



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 indicación de acceso endodóntico ¿se debe usar medicación cameral dispensada en mota estéril, en comparación a usar sólo mota estéril sin medicación?

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

- **Población** En personas con indicación de acceso endodóntico
- **Intervención:** Medicación cameral dispensado en mota estéril
- **Comparación:** Sin medicación cameral
- **Desenlaces (outcomes):**
 - **Crítico:** Disminución sintomatología, prevención contaminación externa, agudización del proceso infeccioso y/o doloroso

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 y ensayos clínicos controlados. 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 de revisiones sistemáticas y Anexo 2 estrategia de búsqueda de ensayos controlados). 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

Se identificaron 413 títulos en L·OVE, 340 revisiones sistemáticas y 1345 ensayos controlados en la búsqueda adicional. Luego de eliminar duplicados y excluir por título y resumen quedaron 5 revisiones sistemáticas para revisión de texto completo y 1 ensayo controlado. Finalmente No se encontraron revisiones sistemáticas ni ensayos clínicos que se relacionarán 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 relacionarán a la pregunta de manera directa ni indirectamente

Estimador del efecto

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

Metanálisis

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

ANEXOS

Anexo 1: estrategia de búsqueda para Revisiones Sistemáticas

Ovid MEDLINE(R) ALL <1946 to July 10, 2019>

- 1 endodontic therapy.kw. (35)
- 2 endodontic therapy.ti,ab. (1638)
- 3 endodontic treatment.ti,ab. (4203)
- 4 endodontic procedure.ti,ab. (108)
- 5 (root adj2 therapy).mp. (13555)
- 6 (endodontic adj2 treatment).mp. (4484)
- 7 dental root treatment.mp. (1)
- 8 "Root Canal Therapy"/ (12726)
- 9 dental root treatment.ti,ab. (1)
- 10 or/1-9 (16727)
- 11 intracanal medicament* {Including Related Terms} (4760)
- 12 intracanal drug* {Including Related Terms} (360)
- 13 blockage.mp. (16367)
- 14 blockage.ti,ab. (16319)
- 15 Chlorophenols/ (3260)
- 16 phenol*.mp. (115597)
- 17 phenol.ti,ab. (30162)
- 18 Sodium Hypochlorite/ (4512)
- 19 sodium hypochlorite.ti,ab. (5147)
- 20 irrigation.mp. (36734)
- 21 irrigation.ti,ab. (24578)
- 22 Hydroxides/ (6398)
- 23 hydroxide.ti,ab. (23824)
- 24 Parachlorophenol.mp. (140)
- 25 Parachlorophenol.ti,ab. (59)
- 26 "Root Canal Irrigants"/ (3304)
- 27 Camphorated.ti,ab. (152)
- 28 cresophene.mp. (7)
- 29 cresophene.ti,ab. (7)
- 30 septodont.ti,ab. (153)
- 31 Eugenol/ (2176)
- 32 eugenol.ti,ab. (3857)
- 33 guaiacol.ti,ab. (2103)
- 34 or/11-33 (212992)
- 35 10 and 34 (2525)
- 36 systematic review.tw. or meta analysis.pt. (197459)
- 37 35 and 36 (24)

