"** = conference proceedings; ***** = Truncation; **" "** = Citation Marks; searches for an exact phrase

PSYCINFO via EBSCO 19 April 24

Title: brief child and family phone interview

Search terms		Items found
Intervention:		
1.	SU ("brief child and family phone interview") OR TI("brief child and family phone interview") OR AB("brief child and family phone interview")	10
Final result		
2.		10

TI = Title; **AB** = Abstract; **SU** = Keyword, exact or part (including all other fields for indexed and author keywords); **DE** = Exact keyword; **TX** = All text; **MR** = Methodology; **Nn** = Near. Proximity operator retrieving terms within *n* words from each other; ***** = Truncation; **" "** = Citation Marks; searches for an exact phrase

Bilaga 2 Exkluderade artiklar

Appendix 2 Excluded articles

Artiklar som exkluderats efter fulltextläsning på grund av bristande relevans

Articles excluded after full text assessment of relevance

Excluded articles	Reason for exclusion
Systematic reviews	
Andersson C, Danielsson S, Silfverberg-Dymling G, Londahl G, Johansson BA. Evaluation of Interactive Voice Response (IVR) and postal survey in follow-up of children and adolescents discharged from psychiatric outpatient treatment: a randomized controlled trial. SpringerPlus. 2014;3:77. Available from: https://dx.doi.org/10.1186/2193-1801-3-77 .	Wrong intervention
Battista SR, Pencer A, McGonnell M, Durdle H, Stewart SH. Relations of Personality to Substance Use Problems and Mental Health Disorder Symptoms in Two Clinical Samples of Adolescents. Int J Ment Health Addict. 2013;11(1):1-12. Available from: https://doi.org/10.1007/s11469-012-9395-0 .	Wrong outcome
Bova DL. Differential item and test functioning of the brief child and family phone interview in first nations and non-first nations children and adolescents: ProQuest Information & Learning; 2007. Available from: https://search.ebscohost.com/login.aspx?direct=true&db=psyh&AN=2007-99012-263&site=ehost-live .	Wrong study design
Cunningham CE, Boyle MH, Hong S, Pettingill P, Bohaychuk D. The brief child and family phone interview (BCFPI): 1. Rationale, development, and description of a computerized children's mental health intake and outcome assessment tool. J Child Psychol Psychiatry Allied Discip. 2009;50(4):416-23. Available from: https://doi.org/10.1111/j.1469-7610.2008.01970.x .	Wrong outcome
den Dunnen W, Stewart SL, Currie M, Willits E, Baiden P. Predictors of out-of-home placement following residential treatment. Child Youth Serv Rev. 2013;35(3):518-24. Available from: https://doi.org/10.1016/j.childyouth.2012.12.023 .	Wrong population
Kristen A, Salari R, Moretti M, Osman F. Attachment and trauma-informed programme to support forcibly displaced parents of youth in Sweden: Feasibility and preliminary outcomes of the eConnect Online programme. BMJ Open. 2023;13(8). Available from: https://doi.org/10.1136/bmjopen-2023-072368 .	Wrong study design
Lau C, Stewart SL, Saklofske DH, Hirdes J. Development and psychometric validation of the interRAI ChYM externalizing subscale. Clin Child Psychol Psychiatry. 2021;26(1):295-305. Available from: https://doi.org/10.1177/1359104520963143 .	Wrong intervention
Shanley DC, Reid GJ. The impact of parents' illness representations on treatment acceptability for child mental health problems. J Emot Behav Disord. 2015;23(2):115-27. Available from: https://doi.org/10.1177/1063426614532832 .	Wrong study design

Excluded articles	Reason for exclusion
Shi L, Chen W, Bouey JH, Lin Y, Ling L. Impact of acculturation and psychological adjustment on mental health among migrant adolescents in Guangzhou, China: A cross-sectional questionnaire study. BMJ Open. 2019;9(5). Available from: https://doi.org/10.1136/bmjopen-2018-022712 .	Wrong study design
Stewart SL, Hamza CA. The Child and Youth Mental Health Assessment (ChYMH): An examination of the psychometric properties of an integrated assessment developed for clinically referred children and youth. BMC Health Serv Res. 2017;17(1). Available from: https://doi.org/10.1186/s12913-016-1970-9 .	Wrong intervention