



SUBSECRETARÍA DE SALUD PÚBLICA
 DIVISIÓN DE PLANIFICACIÓN SANITARIA
 DEPARTAMENTO EVALUACIÓN DE TECNOLOGÍAS SANITARIAS Y SALUD BASADA EN EVIDENCIA

RECOMENDACIÓN TRATAMIENTO

INFORME DE BÚSQUEDA Y SÍNTESIS DE EVIDENCIA DE EFECTOS DESEABLES E INDESEABLES Guía de Práctica Clínica de Patologías Pulpares y Periapicales en dentición permanente - 2019

A. PREGUNTA CLÍNICA

Pregunta clínica: En personas con pulpitis irreversible asintomático con caries en primera consulta ¿se debe realizar eliminación de caries y acceso endodóntico en comparación a realizar sólo eliminación de caries?

Análisis y definición de los componentes de la pregunta en formato PICO

- **Población:** Pulpitis irreversible asintomático con caries en primera consulta
- **Intervención:** Eliminación de caries y acceso endodóntico
- **Comparación:** Eliminación de caries
- **Desenlaces (outcomes):**
 - **Crítico:** inicio de sintomatología dolorosa, daño dentario

B. MÉTODO

Se realizó una búsqueda general de revisiones sistemáticas sobre “*Odontogenic infections*” y “*Pulp and periapical disease*”, en la plataforma Living Overview of the Evidence (L·OVE), que incluye las siguientes bases de datos: Cochrane database of systematic reviews (CDSR); PubMed; EMBASE; CINAHL; PsycINFO; LILACS; Database of Abstracts of Reviews of Effectiveness (DARE); Systematic Reviews and Policy Briefs Campbell Library; The JBI Database of Systematic Reviews and Implementation Reports y EPPI-Centre Evidence Library. Adicionalmente se condujo una búsqueda sistemática filtrando por revisiones sistemáticas. Se consideraron términos relacionados a la población e intervención y se usaron las bases de datos: Medline, EMBASE, CENTRAL, CRD, Lilacs, Scopus y Biblioteca Brasileña de Odontología (BBO). (Anexo 1: Estrategia de búsqueda para Revisiones Sistemáticas. Anexo 2: Estrategia de búsqueda para Ensayos Clínicos). No se aplicaron restricciones en base al idioma o estado de publicación.

Dos revisores seleccionaron de forma independiente los títulos y resúmenes, evaluaron los textos completos de los potenciales estudios a incluir y finalmente extrajeron los datos. Un investigador/clínico experimentado resolvió las discrepancias entre los revisores.

C. RESULTADOS

Resumen de la evidencia identificada

No se encontraron revisiones sistemáticas ni ensayos clínicos que se relacionaran a la pregunta de manera directa ni indirectamente. (Anexo 3: Flujograma de selección de estudios)

Selección de la evidencia

No se encontraron revisiones sistemáticas ni ensayos clínicos que se relacionaran a la pregunta de manera directa ni indirectamente

Estimador del efecto

No se encontraron revisiones sistemáticas ni ensayos clínicos que se relacionaran a la pregunta de manera directa ni indirectamente

Metanálisis

No se encontraron revisiones sistemáticas ni ensayos clínicos que se relacionaran a la pregunta de manera directa ni indirectamente

