

Oxford Journals > Medicine > Journal of Pediatric Psychology > Volume 31, Number 5 > Pp. 437-451

[Next Article](#) ►

Journal of Pediatric Psychology Advance Access originally published online on September 14, 2005

Journal of Pediatric Psychology 2006 31(5):437-451; doi:10.1093/jpepsy/jsj079

© The Author 2005. Published by Oxford University Press on behalf of the Society of Pediatric Psychology. All rights reserved. For permissions, please e-mail: journals.permissions@oupjournals.org

Scholarly Literature Review: Efficacy of Psychological Interventions for Pediatric Chronic Illnesses

Ivan L. Beale, PhD

School of Psychology, University of New South Wales

All correspondence concerning this article should be addressed to Ivan L. Beale, School of Psychology, University of New South Wales, Sydney 2052, Australia. E-mail: ibeale@psy.unsw.edu.au

Received February 28, 2005; revision received June 20, 2005; accepted August 23, 2005

Objective To review empirical studies of the efficacy of psychological interventions as adjuvant therapies for children with pediatric diabetes, cancer, cystic fibrosis, and sickle cell disease. **Methods** A search was conducted for qualifying studies published since 1980. Only studies meeting basic criteria for external and internal validity were included. Nineteen studies were identified, providing data on 62 outcome variables. Effect sizes (ESs) were analyzed by illness type, intervention type, and strength of internal and external validity of the research design. **Results** Overall, interventions were associated with large ESs, which were not significantly moderated by illness type or intervention type. However, larger ESs were associated with lower scores on validity of research design. **Conclusions** Adjuvant psychological interventions for pediatric chronic illnesses appear in general to be efficacious, associated with a large mean ES across a range of outcome variables. However, until more studies have been completed using stronger research designs, only tentative conclusions can be drawn.

Key words: effect size; intervention; pediatric chronic illness; validity.

This Article

- ▶ [Full Text](#) **FREE**
- ▶ [FREE Full Text \(PDF\)](#) **FREE**
- ▶ All Versions of this Article:
31/5/437 *most recent*
[jsj079v1](#)
- ▶ [Alert me when this article is cited](#)
- ▶ [Alert me if a correction is posted](#)

Services

- ▶ [Email this article to a friend](#)
- ▶ [Similar articles in this journal](#)
- ▶ [Similar articles in ISI Web of Science](#)
- ▶ [Similar articles in PubMed](#)
- ▶ [Alert me to new issues of the journal](#)
- ▶ [Add to My Personal Archive](#)
- ▶ [Download to citation manager](#)
- ▶ Search for citing articles in:
[ISI Web of Science \(2\)](#)
- ▶ [Request Permissions](#)
- ▶ [Disclaimer](#)

Google Scholar

- ▶ [Articles by Beale, I. L.](#)
- ▶ [Search for Related Content](#)

PubMed

- ▶ [PubMed Citation](#)
- ▶ [Articles by Beale, I. L.](#)

Social Bookmarking



[What's this?](#)

This article has been cited by other articles:



S. Kahana, D. Drotar, and T. Frazier
Meta-Analysis of Psychological Interventions to Promote Adherence
to Treatment in Pediatric Chronic Health Conditions
J. Pediatr. Psychol., January 11, 2008; (2008) jsm128v1.
[\[Abstract\]](#) [\[Full Text\]](#) [\[PDF\]](#)

Disclaimer:

Please note that abstracts for content published before 1996 were created through digital scanning and may therefore not exactly replicate the text of the original print issues. All efforts have been made to ensure accuracy, but the Publisher will not be held responsible for any remaining inaccuracies. If you require any further clarification, please contact our [Customer Services Department](#).

Online ISSN 1465-735X - Print ISSN 0146-8693

Copyright © 2008 [Society of Pediatric Psychology](#)

OXFORD JOURNALS
OXFORD UNIVERSITY PRESS



[Site Map](#) [Privacy Policy](#) [Frequently Asked Questions](#)

Other Oxford University Press sites: