

INPLASY PROTOCOL

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Conflicts of interest:
None declared.

Acupoint catgut embedding reduces postoperative pain of mixed hemorrhoids: a meta-analysis of randomized controlled trials

Luo, J¹; Zhang, C²; Xia, M³; Chen, Y⁴.

Review question / Objective: Can acupoint catgut embedding alleviate postoperative pain of mixed hemorrhoids?

Condition being studied: Mixed hemorrhoids.

Information sources: Two authors (JL and CZ) will examine the publications independently and extract data according to predefined criteria. RCTs will be assessed for the methodology, study design, inclusion and exclusion criteria, and outcome measures. The methodological quality of each RCT will be recorded for method of randomization, blinding, protocol violation, and allocation concealment. Any disagreement will be resolved by consensus discussions with the senior member of the review team (MJX and YLC). Data to collect includes intervention and control measures, measured outcomes and statistical significant difference with regards to chewing gum.

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 09 February 2022 and was last updated on 09 February 2022 (registration number INPLASY202220021).

INTRODUCTION

Review question / Objective: Can acupoint catgut embedding alleviate postoperative pain of mixed hemorrhoids?

Condition being studied: Mixed hemorrhoids.

METHODS

Search strategy: Mixed hemorrhoids AND Acupoint Catgut Embedding search strategy
#1 "Hemorrhoids"[Mesh]
#2 "Hemorrhoid"[Title / Abstract] OR
"Mixed hemorrhoids"[Title / Abstract]
#3 #1 OR #2

#4 “Acupuncture”[MeSH]
OR “acupotomy” [Title/Abstract]OR
“acupotomies”[Title/Abstract] OR
“acupoint” [Title/Abstract]OR “acupoint
catgut embedding” [Title/Abstract] OR
“acupoint thread embedding”[Title/
Abstract] OR “catgut implantation” [Title/
Abstract] OR “acupoints thread
embedding”[Title/Abstract]OR “catgut
embedding” [Title/Abstract] OR
“embedding therapy”[Title/Abstract] OR
“thread-embedding” [Title/Abstract]

#5#3 AND #4

#6 “Analgesia” [MeSH]
OR “analgesi*” [Title/Abstract] OR “pain*”
[Title/Abstract]OR “relie*” [Title/Abstract]
OR “sufentanil” [Title/Abstract] OR
“fentanyl” [Title/Abstract] OR “lornoxiam”
[Title/Abstract] OR “tramadol” [Title/
Abstract] OR “ketamine” [Title/Abstract]
OR “flurbiprofen”[Title/Abstract]
OR “morphine” [Title/Abstract] OR
“morphia”[Title/Abstract] OR “morphina ”
#7 #5 AND #6.

Participant or population: Patients who
with mixed hemorrhoids hyperlipidemia.

Intervention: Acupoint Catgut Embedding.

Comparator: Analgesic.

Study designs to be included: RCT.

Eligibility criteria: Cohort studies and other
studies were excluded.

Information sources: Two authors (JL and
CZ) will examine the publications
independently and extract data according
to predefined criteria. RCTs will be
assessed for the methodology, study
design, inclusion and exclusion criteria,
and outcome measures. The
methodological quality of each RCT will be
recorded for method of randomization,
blinding, protocol violation, and allocation
concealment Any disagreement will be
resolved by consensus discussions with
the senior member of the review team (MJX
and YLC). Data to collect includes
intervention and control measures,
measured outcomes and statistical

significant difference with regards to
chewing gum.

Main outcome(s): The relationship between
mixed hemorrhoids and acupoint catgut
embedding.

Additional outcome(s): None.

Quality assessment / Risk of bias analysis:
Any disagreement will be resolved by
consensus discussions with the senior
member of the review team (MJXand YLC).

Strategy of data synthesis: Using the
standard method recommended by the
Cochrane Collaboration, the outcome index
included in the meta-analysis was pain. The
random-effect model was predetermined to
be most suitable for this meta-analysis,
considering both catgut embedding and
analgesia.

Subgroup analysis: Comparison of different
points and drug method.

Sensitivity analysis: Have sensitivity
analysis.

Language: English.

Country(ies) involved: China.

Keywords: acupoint catgut embedding,
Analgesic, Mixed hemorrhoids.

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