ANEXOS

Anexo 1: estrategia de búsqueda para Revisiones Sistemáticas

MEDLINE OVID

- 1 Pulpitis/ (2702)
- 2 pulpitis.ti,ab. (1489)
- 3 acute pulpitis.mp. (71)
- 4 acute pulpitis.ti,ab. (71)
- 5 Irreversible pulpitis.mp. (542)
- 6 Irreversible pulpitis.ti,ab. (539)
- 7 symptomatic pulpitis.ti,ab. (15)
- 8 Endodontic Inflammation.mp. (5)
- 9 Endodontic Inflammation.ti,ab. (2)
- 10 dental pulp infection.ti,ab. (10)
- 11 (pulp adj2 infection*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (93)
- 12 or/1-11 (3345)
- 13 endodontic access.mp. (306)
- 14 endodontic access.ti,ab. (304)
- 15 endodontic treatment.mp. (4334)
- 16 endodontic treatment.ti,ab. (4215)
- 17 Pulpectomy/ (1132)
- 18 pulpectomy.ti,ab. (450)
- 19 pulp removal.mp. (53)
- 20 pulp removal.ti,ab. (53)
- 21 caries removal.mp. (597)
- 22 caries removal.ti,ab. (581)
- 23 or/13-22 (6409)
- 24 12 and 23 (482)
- 25 systematic review.tw. or meta analysis.pt. (198768)
- 26 24 and 25 (17)

EMBASE

No.	Query	Results
#29	#23 AND #28	17
#28	#24 OR #25 OR #26 OR #27	402504
#27	'meta analysis'	251423
#26	'meta analysis (topic)'	39968
#25	'systematic review'	272610
#24	'systematic review (topic)'	23526
#23	#14 AND #22	422
#22	#15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21	5810

#21	'pulpectomy':ti,ab	428
#20	'pulpectomy'	501
#19	'endodontic treatment':ti,ab	3936
#18	'endodontic treatment'	4093
#17	'endodontic access':ti,ab	286
#16	'endodontic access'	288
#15	'endodontic procedure'	1402
#14	#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	3586
#13	pulp NEXT/2 infection	75
#12	'dental pulp infection':ti,ab	10
#11	'pulp inflammation'	233
#10	'endodontic inflammation':ti,ab	2
#9	'endodontic inflammation'	4
#8	'symptomatic pulpitis':ti,ab	15
#7	'symptomatic pulpitis'	16
#6	'irreversible pulpitis':ti,ab	461
#5	'irreversible pulpitis'	468
#4	'acute pulpitis':ti,ab	82
#3	'acute pulpitis'	85
#2	'pulpitis':ti,ab	1472
#1	'pulpitis'/exp	

COCHRANE LIBRARY

ID	Search	Hits
#1	MeSH descriptor: [Pulpitis] explode all trees	274
#2	pulpitis	624
#3	acute pulpitis	70
#4	Irreversible pulpitis	424
#5	symptomatic pulpitis	158
#6	Endodontic Inflammation	67
#7	dental pulp infection	99
#8	pulp adj2 infection*	1
#9	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8	739
#10	endodontic treatment	932
#11	MeSH descriptor: [Pulpectomy] explode all trees	73
#12	pulp removal	338
#13	caries removal	542
#14	#10 or #11 or #12 or #13	1630
#15	#9 AND #14	345

CENTRE FOR REVIEWS AND DISSEMINATION

pulpectomy OR endodontic access

CINAHL

- S15 S8 AND S14
- S14 S9 OR S10 OR S11 OR S12 OR S13
- S13 caries removal
- S12 pulp removal
- S11 Pulpectomy
- S10 endodontic treatment
- S9 endodontic access
- S8 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7
- S7 pulp adj2 infection*
- S6 dental pulp infection
- S5 Endodontic Inflammation
- S4 symptomatic pulpitis
- S3 pulpitis irreversible
- S2 acute pulpitis
- S1 pulpitis

LILACS

(tw:((tw:((tw:((tw:(pulpitis)) OR (tw:(acute pulpitis)) OR (tw:(irreversible pulpitis)) OR (tw:(symptomatic pulpitis)) OR (tw:(endodontic inflammation)) OR (tw:(dental pulp infection)))))) OR (tw:(pulpotomy)))) AND (tw:((tw:(endodontic access)) OR (tw:(endodontic treatment)) OR (tw:(pulpectomy)) OR (tw:(pulp removal)) OR (tw:(caries removal)))) AND (instance:"regional") AND (db:("LILACS" OR "BBO" OR "IBECS" OR "BINACIS" OR "CUMED" OR "DECS" OR "HomeoIndex") AND type_of_study:("systematic_reviews"))