EMBASE-ELSEVIER

#50 #44 AND #49 58
 #49 #45 OR #46 OR #47 OR #48 399894
 #48 'meta analysis' 249886
 #47 'meta analysis (topic)' 39857
 #46 'systematic review' 270457
 #45 'systematic review (topic)' 23463
 #44 #10 AND #43 2267
 #43 #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #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 OR #38 OR #39 OR #40 OR #41 OR #42 632743
 #42 'guaiacol':ti,ab 2305
 #41 'eugenol':ti,ab 4501
 #40 'eugenol' 8011
 #39 'septodont' 284
 #38 'cresophene':ti,ab 7
 #37 'cresophene' 10
 #36 'camphorated':ti,ab 150
 #35 'camphorated' 184
 #34 'camphorated parachlorophenol' 94
 #33 'root canal irrigants' 187
 #32 'biomedical and dental materials' 19497
 #31 'parachlorophenol':ti,ab64
 #30 'parachlorophenol' 130
 #29 '4 chlorophenol' 1792
 #28 'hydroxide*':ti,ab 29244
 #27 'hydroxide*' 57770
 #26 'hydroxide' 56897
 #25 'irrigation':ti,ab 30919
 #24 'irrigation' 36467
 #23 'lavage' 100321
 #22 'sodium hypochlorite':ti,ab 5065
 #21 'sodium hypochlorite' 5217
 #20 'hypochlorite sodium' 7126
 #19 'phenol':ti,ab 37150
 #18 'phenol derivative' 53279
 #17 'chlorophenol':ti,ab 2805
 #16 'chlorophenol' 5328
 #15 'blockage':ti,ab 21358
 #14 'blockage' 21564
 #13 'blocking agent' 310022
 #12 'intracanal drug*' 12
 #11 'intracanal medicament*' 333
 #10 #1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 9389
 #9 endodontic NEXT/2 treatment 4154

#8	'dental root treatment':ti,ab	1
#7	'endodontic procedure':ti,ab	105
#6	'root canal therapy':ti,ab	1427
#5	'root canal therapy'	1685
#4	'endodontic procedure'	1388
#3	'endodontic treatment'	4086
#2	'endodontic therapy'	1617
#1	'endodontic procedure'/exp	3225

COCHRANE LIBRARY

ID	Search	Hits
#1	endodontic therapy	629
#2	MeSH descriptor: [Endodontics] explode all trees	1347
#3	endodontic*	2873
#4	endodontic treatment	933
#5	endodontic procedure	289
#6	root adj2 therapy	91
#7	MeSH descriptor: [Root Canal Therapy] explode all trees	1054
#8	root canal therapy	965
#9	dental root treatment	2373
#10	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9	5126
#11	intracanal medicament*	87
#12	intracanal drug*	96
#13	blockage	1412
#14	MeSH descriptor: [Chlorophenols] explode all trees	47
#15	Chlorophenols	17
#16	phenol*	1750
#17	MeSH descriptor: [Sodium Hypochlorite] explode all trees	436
#18	sodium hypochlorite	666
#19	irrigation	3677
#20	MeSH descriptor: [Hydroxides] explode all trees	3199
#21	hydroxide*	2128
#22	Parachlorophenol	4
#23	MeSH descriptor: [Root Canal Irrigants] explode all trees	388
#24	Root Canal Irrigants	418
#25	Camphorated	16
#26	cresophene	0
#27	septodont	40
#28	Eugenol	346
#29	guaiacol	25
#30	#11 or #12 or #13 or #14 or #15 or #16 or #17 or #19 or #20 or #21 or #22 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29	11594
#31	#10 AND #30	1122

LILACS

(tw:((tw:((tw:((tw:(endodonic therapy)) OR (tw:(endodonic treatment)) OR (tw:(endodonic procedure)) OR (tw:(dental root treatment)) OR (tw:(root canal therapy)))))))) AND (tw:((tw:(intracanal medicament*)) OR (tw:(intracanal drug*)) OR (tw:(blocking agent)) OR (tw:(blockage)) OR (tw:(chlorophenol)) OR (tw:(phenol*)) OR (tw:(sodium hypochlorite)) OR (tw:(irrigation)) OR (tw:(hydroxides)) OR (tw:(parachlorophenol)) OR (tw:(root canal irrigants)) OR (tw:(camphorated)) OR (tw:(cresophene)) OR (tw:(septodont)) OR (tw:(eugenol)) OR (tw:(guaiacol)))) AND (instance:"regional") AND (db:("LILACS" OR "BBO" OR "IBECS" OR "BINACIS" OR "CUMED" OR "LIS") AND type_of_study:"systematic_reviews"))

SCOPUS

(((TITLE-ABS-KEY (endodonic AND therapy OR endodonic AND treatment OR endodonic AND procedure OR dental AND root AND treatment OR root AND canal AND therapy))) AND ((intracanal AND drug OR intracanal AND medicament OR blockage OR phenol* OR sodium AND hypochlorite OR hydroxides))) AND (randomized OR clinical AND trial OR random)

