Table S1. Database Search Strategy

Databases	13 March 2025
PubMed	("Lasers" [Mesh] OR (Laser) OR (Pulsed Lasers) OR (Laser, Pulsed) OR (Lasers, Pulsed) OR (Pulsed Laser) OR (Continuous Wave Lasers) OR (Continuous Wave Laser) OR (Laser, Continuous Wave) OR (Lasers, Continuous Wave) OR (Q-Switched Lasers) OR (Laser, Q-Switched) OR (Lasers, Q-Switched) OR (Q-Switched Laser) OR (Q Switched Lasers) OR (Masers) OR (Maser) OR "Lasers, Excimer" [Mesh] OR (Laser, Excimer) OR (Excimer Lasers) OR (Excimer Laser) OR (Argon Fluoride Excimer Lasers) OR (Argon Fluoride Lasers) OR (Argon Fluoride Laser) OR (Fluoride Laser, Argon) OR (Fluoride Lasers, Argon) OR (Laser, Argon Fluoride) OR (Lasers, Argon Fluoride) OR (Lasers, Argon Fluoride Excimer) OR (Excimer Lasers, Argon Fluoride) OR (ArF Lasers) OR (ArF Laser) OR (Laser, ArF) OR (Lasers, ArF) OR (ArF Excimer Lasers) OR (ArF Excimer Laser) OR (Excimer Laser, ArF) OR (Laser, ArF Excimer) OR (Excimer Lasers, ArF) OR (Lasers, ArF Excimer) OR (Krypton Chloride Excimer Lasers) OR (Lasers, Krypton Chloride Excimer) OR (Excimer Lasers, Krypton Chloride) OR (KrCl Excimer Lasers) OR (Excimer Lasers, KrCl) OR (Excimer Laser, KrCl) OR (KrCl Excimer Laser) OR (Laser, KrCl Excimer) OR (Lasers, KrCl Excimer) OR (Lasers, KrCl) OR (KrCl Laser) OR (KrCl Lasers) OR (Laser, KrCl) OR (Lasers, Krypton Chloride) OR (Krypton Chloride Lasers) OR (Chloride Laser, Krypton) OR (Chloride Lasers, Krypton) OR (Krypton Chloride Laser) OR (Laser, Krypton Chloride) OR (Xenon Chloride Excimer Lasers) OR (Xenon Chloride Lasers) OR (Excimer Lasers, Xenon Chloride) OR (Lasers, Xenon Chloride) OR (Chloride Lasers, Xenon) OR (Chloride Laser, Xenon) OR (Laser, Xenon Chloride) OR (Xenon Chloride Laser) OR (XeCl Lasers) OR (Lasers, XeCl) OR (Laser, XeCl) OR (XeCl Laser) OR (Lasers, XeCl Excimer) OR (Lasers, Xenon Chloride Excimer) OR (Excimer Lasers, XeCl) OR (Excimer Laser, XeCl) OR (Laser, XeCl Excimer) OR (XeCl Excimer Laser) OR (XeCl Excimer Lasers) OR "Ultraviolet Therapy" [Mesh] OR (Actinotherapy) OR (Actinotherapies) OR (Therapy, Ultraviolet) OR (Therapies, Ultraviolet) OR (Ultraviolet Therapies)) AND ("Vitiligo" [Mesh])) AND (((clinical [Title/Abstract] AND trial [Title/Abstract]) OR clinical trials as topic [MeSH Terms] OR clinical trial [Publication Type] OR random* [Title/Abstract] OR random allocation [MeSH Terms] OR therapeutic use [MeSH Subheading]))
Web of Science	Vitiligo (Topic) AND (Laser) OR (Pulsed Lasers) OR (Laser, Pulsed) OR (Lasers, Pulsed) OR (Pulsed Laser) OR (Continuous Wave Lasers) OR (Continuous Wave Laser) OR (Laser, Continuous Wave) OR (Lasers, Continuous Wave) OR (Q-Switched Lasers) OR (Laser, Q-Switched) OR (Lasers, Q-Switched) OR (Q-Switched Laser) OR (Q Switched Lasers) OR (Masers) OR (Maser) OR (Laser, Excimer) OR (Excimer Lasers) OR (Excimer Laser) OR (Argon Fluoride Excimer Lasers) OR (Argon Fluoride Lasers) OR (Argon Fluoride Laser) OR (Fluoride Laser, Argon) OR (Fluoride Lasers, Argon) OR (Laser, Argon Fluoride) OR (Lasers, Argon Fluoride) OR (Lasers, Argon Fluoride Excimer) OR (Excimer Lasers, Argon Fluoride) OR (ArF Lasers) OR (ArF Laser) OR (Laser, ArF) OR (Lasers, ArF) OR (ArF Excimer Lasers) OR (ArF Excimer Laser) OR (Excimer Laser, ArF) OR (Laser, ArF Excimer) OR (Excimer Lasers, ArF) OR (Lasers, ArF Excimer) OR (Krypton Chloride Excimer Lasers) OR (Lasers, Krypton Chloride Excimer) OR (Excimer Lasers, Krypton Chloride) OR (KrCl Excimer Lasers) OR (Excimer Lasers, KrCl) OR (Excimer Laser, KrCl) OR (KrCl Excimer Laser) OR (Laser, KrCl Excimer) OR (Lasers, KrCl Excimer) OR (Lasers, KrCl) OR (KrCl Laser) OR (KrCl Lasers) OR (Laser, KrCl) OR (Lasers,

