INPLASY PROTOCOL

To cite: Zhang et al. The Role of Sympathetic Nerves in Osteoporosis: A Narrative Review. Inplasy protocol 2022120079. doi: 10.37766/inplasy2022.12.0079

Received: 19 December 2022

Published: 19 December 2022

Corresponding author:
Qingquan Kong

kqqspine@126.com

Author Affiliation:
West China Hospital

Support: **Science and Technology Major Project of Tibetan Autonomous Region of China (XZ202201ZD0001G).**

Review Stage at time of this submission: **Completed but not published.**

Conflicts of interest:
None declared.

The Role of Sympathetic Nerves in Osteoporosis: A Narrative Review

Zhang, WF[1]; Liu, YH[2]; Xu, JX[3]; Fan, C[4]; Zhang, N[5]; Feng, P[6]; Wang, Y[7]; Kong, QQ[8].

Review question / Objective: **Aiming to provide information for future use of targeting sympathetic nerves in osteoporosis.**
Condition being studied: **Osteoporosis.**
Eligibility criteria: **We included only publications published in English and selected those findings that were, in our opinion, the most important. we further analyzed these articles, we mainly selected papers from the past 5 years, but also include well-respected older publications.**

INPLASY registration number: This protocol was registered with the International Platform of Registered Systematic Review and Meta-Analysis Protocols (INPLASY) on 19 December 2022 and was last updated on 19 December 2022 (registration number INPLASY2022120079).

INTRODUCTION

Review question / Objective: **Aiming to provide information for future use of targeting sympathetic nerves in osteoporosis.**

Condition being studied: **Osteoporosis.**

METHODS

Participant or population: **Osteoporosis.**

Intervention: **"sympathetic nerve" and "osteoporosis", "sympathetic nerve" and " osteoblast ".**

Comparator: "sympathetic nerve" and "osteoporosis".

Study designs to be included: "sympathetic nerve" and "osteoporosis".

Eligibility criteria: We included only publications published in English and selected those findings that were, in our opinion, the most important. we further analyzed these articles, we mainly selected papers from the past 5 years, but also include well-respected older publications.

Information sources: PUBMED and MEDLINE.

Main outcome(s): Provide information for future use of targeting sympathetic nerves in osteoporosis.

Quality assessment / Risk of bias analysis: Risk of bias control.

Strategy of data synthesis: Strictly control the included documents

Subgroup analysis: "sympathetic nerve" and "osteoporosis", "sympathetic nerve" and " osteoblast ", "sym-pathetic nerve" and " osteoclast ".

Sensitivity analysis: None reported.

Country(ies) involved: China.

Keywords: Sympathetic Nerves Osteoporosis.

Contributions of each author:
Author 1 - Weifei Zhang.
Author 2 - Yuheng Liu.
Author 3 - Jixuan Xu.
Author 4 - Chen Fan.
Author 5 - Bin Zhang.
Author 6 - Pin Feng.
Author 7 - Yu Wang.
Author 8 - Qingquan Kong.