BIBLIOTECA BRASILEIRA DE ODONTOLOGÍA

(tw:((tw:((tw:((tw:((tw:(endodonic therapy)) OR (tw:(endodonic treatment)) OR (tw:(endodonic procedure)) OR (tw:(dental root treatment)) OR (tw:(root canal therapy)))))))))) AND (tw:((tw:(intracanal medicament*)) OR (tw:(intracanal drug*)) OR (tw:(blocking agent)) OR (tw:(blockage)) OR (tw:(chlorophenol)) OR (tw:(phenol*)) OR (tw:(sodium hypochlorite)) OR (tw:(irrigation)) OR (tw:(hydroxides)) OR (tw:(parachlorophenol)) OR (tw:(root canal irrigants)) OR (tw:(camphorated)) OR (tw:(cresophene)) OR (tw:(septodont)) OR (tw:(eugenol)) OR (tw:(guaiacol)))))) AND (instance:odontologia) AND (type_of_study:"systematic_reviews"))

Anexo 2: estrategia de búsqueda para ensayos clínicos

MEDLINE OVID

Ovid MEDLINE(R) ALL <1946 to July 10, 2019>

- 1 endodontic therapy.kw. (35)
- 2 endodontic therapy.ti,ab. (1638)
- 3 endodontic treatment.ti,ab. (4203)
- 4 endodontic procedure.ti,ab. (108)
- 5 (root adj2 therapy).mp. (13555)
- 6 (endodontic adj2 treatment).mp. (4484)
- 7 dental root treatment.mp. (1)
- 8 "Root Canal Therapy"/ (12726)
- 9 dental root treatment.ti,ab. (1)
- 10 or/1-9 (16727)
- 11 intracanal medicament* {Including Related Terms} (4760)
- 12 intracanal drug* {Including Related Terms} (360)
- 13 blockage.mp. (16367)
- 14 blockage.ti,ab. (16319)
- 15 Chlorophenols/ (3260)
- 16 phenol*.mp. (115597)
- 17 phenol.ti,ab. (30162)
- 18 Sodium Hypochlorite/ (4512)
- 19 sodium hypochlorite.ti,ab. (5147)
- 20 irrigation.mp. (36734)
- 21 irrigation.ti,ab. (24578)
- 22 Hydroxides/ (6398)
- 23 hydroxide.ti,ab. (23824)
- 24 Parachlorophenol.mp. (140)
- 25 Parachlorophenol.ti,ab. (59)
- 26 "Root Canal Irrigants"/ (3304)
- 27 Camphorated.ti,ab. (152)
- 28 cresophene.mp. (7)
- 29 cresophene.ti,ab. (7)
- 30 septodont.ti,ab. (153)
- 31 Eugenol/ (2176)
- 32 eugenol.ti,ab. (3857)
- 33 guaiacol.ti,ab. (2103)
- 34 or/11-33 (212992)
- 35 10 and 34 (2525)
- 36 randomized controlled trial.pt. (485251)
- 37 controlled clinical trial.pt. (93153)
- 38 randomized.ab. (448357)
- 39 placebo.ab. (199086)
- 40 clinical trials as topic.sh. (187601)
- 41 randomly.ab. (314214)

- 42 trial.ti. (201413)
- 43 or/36-42 (1225903)
- 44 exp animals/ not humans.sh. (4597467)
- 45 43 not 44 (1127409)
- 46 35 and 45 (317)