	Krypton Chloride) OR (Krypton Chloride Lasers) OR (Chloride Laser, Krypton) OR (Chloride Lasers, Krypton) OR (Krypton Chloride Laser) OR (Laser, Krypton Chloride) OR (Xenon Chloride Excimer Lasers) OR (Xenon Chloride Lasers) OR (Excimer Lasers, Xenon Chloride) OR (Lasers, Xenon Chloride) OR (Chloride Lasers, Xenon) OR (Chloride Laser, Xenon) OR (Laser, Xenon Chloride) OR (Xenon Chloride Laser) OR (XeCl Lasers) OR (Lasers, XeCl) OR (Laser, XeCl) OR (XeCl Laser) OR (Lasers, XeCl Excimer) OR (Lasers, Xenon Chloride Excimer) OR (Excimer Lasers, XeCl) OR (Excimer Laser, XeCl) OR (Laser, XeCl Excimer) OR (XeCl Excimer Laser) OR (XeCl Excimer Lasers) OR (Actinotherapy) OR (aktinotherapie) OR (Therapy, Ultraviolet) OR (Therapies, Ultraviolet) OR (Ultraviolet Therapies) (Topic)
Scopus	TITLE-ABS-KEY (vitiligo) AND TITLE-ABS-KEY (“Ultraviolet Therapy” OR actinotherapy OR actinotherapies)
Embase	(‘vitiligo’/exp OR ‘vitiligo’) AND (‘laser’/exp OR ‘beam, laser’ OR ‘laser’ OR ‘laser adapter’ OR ‘laser adaptor’ OR ‘laser associate’ OR ‘laser beam’ OR ‘laser device’ OR ‘laser holder’ OR ‘laser irradiation’ OR ‘laser radiation’ OR ‘laser ray’ OR ‘lasers’ OR ‘radiation, laser’ OR ‘excimer laser’/exp OR ‘ec-5000 (excimer laser)’ OR ‘ec-5000 quest’ OR ‘xtrac’ OR ‘excimer laser’ OR ‘excimer laser device’ OR ‘excimer laser device (physical object)’ OR ‘excimer lasers’ OR ‘laser, excimer’ OR ‘lasers, excimer’ OR ‘ultraviolet phototherapy’/exp OR ‘uv light therapy’ OR ‘uv therapy’ OR ‘ultraviolet light therapy’ OR ‘ultraviolet phototherapy’ OR ‘ultraviolet therapy’) AND [embase]/lim NOT ([embase]/lim AND [medline]/lim)
Lilacs/ WPRIM (Pacífico Ocidental)	(mh: “Vitiligo” OR (vitiligo) OR (vitíligo) OR (vitiligo) OR mh: c17.800.621.440.895) AND (mh: “Lasers” OR (lasers) OR (rayos láser) OR (lasers) OR laser OR masers OR raios laser OR mh: e07.632.490 OR mh: e07.710.520 OR mh: sp4.102.072.092.693.050.384.075.166.027 OR mh: vs2.006.002.009 mh: “Terapia Ultravioleta” OR (terapia ultravioleta) OR (terapia ultravioleta) OR (ultraviolet therapy) OR actinoterapia OR mh: e02.774.945 mh: “Lasers de Excimer” OR (lasers de excimer) OR (láseres de excímeros) OR (lasers, excimer) OR arf excimer lasers OR arf laser OR arf lasers OR argon fluoride excimer lasers OR argon fluoride laser OR argon fluoride lasers OR chloride laser, krypton OR chloride laser, xenon OR chloride lasers, krypton OR chloride lasers, xenon OR excimer laser OR excimer laser, arf OR excimer laser, krcl OR excimer laser, xecl OR excimer lasers OR excimer lasers, arf OR excimer lasers, argon fluoride OR excimer lasers, krcl OR excimer lasers, krypton chloride OR excimer lasers, xecl OR excimer lasers, xenon chloride OR fluoride laser, argon OR fluoride lasers, argon OR krcl excimer laser OR krcl excimer lasers OR krcl laser OR krcl lasers OR krypton chloride excimer lasers OR krypton chloride laser OR krypton OR chloride lasers OR laser, arf OR laser, arf excimer OR laser, argon fluoride OR laser, excimer OR laser, krcl OR laser, krcl excimer OR laser, krypton chloride OR laser, xecl OR laser, xecl excimer OR laser, xenon chloride OR lasers, arf OR lasers, arf excimer OR lasers, argon fluoride OR lasers, argon fluoride excimer OR lasers, krcl OR lasers, krcl excimer OR lasers, krypton chloride OR lasers, krypton chloride excimer OR lasers, xecl OR lasers, xecl excimer OR lasers, xenon chloride OR lasers, xenon chloride excimer OR xecl excimer laser OR xecl excimer lasers OR xecl laser OR xecl lasers OR xenon chloride excimer lasers OR xenon chloride laser OR xenon chloride lasers OR mh: e07.632.490.244 OR mh: e07.710.520.244) AND (db:(“WPRIM”))
Cochrane	#1. MeSH descriptor: [Vitiligo] explode all trees #2. (Vitiligo) 3.

