



## Literature search

PubMed via NLM 2017-12-18		
Low level laser therapy in dentistry		
	Search terms	Items found
1.	((aphthous stomatitis[Title/Abstract] OR aphthous ulcer*[Title/Abstract] OR herpes[Title/Abstract] OR frenum[Title/Abstract] OR stomatitis[Title/Abstract] OR gingiv*[Title/Abstract] OR pericoronitis[Title/Abstract] OR periodont*[Title/Abstract] OR root canal*[Title/Abstract] OR oral mucosa[Title/Abstract] OR mucositis[Title/Abstract] OR dentin hypersensitivity[Title/Abstract] OR dentin sensitivity[Title/Abstract] OR tooth hypersensitivity[Title/Abstract] OR tooth sensitivity[Title/Abstract])) OR (((((((((((dental care[MeSH Terms]) OR dentin hypersensitivity[MeSH Terms]) OR periodontitis[MeSH Terms]) OR stomatitis[MeSH Terms]) OR herpes simplex[MeSH Terms]) OR root canal[MeSH Terms]) OR gingivitis[MeSH Terms]) OR pericoronitis[MeSH Terms]) OR gingivectomy[MeSH Terms]) OR gingival pockets[MeSH Terms]) OR periodontal pockets[MeSH Terms]) OR mucositis[MeSH Terms])	248 581
2.	Search (Low-Level Light Therapy[MeSH Terms] OR (((((((((((((((((((((((("Low Level Light Therapy"[Title/Abstract]) OR "Low Level Light Therapies"[Title/Abstract]) OR "Low Level Laser"[Title/Abstract]) OR "Low-Level Laser"[Title/Abstract]) OR "Low-Level Light Therapy"[Title/Abstract]) OR "Low-Level Light Therapies"[Title/Abstract]) OR "Low Level Lasers"[Title/Abstract]) OR "Low-Level Lasers"[Title/Abstract]) OR "Laser Phototherapy"[Title/Abstract]) OR Phototherapy[Title/Abstract]) OR "Soft Laser Therapy"[Title/Abstract]) OR "Soft-Laser Therapy"[Title/Abstract]) OR "Soft Laser Therapies"[Title/Abstract]) OR "Soft-Laser Therapies"[Title/Abstract]) OR "Soft Tissue Laser"[Title/Abstract]) OR "Soft-Tissue Laser"[Title/Abstract]) OR "Soft Tissue Lasers"[Title/Abstract]) OR "Soft-Tissue Lasers"[Title/Abstract]) OR "Diode Laser"[Title/Abstract]) OR "Diode Lasers"[Title/Abstract]) OR lllt[Title/Abstract]) OR "Laser Biostimulation"[Title/Abstract]) OR Biostimulation[Title/Abstract]) OR "Low Intensity Laser"[Title/Abstract]) OR "Low-Intensity Laser"[Title/Abstract]) OR "Low Intensity Lasers"[Title/Abstract]) OR "Low-Intensity Lasers"[Title/Abstract]) OR "Low Intensities Laser"[Title/Abstract]) OR "Low-Intensities Laser"[Title/Abstract]) OR "Low Intensities Lasers"[Title/Abstract]) OR "Low-Intensities Lasers"[Title/Abstract]) OR GaAla*[Title/Abstract]) OR InGaAsp*[Title/Abstract])))	19 069
3.	Search systematic[sb]	346 246
4.	#1 AND #2 AND #3	60
Final	Result	60

The search result, usually found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase



