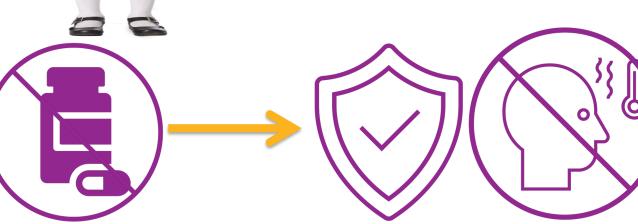
Efficacy of Non-Pharmacological Persistent Pain Treatments for Youth Ages 6 to 21 with Mental Health Comorbidities (Systematic Review)

Dass, R., Tendera, A., Baerveldt, A., Beal, D., Lewis, I.

BACKGROUND

11-38% of children in **North America** experience chronic pain[1]

17-29% also have mental health comorbidities_[2]



Non pharmacological No side effects

Interdisciplinary

METHODS

Safe

I. IDENTIFICATION

10808 studies from 4 databases

1188 duplicates removed

2. SCREENING

7121 studies screened

2499 studies remaining

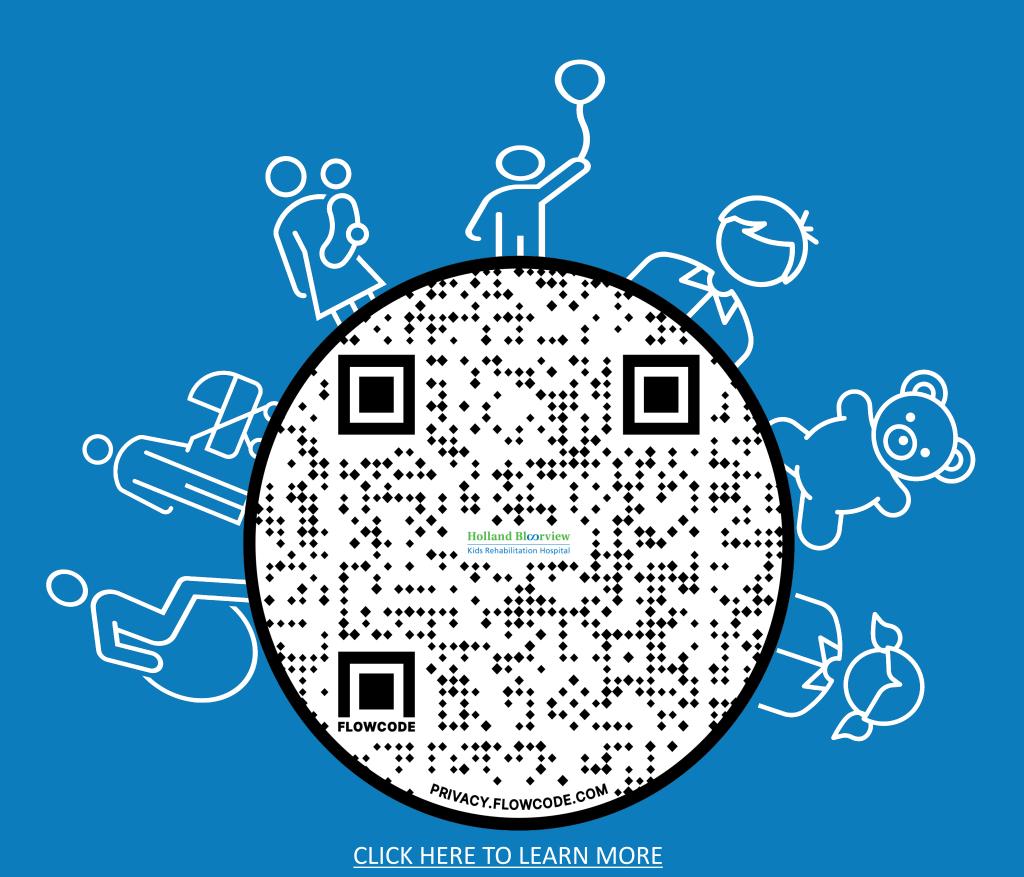
3. INCLUDED FOR FULL TEXT REVIEW (ESTIMATED)

Yes = 20

Maybe = 30

No = 9570

ARE NON-PHARMACOLOGICAL INTERVENTIONS FOR PERSISTENT PAIN EFFECTIVE FOR YOUTH WITH A COMORBID MENTAL HEALTH DISORDER?



OBJECTIVE



intervention

RESULTS

Randomized control trials will be reviewed to extract information on the following treatment outcomes:



Treatment satisfaction



Sleep



Pain intensity



Life satisfaction



emotional or role functioning



Engagement in daily activities

CONCLUSION/NEXT STEPS



1. Formal write up of results



2. Present findings to clinicians at Get Up and Go



3. Knowledge transfer to general public

RELEVANCE

Get Up and Go Program at HB:

2-4 children/month

❖ 85% mental health comorbidity





Innovation and Excellence

Identify areas of improvement for current treatments

Stigma Reduction

Emphasize the relationship between pain and mental health





life...)

Equitable Healthcare

Ensure that the best possible treatment is offered to children with persistent pain and a mental health disorder

Reference: [1] King Chambers, C.T., Huguet, A., MacNevin, R.C., McGrath, P.J., Parker, L. and MacDonald, A.J S. The Epidemiology of Persistent Pain in Children and Adolescents Revisited: A Systematic Review. Pain. 2011;12(152):2729-2738. doi:10.1016/j.pain.2011.07.016

[2] Hooten M. Chronic Pain and Mental Health Disorders Shared Neural Mechanisms, Epidemiology, and Treatment. Pain Med. 2016;91(7):955-970. doi:10.1016/j.mayocp.2016.04.029

Cids Rehabilitation Hospital

Solution Control Control

& mental health disorder