	#1 OR #2 #4. (MeSH descriptor: [Lasers] explode all trees) OR (MeSH descriptor: [Lasers, Excimer] explode all trees) OR (MeSH descriptor: [Ultraviolet Therapy] explode all trees) #5. (Laser) OR (Pulsed Lasers) OR (Laser, Pulsed) OR (Lasers, Pulsed) OR (Pulsed Laser) OR (Continuous Wave Lasers) OR (Continuous Wave Laser) OR (Laser, Continuous Wave) OR (Lasers, Continuous Wave) OR (Q-Switched Lasers) OR (Laser, Q-Switched) OR (Lasers, Q-Switched) OR (Q-Switched Laser) OR (Q Switched Lasers) OR (Masers) OR (Maser) OR (Laser, Excimer) OR (Excimer Lasers) OR (Excimer Laser) OR (Argon Fluoride Excimer Lasers) OR (Argon Fluoride Lasers) OR (Argon Fluoride Laser) OR (Fluoride Laser, Argon) OR (Fluoride Lasers, Argon) OR (Laser, Argon Fluoride) OR (Lasers, Argon Fluoride) OR (Lasers, Argon Fluoride Excimer) OR (Excimer Lasers, Argon Fluoride) OR (ArF Lasers) OR (ArF Laser) OR (Laser, ArF) OR (Lasers, ArF) OR (ArF Excimer Lasers) OR (ArF Excimer Laser) OR (Excimer Laser, ArF) OR (Laser, ArF Excimer) OR (Excimer Lasers, ArF) OR (Lasers, ArF Excimer) OR (Krypton Chloride Excimer Lasers) OR (Lasers, Krypton Chloride Excimer) OR (Excimer Lasers, Krypton Chloride) OR (KrCl Excimer Lasers) OR (Excimer Lasers, KrCl) OR (Excimer Laser, KrCl) OR (KrCl Excimer Laser) OR (Laser, KrCl Excimer) OR (Lasers, KrCl Excimer) OR (Lasers, KrCl) OR (KrCl Laser) OR (KrCl Lasers) OR (Laser, KrCl) OR (Lasers, Krypton Chloride) OR (Krypton Chloride Lasers) OR (Chloride Laser, Krypton) OR (Chloride Lasers, Krypton) OR (Krypton Chloride Laser) OR (Laser, Krypton Chloride) OR (Xenon Chloride Excimer Lasers) OR (Xenon Chloride Lasers) OR (Excimer Lasers, Xenon Chloride) OR (Lasers, Xenon Chloride) OR (Chloride Lasers, Xenon) OR (Chloride Laser, Xenon) OR (Laser, Xenon Chloride) OR (Xenon Chloride Laser) OR (XeCl Lasers) OR (Lasers, XeCl) OR (Laser, XeCl) OR (XeCl Laser) OR (Lasers, XeCl Excimer) OR (Lasers, Xenon Chloride Excimer) OR (Excimer Lasers, XeCl) OR (Excimer Laser, XeCl) OR (Laser, XeCl Excimer) OR (XeCl Excimer Laser) OR (XeCl Excimer Lasers) OR (Actinotherapy) OR (Actinotherapies) OR (Therapy, Ultraviolet) OR (Therapies, Ultraviolet) OR (Ultraviolet Therapies) #6. #4 OR #5 #7. #3 AND #6
LIVIVO	(Vitiligo) AND (“Ultraviolet Therapy” OR “Ultraviolet Therapies” OR Actinotherapy OR Actinotherapies)
