

PubMed search strategy

No	Item
#1	randomized controlled trial [pt]
#2	controlled clinical trial [pt]
#3	randomized [tiab]
#4	placebo [tiab]
#5	clinical trials as topic [mesh: noexp]
#6	randomly [tiab]
#7	trial [ti]
#8	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7
#9	animals [mh] NOT humans [mh]
#10	#8 NOT #9
#11	diabetes mellitus [mh]
#12	Diabet* [tiab]
#13	#11 OR #12
#14	peripheral nervous system diseases[mh]
#15	#14 OR (neuropath* OR nervous)[tiab]
#16	#13 AND #15
#17	Low-level light therapy [mh]
#18	(Light Therapies OR Light Therapy OR Low Level Light Therapy OR
#19	Low-Level Light Therapies OR Laser Therapy, Low-Level OR Low-Level Laser Therapies OR Laser Irradiation, Low-Power OR Irradiation, Low-Power Laser OR Low-Power Laser Therapy OR Low Power Laser Therapy OR Laser Therapy, Low-Power OR Laser Therapies, Low-Power OR Laser Therapy, Low Power OR Low-Power Laser OR LLLT OR biostimulation OR phototherapy OR photobiomodulation OR infrared OR photon stimulation) [tiab]
	#10 AND #16 AND #17

[pt] denotes a publication type term;

[ti] denotes a word in the title;

[mh] denotes a Medical Subject Heading (MeSH) term ('exploded');

[mesh: noexp] denotes a Medical Subject Heading (MeSH) term ('exploded')

[tiab] denotes a word in the title or abstract.

Embase search strategy

- #1 'randomized controlled trial'/exp
- #2 'randomization'/exp
- #3 'double blind procedure'/exp
- #4 'single blind procedure'/exp
- #5 random*:ab,ti
- #6 #1 OR #2 OR #3 OR #4 OR #5
- #7 'animal'/exp OR 'animal experiment'/exp
- #8 'human'/exp

#9 #7 AND #8
#10 #7 NOT #9
#11 #6 NOT #10
#12 'clinical trial'/exp
#13 (clin* NEAR/3 trial*):ab,ti
#14 ((singl* OR doubl* OR trebl* OR tripl*) NEAR/3 (blind* OR mask*)):ab,ti
#15 'placebo'/exp
#16 placebo*:ab,ti
#17 random*:ab,ti
#18 'experimental design'/exp
#19 'crossover procedure'/exp
#20 'control group'/exp
#21 'latin square design'/exp
#22 #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21
#23 #22 NOT #10
#24 #23 NOT #11
#25 'comparative study'/exp
#26 'evaluation'/exp
#27 'prospective study'/exp
#28 control*:ab,ti OR prospectiv*:ab,ti OR volunteer*:ab,ti
#29 #25 OR #26 OR #27 OR #28
#30 #29 NOT #10
#31 #30 NOT (#11 OR #23)
#32 #11 OR #24 OR #31
#33 'diabetes mellitus'/exp
#34 Diabet*:ab,ti
#35 #33 OR #34
#36 'peripheral nervous system diseases'/exp
#37 neuropath*:ab,ti OR nervous:ab,ti
#38 #36 OR #37
#39 #35 AND #38
#40 'Low-Level Light Therapy'/exp
#41 (Light Therapies OR Light Therapy OR Low Level Light Therapy OR Low-Level Light Therapies OR Laser Therapy, Low-Level OR Low-Level Laser Therapies OR Laser Irradiation, Low-Power OR Irradiation, Low-Power Laser OR Low-Power Laser Therapy OR Low Power Laser Therapy OR Laser Therapy, Low-Power OR Laser Therapies, Low-Power OR Laser Therapy, Low Power OR Low-Power Laser OR LLLT OR biostimulation OR phototherapy OR photobiomodulation OR infrared OR photon stimulation)*:ab,ti
#42 #40 OR #41
#43 #32 AND #39 AND #42

CENTRAL search strategy

#1MeSH descriptor diabetes mellitus explode all trees

#2(diabet*)

#3 (#1 or #2)

#4MeSH descriptor Peripheral Nervous System Diseases explode all trees

#5(neuropath* or nervous)

#6(#4 or #5)

#7(#3 and #6)

#8 MeSH descriptor: [Low-Level Light Therapy] explode all trees

#9 (Light Therapies OR Light Therapy OR Low Level Light Therapy OR Low-Level Light Therapies OR Laser Therapy, Low-Level OR Low-Level Laser Therapies OR Laser Irradiation, Low-Power OR Irradiation, Low-Power Laser OR Low-Power Laser Therapy OR Low Power Laser Therapy OR Laser Therapy, Low-Power OR Laser Therapies, Low-Power OR Laser Therapy, Low Power OR Low-Power Laser OR LLLT OR biostimulation OR phototherapy OR photobiomodulation OR infrared OR photon stimulation)

#10 #8 and #9

#11 #7 and #10

Web of Science search strategy

#1 TS=(diabetes mellitus) OR TS=(diabet*)

#2 TS=(neuropath*) OR TS=(nervous)

#3 #2 AND #1

#4 TS=(Light Therapies OR Light Therapy OR Low Level Light Therapy OR Low-Level Light Therapies OR Laser Therapy, Low-Level OR Low-Level Laser Therapies OR Laser Irradiation, Low-Power OR Irradiation, Low-Power Laser OR Low-Power Laser Therapy OR Low Power Laser Therapy OR Laser Therapy, Low-Power OR Laser Therapies, Low-Power OR Laser Therapy, Low Power OR Low-Power Laser OR LLLT OR biostimulation OR phototherapy OR photobiomodulation OR infrared OR photon stimulation)

#6 #4 AND #3

China National Knowledge Infrastructure (CNKI)

((TKA='糖尿病') AND (TKA='周围神经病变'+ '神经病变')) OR TKA='DPN') AND (TKA='激光'+ '光疗'+ '光调节'+ '低能量激光'+ '低强度激光'+ '红外'+ '红光'+ '红外线') TKA means title, keyword and abstract

WanFang databases

主题:(激光 or 光疗 or 光调节 or 低能量激光 or 低强度激光 or 红外 or 红光 or 红外线) and((主题:(糖尿病) and 主题:(周围神经病变 or 神经病变)) or 主题:(DPN))

Chinese Scientific Journal Database (VIP)

M=(激光 OR 光疗 OR 光调节 OR 低能量激光 OR 低强度激光 OR 红外 OR 红光 OR 红外线) AND((M=(糖尿病) AND M=(周围神经病变 OR 神经病变)) OR M=(DPN))

M means title or keyword

SinoMed

("激光"[常用字段:智能] OR "光疗"[常用字段:智能] OR "光调节"[常用字段:智能] OR "低能量激光"[常用字段:智能] OR "低强度激光"[常用字段:智能] OR "红外"[常用字段:智能] OR "红光"[常用字段:智能] OR "红外线"[常用字段:智能]) AND(("糖尿病"[常用字段:智能] AND("神经病变"[常用字段:智能] OR "周围神经病变"[常用字段:智能])) OR ("DPN"[常用字段:智能]))

US National Institutes of Health Ongoing Trials Register (ClinicalTrials.gov)

(diabetic OR diabetes OR diabete) AND (Neuropathies OR Neuropathy) AND (Light Therapies OR Photobiomodulation OR laser OR LLLT)

World Health Organization International Clinical Trials Registry Platform

(diabetic OR diabetes) AND (neuropath)AND (Light Therapies OR Photobiomodulation OR OR laser OR LLLT)