



## RECOMENDACIÓN TRATAMIENTO

### INFORME DE BÚSQUEDA Y SÍNTESIS DE EVIDENCIA DE EFECTOS DESEABLES E INDESEABLES Guía de Práctica Clínica de Urgencia Odontológica Ambulatoria

#### A. PREGUNTA CLÍNICA

En personas con dentición permanente con diagnóstico clínico de absceso submucoso ¿Se debe realizar “drenaje canalicular (canal radicular) más drenaje quirúrgico” en comparación a “realizar drenaje canalicular”?

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

- **Población:** En personas con dentición permanente con diagnóstico clínico de absceso submucoso.
- **Intervención:** Drenaje canalicular (canal radicular) más drenaje quirúrgico.
- **Comparación:** Realizar drenaje canalicular
- **Desenlaces (outcomes):**
  - **Críticos:** Dolor, Progresión o Diseminación infección, hospitalización, pérdida del diente.
  - **Importantes:**

#### B. MÉTODOS

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 condujeron dos búsquedas sistemáticas, una filtrando por revisiones sistemáticas y otra filtrando por ensayos clínicos. Se consideraron términos relacionados a la población e intervención (antibióticos) 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. Anexo2: 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.

Finalmente, se seleccionaron las revisiones sistemáticas (y los estudios incluidos en éstas) y los ensayos clínicos adicionales que se relacionaran de manera directa en primera instancia, o de manera indirecta a la pregunta.

Una parte de los resultados de la búsqueda se encuentran alojados en la plataforma Living Overview of the Evidence (L·OVE), sistema que permite la actualización periódica de la evidencia.

## **C. RESULTADOS**

### **Resumen de la evidencia identificada**

Se identificaron 420 títulos en L·OVE, y 217 revisiones sistemáticas y 490 ensayos clínicos en la búsqueda adicional. Luego de eliminar duplicados y excluir por título y resumen quedaron 4 revisiones sistemáticas y 7 ensayos clínicos para revisión de texto completo.

Finalmente, no se encontraron revisiones sistemáticas ni ensayos clínicos que se relacionaran a la pregunta de manera directa ni indirectamente. El flujograma de selección se presenta en el Anexo 3.

### **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

## Anexo 1: estrategia de búsqueda para Revisiones Sistemáticas

### MEDLINE OVID

Database: Ovid MEDLINE(R) ALL <1946 to July 22, 2019>

Search Strategy:

- 
- 1 Focal Infection, Dental/ (2243)
  - 2 odontogenic infections.mp. (473)
  - 3 odontogenic infection\*.ti,ab. (831)
  - 4 (odonto\* 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] (1029)
  - 5 (Infectio\* adj2 tooth).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] (130)
  - 6 orofacial infection\*.mp. (127)
  - 7 orofacial infection\*.ti,ab. (125)
  - 8 dentoalveolar infection.mp. (23)
  - 9 dentoalveolar infection.ti,ab. (23)
  - 10 dental abscess.mp. (220)
  - 11 dental abscess.ti,ab. (209)
  - 12 tooth abscess.mp. (38)
  - 13 tooth abscess.ti,ab. (37)
  - 14 Periapical Abscess/ (1811)
  - 15 periapical abscess.ti,ab. (2)
  - 16 Cellulitis/ (7278)
  - 17 cellulitis.ti,ab. (8343)
  - 18 (cellulitis adj2 odontogenic).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] (30)
  - 19 Pericoronitis/ (434)
  - 20 pericoronitis.ti,ab. (319)
  - 21 periapical infection.mp. (138)
  - 22 periapical infection.ti,ab. (133)
  - 23 Periapical tooth abscess.ti,ab. (3)
  - 24 periodontal infection\*.mp. (929)
  - 25 periodontal infection\*.ti,ab. (920)
  - 26 gum infection.ti,ab. (9)
  - 27 peridontal abscess.ti,ab. (1)
  - 28 or/1-27 (18278)
  - 29 Drainage/ (41023)
  - 30 drain\*.ti,ab. (123395)

- 31 or/29-30 (139881)  
 32 28 and 31 (1599)  
 33 systematic review.tw. or meta analysis.pt. (198422)  
 34 32 and 33 (14)