BIB BRAS

tw:((tw:((tw:((tw:(pulpitis)) OR (tw:(acute pulpitis)) OR (tw:(irreversible pulpitis)) OR (tw:(symptomatic pulpitis)) OR (tw:(endodontic inflammation)) OR (tw:(dental pulp infection)))))) OR (tw:(pulpotomy)))) AND (tw:((tw:(endodontic access)) OR (tw:(endodontic treatment)) OR (tw:(pulpectomy)) OR (tw:(pulp removal)) OR (tw:(caries removal))))) AND (instance:odontologia) AND (db:("BBO") AND type_of_study:("systematic_reviews"))

Anexo 2: estrategia de búsqueda para ensayos clínicos

MEDLINE-OVID

Database: Ovid MEDLINE(R) ALL <1946 to July 25, 2019>

- 1 Pulpitis/ (2702)
- 2 pulpitis.ti,ab. (1489)
- 3 acute pulpitis.mp. (71)
- 4 acute pulpitis.ti,ab. (71)
- 5 Irreversible pulpitis.mp. (542)
- 6 Irreversible pulpitis.ti,ab. (539)
- 7 symptomatic pulpitis.ti,ab. (15)
- 8 Endodontic Inflammation.mp. (5)
- 9 Endodontic Inflammation.ti,ab. (2)
- 10 dental pulp infection.ti,ab. (10)
- 11 (pulp adj2 infection*).mp. [mp=title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (93)
- 12 or/1-11 (3345)
- 13 endodontic access.mp. (306)
- 14 endodontic access.ti,ab. (304)
- 15 endodontic treatment.mp. (4334)
- 16 endodontic treatment.ti,ab. (4215)
- 17 Pulpectomy/ (1132)
- 18 pulpectomy.ti,ab. (450)
- 19 pulp removal.mp. (53)
- 20 pulp removal.ti,ab. (53)
- 21 caries removal.mp. (597)
- 22 caries removal.ti,ab. (581)
- 23 or/13-22 (6409)
- 24 12 and 23 (482)
- 25 randomized controlled trial.pt. (486095)
- 26 controlled clinical trial.pt. (93182)
- 27 randomized.ab. (449878)
- 28 placebo.ab. (199509)
- 29 clinical trials as topic.sh. (187766)
- 30 randomly.ab. (315180)
- 31 trial.ti. (202198)
- 32 or/25-31 (1228924)
- 33 exp animals/ not humans.sh. (4602369)
- 34 32 not 33 (1130244)
- 35 24 and 34 (132)

EMBASE

#25 #23 AND #24 123
 #24 random*:ab,ti OR placebo*:de,ab,ti OR ((double NEXT/1 blind*):ab,ti) 1682315
 #23 #14 AND #22 422
 #22 #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 5810
 #21 'pulpectomy':ti,ab 428
 #20 'pulpectomy' 501
 #19 'endodontic treatment':ti,ab 3936
 #18 'endodontic treatment' 4093
 #17 'endodontic access':ti,ab 286
 #16 'endodontic access' 288
 #15 'endodontic procedure' 1402
 #14 #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
 3586
 #13 pulp NEXT/2 infection 75
 #12 'dental pulp infection':ti,ab 10
 #11 'pulp inflammation' 233
 #10 'endodontic inflammation':ti,ab 2
 #9 'endodontic inflammation' 4
 #8 'symptomatic pulpitis':ti,ab 15
 #7 'symptomatic pulpitis' 16
 #6 'irreversible pulpitis':ti,ab 461
 #5 'irreversible pulpitis' 468
 #4 'acute pulpitis':ti,ab 82
 #3 'acute pulpitis' 85
 #2 'pulpitis':ti,ab 1472
 #1 'pulpitis'/exp 3067