Cohrane Library via Wiley 2017-12-20		
Low level laser therapy in dentistry		
	Search terms	Items found
1.	MeSH descriptor: [Low-Level Light Therapy] explode all trees	785
2.	"Low Level Light Therapy" or "Low Level Light Therapies" or "Low Level Laser" or "Low-Level Laser" or "Low-Level Light Therapy" or "Low-Level Light Therapies" or "Low Level Lasers" or "Low-Level Lasers" or "Laser Phototherapy" or Phototherapy or "Soft Laser Therapy" or "Soft-Laser Therapy" or "Soft Laser Therapies" or "Soft-Laser Therapies" or "Soft Tissue Laser" or "Soft-Tissue Laser" or "Soft Tissue Lasers" or "Soft-Tissue Lasers" or "Diode Laser" or "Diode Lasers" or "Laser Biostimulation" or Biostimulation or "Low Intensity Laser" or "Low-Intensity Laser" or "Low Intensity Lasers" or "Low-Intensity Lasers" or "Low Intensities Laser" or "Low-Intensities Laser" or "Low Intensities Lasers" or "Low-Intensities Lasers" or GaAlA* or InGaAsp*:ti,ab,kw (Word variations have been searched)	4 636
3.	#1 or #2	4 636
4.	MeSH descriptor: [Dental Care] explode all trees	622
5.	MeSH descriptor: [Dentin Sensitivity] explode all trees	620
6.	MeSH descriptor: [Periodontitis] explode all trees	2 226
7.	MeSH descriptor: [Stomatitis] explode all trees	832
8.	MeSH descriptor: [Simplexvirus] explode all trees	357
9.	MeSH descriptor: [Dental Pulp Cavity] explode all trees	567
10.	MeSH descriptor: [Root Canal Therapy] explode all trees	1 056
11.	MeSH descriptor: [Gingivitis] explode all trees	1 066
12.	MeSH descriptor: [Pericoronitis] explode all trees	19
13.	MeSH descriptor: [Gingivectomy] explode all trees	59
14.	MeSH descriptor: [Gingival Pocket] explode all trees	54
15.	MeSH descriptor: [Periodontal Pocket] explode all trees	1 148
16.	MeSH descriptor: [Mucositis] explode all trees	101
17.	#4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14 or #15 or #16	6 638
18.	aphthous stomatitis or aphthous ulcer* or herpes or stomatitis or gingiv* or pericoronitis or periodont* or root canal* or "oral mucosa" or mucositis or dentin hypersensitivity or dentin sensitivity or tooth hypersensitivity or tooth sensitivity	21 594
19.	#17 or #18	22 174
20.	#3 and #19	451
Final	Result	CDRS: 54 DARE: 8 CENTRAL: 345

The search result, usually found at the end of the documentation, forms the list of abstracts

[AU] = Author

[MAJR] = MeSH Major Topic

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

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Systematic[SB] = Filter for retrieving systematic reviews

[TI] = Title

[TIAB] = Title or abstract

[TW] = Text Word

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, “other reviews”

EED = Economic Evaluations

HTA = Health Technology Assessments



Embase via embase.com 2017-12-19		
Low level laser therapy in dentistry		
	Search terms	Items found
1.	'low level laser therapy'/exp OR 'low level laser therapy'	18 266
2.	: 'low level light therapy'/exp OR 'low level light therapy' OR 'low level light therapies' OR 'low level laser' OR 'low-level laser' OR 'low-level light therapy'/exp OR 'low-level light therapy' OR 'low-level light therapies' OR 'low level lasers' OR 'low-level lasers' OR 'laser phototherapy' OR 'phototherapy'/exp OR phototherapy OR 'soft laser therapy' OR 'soft-laser therapy' OR 'soft laser therapies' OR 'soft-laser therapies' OR 'soft tissue laser' OR 'soft-tissue laser' OR 'soft tissue lasers' OR 'soft-tissue lasers' OR 'diode laser'/exp OR 'diode laser' OR 'diode lasers'/exp OR 'diode lasers' OR lllt OR 'laser biostimulation'/exp OR 'laser biostimulation' OR 'biostimulation'/exp OR biostimulation OR 'low intensity laser' OR 'low-intensity laser' OR 'low intensity lasers' OR 'low-intensity lasers' OR 'low intensities laser' OR 'low-intensities laser' OR 'low intensities lasers' OR 'low-intensities lasers' OR gaala* OR ingasp*:ti,ab	80 252
3.	#1 OR #2	80 252
4.	'dental procedure'/exp OR 'dental procedure' OR 'dentin sensitivity'/exp OR 'dentin sensitivity' OR 'periodontitis'/exp OR 'periodontitis' OR 'herpes simplex virus 1'/exp OR 'herpes simplex virus 1' OR 'tooth root canal'/exp OR 'tooth root canal' OR 'dental pulp cavity'/exp OR 'dental pulp cavity' OR 'stomatitis'/exp OR 'stomatitis' OR 'gingivitis'/exp OR 'gingivitis' OR 'gingivectomy'/exp OR 'gingivectomy'	313 676
5.	(((((aphthous AND ('stomatitis'/exp OR stomatitis) OR aphthous) AND ulcer* OR 'dental'/exp OR dental) AND ulcer* OR 'herpes'/exp OR herpes OR 'stomatitis'/exp OR stomatitis OR gingiv* OR 'pericoronitis'/exp OR pericoronitis OR periodont* OR 'root'/exp OR root) AND canal* OR 'dentin'/exp OR dentin) AND ('hypersensitivity'/exp OR hypersensitivity) OR 'dentin'/exp OR dentin) AND ('sensitivity'/exp OR sensitivity) OR 'tooth'/exp OR tooth) AND ('hypersensitivity'/exp OR hypersensitivity) OR 'tooth'/exp OR tooth) AND sensitivity:ti,ab	4 633
6.	#4 OR #5	315 601
7.	'systematic review'/exp OR 'systematic review' OR 'meta analysis'/exp OR 'meta analysis'	316 139
8.	'systematic literature review' OR 'systematic literature reviews' OR 'systematic review'/exp OR 'systematic review' OR 'systematic reviews'/exp OR 'systematic reviews' OR systematically OR 'meta analysis'/exp OR 'meta analysis' OR 'meta-analysis':ti,ab	424 279
9.	#7 OR #8	424 279
10.	#3 AND #6 AND #9	115
Final	Result	115