**EMBASE**

ELSEVIER

No.	Query Results	
#43	#37 AND #4238	
#42	#38 OR #39 OR #40 OR #41	401846
#41	'meta analysis'	251020
#40	'meta analysis (topic)'	39939
#39	'systematic review'	272107
#38	'systematic review (topic)'	23514
#37	#30 AND #363197	
#36	#31 OR #32 OR #33 OR #34 OR #35	216990
#35	'drain*':ti,ab	172621
#34	'drainage methods'	610
#33	'abscess drainage'	9117
#32	'drain*'	216990
#31	'drainage'	166015
#30	#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 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29	100469
#29	'peridontal abscess':ti,ab	1
#28	'peridontal abscess'	1
#27	'gum infection':ti,ab	12
#26	'gum infection'	16
#25	'periodontal infection':ti,ab	582
#24	'periodontal disease'	55732
#23	'periapical tooth abscess':ti,ab	4
#22	'periapical infection'	141
#21	'pericoronitis'	371
#20	'gingiva disease'	8736
#19	cellulitis NEAR/2 tooth*	23
#18	cellulitis NEAR/2 odontog*	43
#17	'cellulitis'	24588
#16	'periapical disease':ti,ab	206
#15	'periapical disease'	6534
#14	'tooth periapical disease'	6463
#13	'tooth abscess':ti,ab	69
#12	'dental abscess'	330
#11	'tooth abscess'	913
#10	'dentoalveolar infection':ti,ab	23
#9	'orofacial infection':ti,ab	27
#8	'orofacial infection'	34

#7	infection NEAR/2 tooth	5007
#6	odonto* NEAR/2 infection*	1225
#5	'odontogenic infection*':ti,ab	978
#4	'tooth infection':ti,ab	57
#3	'odontogenic infection'	602
#2	'focal infection, dental'	6
#1	'tooth infection'/exp7908	

## COCHRANE LIBRARY

ID	Search	Hits
#1	MeSH descriptor: [Focal Infection, Dental] explode all trees	19
#2	Focal Infection, Dental	37
#3	odontogenic infections	47
#4	odonto* adj2 infection*	6
#5	Infectio* adj2 tooth	30
#6	orofacial infection*	56
#7	dentoalveolar infection	24
#8	dental abscess	156
#9	tooth abscess	206
#10	MeSH descriptor: [Periapical Abscess] explode all trees	38
#11	Periapical Abscess	83
#12	MeSH descriptor: [Cellulitis] explode all trees	148
#13	Cellulitis	1246
#14	cellulitis NEAR/2 odontog*	3
#15	MeSH descriptor: [Pericoronitis] explode all trees	22
#16	Pericoronitis	89
#17	periapical infection	123
#18	Periapical tooth abscess	63
#19	periodontal infection*	481
#20	gum infection	180
#21	#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 OR #20	2326
#22	MeSH descriptor: [Drainage] explode all trees	2648
#23	drain*	11090
#24	Drainage methods	5185
#25	#22 or #23 or #24	11929
#26	#21 AND #25	220

## Centre for Reviews and Dissemination

dental AND drain\*

CINAHL

S20 S18 AND S19

S19 systematic review or meta-analysis

S18 S14 AND S17  
 S17 S15 OR S16  
 S16 drain  
 S15 drainage  
 S14 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12  
 OR S13  
 S13 periodontal abscess  
 S12 gum infection  
 S11 periodontal infection\*  
 S10 Periapical tooth abscess  
 S9 periapical abscess  
 S8 Cellulitis  
 S7 periapical infection  
 S6 Pericoronitis  
 S5 tooth abscess  
 S4 dental abscess  
 S3 orofacial infection  
 S2 odontogenic infection\*  
 S1 Focal Infection, Dental

## LILACS

(tw:((tw:((tw:((tw:(odontogenic infection\*)) OR (tw:(orofacial infection)) OR (tw:(dentoalveolar infection\*)) OR (tw:(dental abscess)) OR (tw:(tooth abscess)) OR (tw:(periapical abscess)) OR (tw:(cellulitis)) OR (tw:(gum infection)) OR (tw:(peridontal abscess)) OR (tw:(periodontal infection\*)))))) AND (tw:((tw:(drainage)) OR (tw:(drain\*)) OR (tw:(drainage methods)))) AND (instance:"regional") AND ( type\_of\_study:"systematic\_reviews"))

