



KSR Ltd

## Introducing KSR Pain Evidence: A database of critically appraised systematic reviews in the field of pain relief

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# Introduction to KSR Pain Evidence

A comprehensive user-friendly source of information on pain.

## Key features:

- Systematic searches & screening
- Critical appraisals of systematic reviews (based on ROBIS)
- Clinically focused bottom-line
- Relevant RCTs from PubMed

Target audience: Clinicians; guideline writers; systematic reviewers; researchers; health managers; health commissioners; patients; carers and general public.



## Search filters

### Publication Type

**KSR Critical Appraisal** 418

**RCT** 6,255

### Risk Of Bias Assessment

**Low** 141

**Unclear** 26

**High** 251

### Text Availability

**Abstract available** 6,608

**Free full text available** 1,688

**Full text available** 6,022

### Date

**Past 5 Years**

**Past 10 Years**

**Published Between:**

2010

2015

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## KSR Critical Appraisals

### Comparison of conventional and high-sensitivity troponin in patients with chest pain: a collaborative meta-analysis

Lipinski, M. J., Baker, N. C., Escarcega, R. O., Torguson, R., Chen, F., Aldous, S. J., Christ, M., Collinson, P. O., Goodacre, S. W., Mair, J., et al

Am Heart J. 2015;169(1):6-16.e6

[Bottom Line](#) [Risk of Bias Assessment](#)

### Pain catastrophizing as a risk factor for chronic pain after total knee arthroplasty: a systematic review

Burns, L. C., Ritvo, S. E., Ferguson, M. K., Clarke, H., Seltzer, Z., Katz, J.

J Pain Res. 2015;8:21-32

[Bottom Line](#) [Risk of Bias Assessment](#)

### The curveball as a risk factor for injury: a systematic review

Grantham, W. J., Iyengar, J. J., Byram, I. R., Ahmad, C. S.

Sports Health. 2015;7(1):19-26

[Bottom Line](#) [Risk of Bias Assessment](#)

## More KSR Critical Appraisals

Page 1 of 668 pages

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**Select all** [Clear all selections](#)

**Sort by** Date ▾

**1. The Chitranjan Ranawat Award: Periarticular injections and femoral & sciatic blocks provide similar pain relief after TKA: a randomized clinical trial**

Spanghel, M. J., Clarke, H. D., Hentz, J. G., Misra, L., Blocher, J. L., Seamans, D. P.

Clin Orthop Relat Res. 2015;473(1):45-53

[Abstract](#) [Full text](#)

**2. Pregnancy Research on Osteopathic Manipulation Optimizing Treatment Effects: the PROMOTE study**

Hensel, K. L., Buchanan, S., Brown, S. K., Rodriguez, M., Crusier d, A.

Am J Obstet Gynecol. 2015;212(1):108 e1-9

# KSR Critical Appraisal

**KSR Number:** KSR535

## Sling exercise for chronic low back pain: A systematic review and meta-analysis

PLoS One. 2014;9(6)

[Yue, Y. S.](#) ; [Wang, X. D.](#) ; [Xie, B.](#) ; [Li, Z. H.](#) ; [Chen, B. L.](#) ; [Wang, X. Q.](#) ; [Zhu, Y.](#)

### Bottom Line

Limited evidence, from two small, low quality studies suggests that sling exercise may be more effective in reducing low back pain than thermomagnetic therapy. There was no evidence of clinically relevant differences between sling exercise and other forms of exercise, or traditional Chinese therapies. The review was generally well conducted and the authors' conclusions were appropriately cautious.

### Risk of Bias Assessment



#### Overall summary

All domains were considered rated as low risk of bias, suggesting no substantial limitations with the review process.

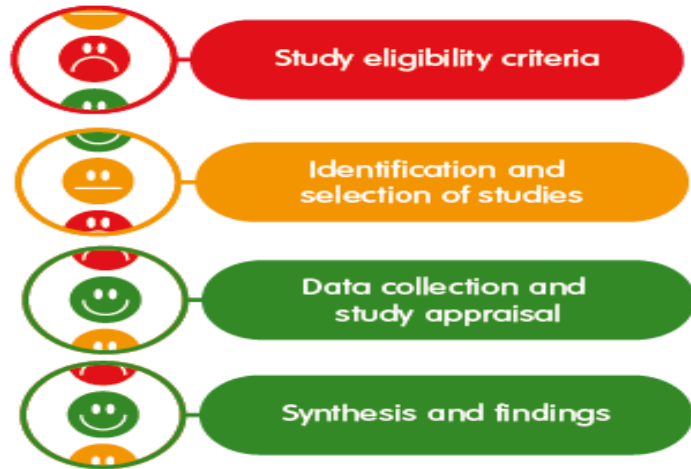
A. Did the interpretation of findings address all of the concerns identified in Domains 1 to 4?	Probably yes
B. Was the relevance of identified studies to the review's research question appropriately considered?	Probably yes
C. Did the reviewers avoid emphasizing results on the basis of their statistical significance?	Probably yes

**Risk of bias in the review**

**Low Risk**

[Click here for Full Risk of Bias Assessment](#)

# Full Risk of Bias Assessment



## DOMAIN 1: STUDY ELIGIBILITY CRITERIA

There were insufficient details about the eligibility criteria. In particular, no details were provided about study designs and outcomes. No restrictions based on study characteristics or sources of information were reported. No language restrictions were applied.

1.1 Did the review adhere to pre-defined objectives and eligibility criteria?	Probably yes
1.2 Were the eligibility criteria appropriate for the review question?	Probably no
1.3 Were eligibility criteria unambiguous?	Probably no
1.4 Were all restrictions in eligibility criteria based on study characteristics appropriate (e.g. date, sample size, study quality, outcomes measured)?	Yes
1.5 Were any restrictions in eligibility criteria based on sources of information appropriate (e.g. publication status or format, language, availability of data)?	Yes
<b>Concerns regarding specification of study eligibility criteria</b>	<b>High</b>

## DOMAIN 2: IDENTIFICATION AND SELECTION OF STUDIES

Literature searches were conducted in MEDLINE, EMBASE and the Cochrane Central Register of Controlled Trials. Additional attempts were made to locate the relevant studies. The full search strategy was not provided. Judging only by the

# Added value



- Time saving resource for busy clinicians, health care professionals and decision makers etc.
  - Searched wide range of databases
  - Summary AND critical appraisal of systematic reviews
  - A “bottom line” with the key clinically relevant implications of the reported results
  - Information on the reliability of the results.
  
- We plan to extend KSR Evidence to all published systematic reviews in the near future.

Thank you



- To find out more about KSR Pain Evidence and register for a free trial, please email [info@evidentiapublishing.com](mailto:info@evidentiapublishing.com) or visit <http://evidentiapublishing.com/ksrpainevidence>
- For additional information, please visit: [www.systematic-reviews.com/ksr-evidence/](http://www.systematic-reviews.com/ksr-evidence/)
- For more details on search methods: Visit our poster no P2-118, title “**Finding systematic reviews on pain: building the KSR Pain Evidence database**”.