CENTRAL

1 Pulpitis/ (273)
 2 pulpitis.ti,ab. (516)
 3 acute pulpitis.mp. (16)
 4 acute pulpitis.ti,ab. (16)
 5 Irreversible pulpitis.mp. (421)
 6 Irreversible pulpitis.ti,ab. (402)
 7 symptomatic pulpitis.ti,ab. (3)
 8 Endodontic Inflammation.mp. (0)
 9 Endodontic Inflammation.ti,ab. (0)
 10 dental pulp infection.ti,ab. (1)
 11 (pulp adj2 infection*).mp. [mp=title, original title, abstract, mesh headings, heading words, keyword] (12)
 12 or/1-11 (620)
 13 endodontic access.mp. (82)
 14 endodontic access.ti,ab. (82)
 15 endodontic treatment.mp. (463)

- 16 endodontic treatment.ti,ab. (455)
- 17 Pulpectomy/ (73)
- 18 pulpectomy.ti,ab. (114)
- 19 pulp removal.mp. (8)
- 20 pulp removal.ti,ab. (8)
- 21 caries removal.mp. (257)
- 22 caries removal.ti,ab. (254)
- 23 or/13-22 (931)
- 24 12 and 23 (210)

SCOPUS

((pulpitis OR acute AND pulpitis OR irreversible AND pulpitis OR symptomatic AND pulpitis OR endodontic AND inflammation OR dental AND pulp AND infection) AND ((endodontic AND access OR pulpectomy))) AND (randomized AND clinical AND trial OR clinical AND trial OR random OR placebo)

LILACS

(tw:((tw:((tw:((tw:(pulpitis)) OR (tw:(acute pulpitis)) OR (tw:(irreversible pulpitis)) OR (tw:(symptomatic pulpitis)) OR (tw:(endodontic inflammation)) OR (tw:(dental pulp infection))))))) OR (tw:(pulpotomy))) AND (tw:((tw:(endodontic access)) OR (tw:(endodontic treatment)) OR (tw:(pulpectomy)) OR (tw:(pulp removal)) OR (tw:(caries removal)))) AND (instance:"regional") AND (db:("LILACS" OR "BBO" OR "IBECs") AND type_of_study:("clinical_trials"))

BIBBRAS

w:((tw:((tw:((tw:((tw:(pulpitis)) OR (tw:(acute pulpitis)) OR (tw:(irreversible pulpitis)) OR (tw:(symptomatic pulpitis)) OR (tw:(endodontic inflammation)) OR (tw:(dental pulp infection))))))) OR (tw:(pulpotomy))) AND (tw:((tw:(endodontic access)) OR (tw:(endodontic treatment)) OR (tw:(pulpectomy)) OR (tw:(pulp removal)) OR (tw:(caries removal))))) AND (instance:odontologia) AND (db:("BBO") AND type_of_study:("clinical_trials"))

CLINICAL TRIALS

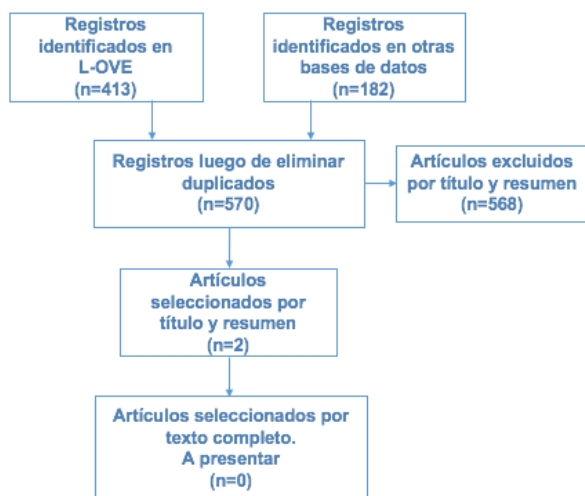
endodontic access OR pulpotomy

WHO TRIALS

endodontic access OR pulpotomy

Anexo 3: Flujoograma de selección de estudios

Revisiones sistemáticas



Ensayos clínicos