## SCOPUS

(( (odontogenic AND infection\* OR orofacial AND infection OR dentoalveolar AND infection\* OR dental AND abscess OR periapical AND absces OR cellulitis OR gum AND infection OR peridontal AND abscess OR periodontal AND infection\* ))) AND (( drainage OR drain )) AND ( systematic AND review OR meta AND analysis )

## BIB BRAS

tw:((tw:((tw:((tw:((tw:(odontogenic infection\*)) OR (tw:(orofacial infection)) OR (tw:(dentoalveolar infection\*)) OR (tw:(dental abscess)) OR (tw:(tooth abscess)) OR (tw:(periapical abscess)) OR (tw:(cellulitis)) OR (tw:(gum infection)) OR (tw:(peridontal abscess)) OR (tw:(periodontal infection\*)))))) AND (tw:((tw:(drainage)) OR (tw:(drain\*)) OR (tw:(drainage methods)))) ) AND (instance:odontologia) AND ( db:"BBO"))

## Anexo 2: estrategia de búsqueda para Ensayos Clínicos

### MEDLINE OVID

Database: Ovid MEDLINE(R) ALL <1946 to July 22, 2019>

Search Strategy:

- 
- 1 Focal Infection, Dental/ (2243)
  - 2 odontogenic infections.mp. (473)
  - 3 odontogenic infection\*.ti,ab. (831)
  - 4 (odonto\* 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] (1029)
  - 5 (Infectio\* adj2 tooth).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] (130)
  - 6 orofacial infection\*.mp. (127)
  - 7 orofacial infection\*.ti,ab. (125)
  - 8 dentoalveolar infection.mp. (23)
  - 9 dentoalveolar infection.ti,ab. (23)
  - 10 dental abscess.mp. (220)
  - 11 dental abscess.ti,ab. (209)
  - 12 tooth abscess.mp. (38)
  - 13 tooth abscess.ti,ab. (37)
  - 14 Periapical Abscess/ (1811)
  - 15 periapical abcess.ti,ab. (2)
  - 16 Cellulitis/ (7278)
  - 17 cellulitis.ti,ab. (8343)
  - 18 (cellulitis adj2 odontogenic).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] (30)
  - 19 Pericoronitis/ (434)
  - 20 pericoronitis.ti,ab. (319)
  - 21 periapical infection.mp. (138)
  - 22 periapical infection.ti,ab. (133)
  - 23 Periapical tooth abscess.ti,ab. (3)
  - 24 periodontal infection\*.mp. (929)
  - 25 periodontal infection\*.ti,ab. (920)
  - 26 gum infection.ti,ab. (9)
  - 27 peridontal abscess.ti,ab. (1)
  - 28 or/1-27 (18278)
  - 29 Drainage/ (41023)
  - 30 drain\*.ti,ab. (123395)

- 31 Drainage methods.mp. (129)
- 32 Drainage methods.ti,ab. (123)
- 33 or/29-32 (139881)
- 34 28 and 33 (1599)
- 35 randomized controlled trial.pt. (485832)
- 36 controlled clinical trial.pt. (93171)
- 37 randomized.ab. (449554)
- 38 placebo.ab. (199413)
- 39 clinical trials as topic.sh. (187712)
- 40 randomly.ab. (314971)
- 41 trial.ti. (202028)
- 42 or/35-41 (1228251)
- 43 exp animals/ not humans.sh. (4600951)
- 44 42 not 43 (1129629)
- 45 34 and 44 (72)

### EMBASE ELSEVIER

No. Query Results

#39 #37 AND #38 196

#38 '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  
2435337

#37 #30 AND #36 3197

#36 #31 OR #32 OR #33 OR #34 OR #35 216990

#35 'drain\*':ti,ab 172621

#34 'drainage methods' 610

#33 'abscess drainage' 9117

#32 'drain\*' 216990

#31 'drainage' 166015

#30 #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 OR #20 OR #21 OR #22 OR #23 OR #24 OR #25 OR #26 OR #27 OR #28 OR #29 100469