EMBASE ELSEVIER

- #47 #46 AND 'human'/de 492
- #46 #44 AND #45 563
- #45 'crossover procedure':de OR 'double-blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR random*:de,ab,ti OR factorial*:de,ab,ti OR crossover*:de,ab,ti OR ((cross NEXT/1 over*):de,ab,ti) OR placebo*:de,ab,ti OR ((doubl* NEAR/1 blind*):de,ab,ti) OR ((singl* NEAR/1 blind*):de,ab,ti) OR assign*:de,ab,ti OR allocat*:de,ab,ti OR volunteer*:de,ab,ti 2428201
- #44 #10 AND #43 2267
- #43 #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #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 OR #38 OR #39 OR #40 OR #41 OR #42 632743
- #42 'guaiacol':ti,ab 2305
- #41 'eugenol':ti,ab 4501
- #40 'eugenol' 8011
- #39 'septodont' 284
- #38 'cresophene':ti,ab 7
- #37 'cresophene' 10
- #36 'camphorated':ti,ab 150
- #35 'camphorated' 184
- #34 'camphorated parachlorophenol' 94
- #33 'root canal irrigants' 187
- #32 'biomedical and dental materials' 19497
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- #30 'parachlorophenol' 130
- #29 '4 chlorophenol' 1792
- #28 'hydroxide*':ti,ab 29244
- #27 'hydroxide*' 57770
- #26 'hydroxide' 56897
- #25 'irrigation':ti,ab 30919
- #24 'irrigation' 36467
- #23 'lavage' 100321
- #22 'sodium hypochlorite':ti,ab 5065
- #21 'sodium hypochlorite' 5217
- #20 'hypochlorite sodium' 7126
- #19 'phenol':ti,ab 37150
- #18 'phenol derivative' 53279
- #17 'chlorophenol':ti,ab 2805
- #16 'chlorophenol' 5328
- #15 'blockage':ti,ab 21358

#14	'blockage'	21564
#13	'blocking agent'	310022
#12	'intracanal drug*'	12
#11	'intracanal medicament*'	333
#10	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9	9389
#9	endodontic NEXT/2 treatment	4154
#8	'dental root treatment':ti,ab	1
#7	'endodontic procedure':ti,ab	105
#6	'root canal therapy':ti,ab	1427
#5	'root canal therapy'	1685
#4	'endodontic procedure'	1388
#3	'endodontic treatment'	4086
#2	'endodontic therapy'	1617
#1	'endodontic procedure'/exp	3225

CENTRAL

–OVID

Database: EBM Reviews - Cochrane Central Register of Controlled Trials <June 2019>

Search Strategy:

-
- 1 endodontic therapy.kw. (0)
 - 2 endodontic therapy.ti,ab. (117)
 - 3 endodontic treatment.ti,ab. (455)
 - 4 endodontic procedure.ti,ab. (32)
 - 5 (root adj2 therapy).mp. (658)
 - 6 (endodontic adj2 treatment).mp. (495)
 - 7 dental root treatment.mp. (0)
 - 8 "Root Canal Therapy"/ (345)
 - 9 dental root treatment.ti,ab. (0)
 - 10 or/1-9 (1097)
 - 11 intracanal medicament* {Including Related Terms} (671)
 - 12 intracanal drug* {Including Related Terms} (99)
 - 13 blockage.mp. (1056)
 - 14 blockage.ti,ab. (1048)
 - 15 Chlorophenols/ (17)
 - 16 phenol*.mp. (1682)
 - 17 phenol.ti,ab. (471)
 - 18 Sodium Hypochlorite/ (432)
 - 19 sodium hypochlorite.ti,ab. (409)
 - 20 irrigation.mp. (3541)
 - 21 irrigation.ti,ab. (2815)
 - 22 Hydroxides/ (48)
 - 23 hydroxide.ti,ab. (1408)
 - 24 Parachlorophenol.mp. (3)
 - 25 Parachlorophenol.ti,ab. (3)
 - 26 "Root Canal Irrigants"/ (385)

- 27 Camphorated.ti,ab. (15)
- 28 cresophene.mp. (0)
- 29 cresophene.ti,ab. (0)
- 30 septodont.ti,ab. (35)
- 31 Eugenol/ (50)
- 32 eugenol.ti,ab. (219)
- 33 guaiacol.ti,ab. (17)
- 34 or/11-33 (8700)
- 35 10 and 34 (274)

