INPLASY

The impact of exercise therapy on amyotrophic lateral sclerosis:an umbrella review

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ADMINISTRATIVE INFORMATION

INTRODUCTION

*R*eview question / Objective This study provides an umbrella review of a systematic review and meta-analysis of the effects of exercise on ALS patients.

Condition being studied Amyotrophic lateral sclerosis (ALS) is a chronic neuronal disease caused by damage to motor neurons in the motor cortex and motor neurons in the spinal cord and brain stem. The disease leads to gradual weakness and atrophy of the muscles of the limbs, trunk, chest and abdomen, which affects movement, communication, swallowing and breathing, and eventually leads to death.

METHODS

Participant or population ALS patients.

Intervention Exercise.

Comparator Usual care and so on.

Study designs to be included Systematic review and meta-analysis.

Eligibility criteria None reported.

Information sources Search through pubmed, web of science, CNKI, embase, etc.

Main outcome(s) outcomes included in all studies.

Quality assessment / Risk of bias analysis Qualitative description.

Strategy of data synthesis None reported.

Subgroup analysis None reported.

Sensitivity analysis None reported.

Country(ies) involved China (Southwest university).

Keywords ALS, physical exercise.

Contributions of each author
Author 1 - Hengxu Liu.
Author 2 - Jiong Luo.