Google scholar	(Vitiligo) AND (‘Laser’ OR ‘Pulsed Lasers’ OR ‘Pulsed Laser’ OR ‘Continuous Wave Lasers’ OR ‘Continuous Wave Laser’ OR ‘Q-Switched Lasers’ OR ‘Q-Switched Laser’ OR ‘Q Switched Lasers’ OR ‘Masers’ OR ‘Maser’ OR ‘Excimer Lasers’ OR ‘Excimer Laser’ OR ‘Argon Fluoride Excimer Lasers’ OR ‘Argon Fluoride Lasers’ OR ‘Argon Fluoride Laser’ OR ‘ArF Lasers’ OR ‘ArF Laser’ OR ‘ArF Excimer Lasers’ OR ‘ArF Excimer Laser’ OR ‘Krypton Chloride Excimer Lasers’ OR ‘KrCl Excimer Lasers’ OR ‘KrCl Excimer Laser’ OR ‘KrCl Lasers’ OR ‘Krypton Chloride Lasers’ OR ‘Krypton Chloride Laser’ OR ‘Xenon Chloride Excimer Lasers’ OR ‘Xenon Chloride Lasers’ OR ‘Xenon Chloride Laser’ OR ‘XeCl Lasers’ OR ‘XeCl Laser’OR ‘XeCl Excimer Laser’ OR ‘XeCl Excimer Lasers’ OR ‘Actinotherapy’ OR ‘Actinotherapies’ OR ‘Ultraviolet Therapies’)
Open Grey	(Vitiligo) AND (“Ultraviolet Therapy” OR “Laser” OR “Laser Excimer”)

ProQuest	Vitiligo (Topic) AND (Laser) OR (Pulsed Lasers) OR (Laser, Pulsed) OR (Lasers, Pulsed) OR (Pulsed Laser) OR (Continuous Wave Lasers) OR (Continuous Wave Laser) OR (Laser, Continuous Wave) OR (Lasers, Continuous Wave) OR (Q-Switched Lasers) OR (Laser, Q-Switched) OR (Lasers, Q-Switched) OR (Q-Switched Laser) OR (Q Switched Lasers) OR (Masers) OR (Maser) OR (Laser, Excimer) OR (Excimer Lasers) OR (Excimer Laser) OR (Argon Fluoride Excimer Lasers) OR (Argon Fluoride Lasers) OR (Argon Fluoride Laser) OR (Fluoride Laser, Argon) OR (Fluoride Lasers, Argon) OR (Laser, Argon Fluoride) OR (Lasers, Argon Fluoride) OR (Lasers, Argon Fluoride Excimer) OR (Excimer Lasers, Argon Fluoride) OR (ArF Lasers) OR (ArF Laser) OR (Laser, ArF) OR (Lasers, ArF) OR (ArF Excimer Lasers) OR (ArF Excimer Laser) OR (Excimer Laser, ArF) OR (Laser, ArF Excimer) OR (Excimer Lasers, ArF) OR (Lasers, ArF Excimer) OR (Krypton Chloride Excimer Lasers) OR (Lasers, Krypton Chloride Excimer) OR (Excimer Lasers, Krypton Chloride) OR (KrCl Excimer Lasers) OR (Excimer Lasers, KrCl) OR (Excimer Laser, KrCl) OR (KrCl Excimer Laser) OR (Laser, KrCl Excimer) OR (Lasers, KrCl Excimer) OR (Lasers, KrCl) OR (KrCl Laser) OR (KrCl Lasers) OR (Laser, KrCl) OR (Lasers, Krypton Chloride) OR (Krypton Chloride Lasers) OR (Chloride Laser, Krypton) OR (Chloride Lasers, Krypton) OR (Krypton Chloride Laser) OR (Laser, Krypton Chloride) OR (Xenon Chloride Excimer Lasers) OR (Xenon Chloride Lasers) OR (Excimer Lasers, Xenon Chloride) OR (Lasers, Xenon Chloride) OR (Chloride Lasers, Xenon) OR (Chloride Laser, Xenon) OR (Laser, Xenon Chloride) OR (Xenon Chloride Laser) OR (XeCl Lasers) OR (Lasers, XeCl) OR (Laser, XeCl) OR (XeCl Laser) OR (Lasers, XeCl Excimer) OR (Lasers, Xenon Chloride Excimer) OR (Excimer Lasers, XeCl) OR (Excimer Laser, XeCl) OR (Laser, XeCl Excimer) OR (XeCl Excimer Laser) OR (XeCl Excimer Lasers) OR (actinotheraphy) OR (aktinotherapie) OR (Therapy, Ultraviolet) OR (Therapies, Ultraviolet) OR (Ultraviolet Therapies) (Topic) (Topic)

Presentation of search terms used according to the database.