CINAHL

- S27 S25 AND S26
- S26 randomized controlled trials or rtc or randomised control trials
- S25 (S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23) AND (S7 AND S24)
- S24 S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23
- S23 guaiacol
- S22 eugenol
- S21 septodont
- S20 cresophene
- S19 Camphorated
- S18 root canal irrigants
- S17 root canal irrigants
- S16 Parachlorophenol
- S15 Hydroxides
- S14 irrigation
- S13 sodium hypochlorite
- S12 phenol*
- S11 chlorophenol
- S10 blockage
- S9 intracanal drug*
- S8 intracanal medicament*
- S7 S1 OR S2 OR S3 OR S4 OR S5 OR S6
- S6 root canal therapy
- S5 dental root treatment
- S4 endodontic procedure
- S3 endodontic treatment
- S2 endodontic surgery
- S1 endodontic therapy

SCOPUS

(((TITLE-ABS-KEY (endodontic AND therapy OR endodontic AND treatment OR endodontic AND procedure OR dental AND root AND treatment OR root AND canal AND therapy))) AND ((intracanal AND drug OR intracanal AND medicament OR blockage OR phenol* OR sodium AND hypochlorite OR hydroxides))) AND (randomized OR clinical AND trial OR random)

LILACS

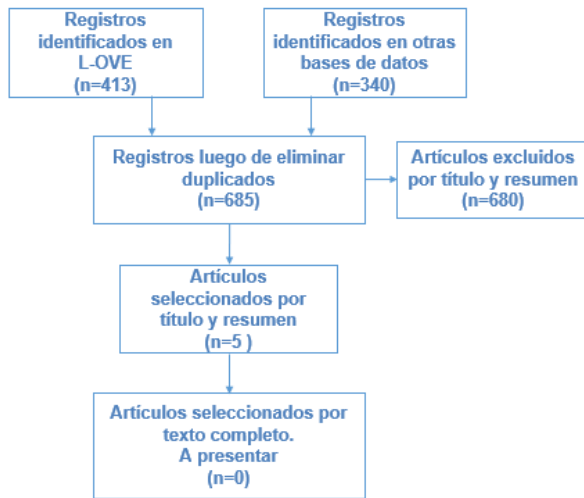
(tw:(tw:(tw:(tw:(endodontic therapy)) OR (tw:(endodontic treatment)) OR (tw:(endodontic procedure)) OR (tw:(dental root treatment)) OR (tw:(root canal therapy)))))) AND (tw:(tw:(intracanal medicament*)) OR (tw:(intracanal drug*)) OR (tw:(blocking agent)) OR (tw:(blockage)) OR (tw:(chlorophenol)) OR (tw:(phenol*)) OR (tw:(sodium hypochlorite)) OR (tw:(irrigation)) OR (tw:(hydroxides)) OR (tw:(parachlorophenol)) OR (tw:(root canal irrigants)) OR (tw:(camphorated)) OR (tw:(cresophene)) OR (tw:(septodont)) OR (tw:(eugenol)) OR (tw:(guaiacol))) AND (instance:"regional") AND (db:"LILACS" OR "BBO" OR "IBECs") AND type_of_study:"clinical_trials")

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(tw:(tw:(tw:(tw:(tw:(endodontic therapy)) OR (tw:(endodontic treatment)) OR (tw:(endodontic procedure)) OR (tw:(dental root treatment)) OR (tw:(root canal therapy)))))) AND (tw:(tw:(intracanal medicament*)) OR (tw:(intracanal drug*)) OR (tw:(blocking agent)) OR (tw:(blockage)) OR (tw:(chlorophenol)) OR (tw:(phenol*)) OR (tw:(sodium hypochlorite)) OR (tw:(irrigation)) OR (tw:(hydroxides)) OR (tw:(parachlorophenol)) OR (tw:(root canal irrigants)) OR (tw:(camphorated)) OR (tw:(cresophene)) OR (tw:(septodont)) OR (tw:(eugenol)) OR (tw:(guaiacol))))) AND (instance:odontologia) AND (db:"BBO") AND type_of_study:"clinical_trials")

Anexo 3: Flujo de selección de estudios

Revisiones sistemáticas



Ensayos clínicos