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti,ab = Title or abstract

\* = Truncation

' ' = Citation Marks; searches for an exact phrase



CRD 2017-12-21		
Low level laser therapy in dentistry		
	Search terms	Items found
1.	MeSH DESCRIPTOR Low-Level Light Therapy EXPLODE ALL TREES	64
2.	((("Low Level Light Therapy") OR ("Low Level Light Therapies")) IN DARE, NHSEED, HTA	64
3.	((("Low Level Laser") OR ("Low-Level Laser") ) IN DARE, NHSEED, HTA	62
4.	((("Low-Level Light Therapy") OR ("Low-Level Light Therapies")) IN DARE, NHSEED, HTA	64
5.	((("Low Level Lasers") OR ("Low-Level Lasers")) IN DARE, NHSEED, HTA	4
6.	((("Laser Phototherapy") OR (Phototherapy)) IN DARE, NHSEED, HTA	136
7.	((("Soft Laser Therapy") OR ("Soft-Laser Therapy")) IN DARE, NHSEED, HTA	0
8.	((("Soft Laser Therapies") OR ("Soft-Laser Therapies")) IN DARE, NHSEED, HTA	0
9.	((("Soft Tissue Laser") OR ("Soft-Tissue Laser"))	0
10.	((("Soft Tissue Lasers") OR ("Soft-Tissue Lasers")) IN DARE, NHSEED, HTA	0
11.	((("Diode Laser") OR ("Diode Lasers")) IN DARE, NHSEED, HTA	8
12.	((Ilt)) IN DARE, NHSEED, HTA	14
13.	((("Laser Biostimulation") OR (Biostimulation)) IN DARE, NHSEED, HTA	0
14.	((("Low Intensity Laser") OR ("Low-Intensity Laser")) IN DARE, NHSEED, HTA	1
15.	((("Low Intensity Lasers") OR ("Low-Intensity Lasers")) IN DARE, NHSEED, HTA	0
16.	((("Low Intensities Laser") OR ("Low-Intensities Laser")) IN DARE, NHSEED, HTA	0
17.	((("Low Intensities Lasers") OR ("Low-Intensities Lasers")) IN DARE, NHSEED, HTA	0
18.	((GaAlA* ) OR (InGaAsp*)) IN DARE, NHSEED, HTA	3
19.	((oral mucosa) OR (mucositis)) IN DARE, NHSEED, HTA	103
20.	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19	328
21.	MeSH DESCRIPTOR Dental care EXPLODE ALL TREES	69
22.	MeSH DESCRIPTOR Dentin Sensitivity EXPLODE ALL TREES	9
23.	MeSH DESCRIPTOR Periodontitis EXPLODE ALL TREES	119
24.	MeSH DESCRIPTOR Simplexvirus EXPLODE ALL TREES	22
25.	MeSH DESCRIPTOR Dental Pulp Cavity EXPLODE ALL TREES	9
26.	MeSH DESCRIPTOR Root Canal Therapy EXPLODE ALL TREES	36
27.	MeSH DESCRIPTOR Gingivitis EXPLODE ALL TREES	34
28.	MeSH DESCRIPTOR Stomatitis EXPLODE ALL TREES	46
29.	MeSH DESCRIPTOR Pericoronitis EXPLODE ALL TREES	0
30.	MeSH DESCRIPTOR Gingivectomy EXPLODE ALL TREES	0
31.	MeSH DESCRIPTOR Mucositis EXPLODE ALL TREES	12
32.	((aphthous stomatitis) OR (aphthous ulcer*) OR (dental ulcer*)) IN DARE, NHSEED, HTA	9
33.	((herpes simplex) OR (gingiv*) OR (stomatitis )) IN DARE, NHSEED, HTA	279
34.	((pericoronitis) OR (periodont*) OR (root canal*)) IN DARE, NHSEED, HTA	392



CRD 2017-12-21		
Low level laser therapy in dentistry		
35.	((dentin hypersensitivity) OR (dentin sensitivity)) IN DARE, NHSEED, HTA	9
36.	((tooth hypersensitivity) OR (tooth sensitivity)) IN DARE, NHSEED, HTA	4
37.	((oral mucosa) OR (mucositis)) IN DARE, NHSEED, HTA	103
38.	#21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36 OR #37	741
39.	#20 AND #38	108
Final	Result	108

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the “Cinahl Headings” thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the database's searchable fields

ZC = Methodology Index

\* = Truncation

“ “ = Citation Marks; searches for an exact phrase