#29 'peridontal abscess':ti,ab 1

#28 'peridontal abscess' 1

#27 'gum infection':ti,ab 12

#26 'gum infection' 16

#25 'periodontal infection':ti,ab 582

#24 'periodontal disease' 55732

#23 'periapical tooth abscess':ti,ab 4

#22 'periapical infection' 141

#21 'pericoronitis' 371

#20 'gingiva disease' 8736



#19	cellulitis NEAR/2 tooth*	23
#18	cellulitis NEAR/2 odontog*	43
#17	'cellulitis'	24588
#16	'periapical disease':ti,ab	206
#15	'periapical disease'	6534
#14	'tooth periapical disease'	6463
#13	'tooth abscess':ti,ab	69
#12	'dental abscess'	330
#11	'tooth abscess'	913
#10	'dentoalveolar infection':ti,ab	23
#9	'orofacial infection':ti,ab	27
#8	'orofacial infection'	34
#7	infection NEAR/2 tooth	5007
#6	odonto* NEAR/2 infection*	1225
#5	'odontogenic infection*':ti,ab	978
#4	'tooth infection':ti,ab	57
#3	'odontogenic infection'	602
#2	'focal infection, dental'	6
#1	'tooth infection'/exp7908	

**CENTRAL**

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

Search Strategy:

- 
- 1 Focal Infection, Dental/ (19)
  - 2 odontogenic infections.mp. (28)
  - 3 odontogenic infection\*.ti,ab. (40)
  - 4 (odonto\* adj2 infection\*).mp. [mp=title, original title, abstract, mesh headings, heading words, keyword] (47)
  - 5 (Infectio\* adj2 tooth).mp. [mp=title, original title, abstract, mesh headings, heading words, keyword] (110)
  - 6 orofacial infection\*.mp. (12)
  - 7 orofacial infection\*.ti,ab. (12)
  - 8 dentoalveolar infection.mp. (2)
  - 9 dentoalveolar infection.ti,ab. (2)
  - 10 dental abscess.mp. (11)
  - 11 dental abscess.ti,ab. (11)
  - 12 tooth abscess.mp. (55)
  - 13 tooth abscess.ti,ab. (2)
  - 14 Periapical Abscess/ (37)
  - 15 periapical abcess.ti,ab. (2)
  - 16 Cellulitis/ (143)
  - 17 cellulitis.ti,ab. (601)
  - 18 (cellulitis adj2 odontogenic).mp. [mp=title, original title, abstract, mesh headings, heading words, keyword] (3)

- 19 Pericoronitis/ (20)
- 20 pericoronitis.ti,ab. (74)
- 21 periapical infection.mp. (8)
- 22 periapical infection.ti,ab. (8)
- 23 Periapical tooth abscess.ti,ab. (0)
- 24 periodontal infection\*.mp. (79)
- 25 periodontal infection\*.ti,ab. (79)
- 26 gum infection.ti,ab. (5)
- 27 peridontal abscess.ti,ab. (0)
- 28 or/1-27 (1069)
- 29 Drainage/ (1485)
- 30 drain\*.ti,ab. (9703)
- 31 Drainage methods.mp. (54)
- 32 Drainage methods.ti,ab. (53)
- 33 or/29-32 (9908)
- 34 28 and 33 (128)

**CINAHL**

- S19 randomized controlled trials or rtc or randomised control trials
- S20 S18 AND S19
- S18 S14 AND S17
- S17 S15 OR S16
- S16 drain
- S15 drainage
- S14 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13
- S13 periodontal abscess
- S12 gum infection
- S11 periodontal infection\*
- S10 Periapical tooth abscess
- S9 periapical abscess
- S8 Cellulitis
- S7 periapical infection
- S6 Pericoronitis
- S5 tooth abscess
- S4 dental abscess
- S3 orofacial infection
- S2 odontogenic infection\*
- S1 Focal Infection, Dental

**LILACS**

(tw:((tw:((tw:((tw:(odontogenic infection\*)) OR (tw:(orofacial infection)) OR (tw:(dentoalveolar infection\*)) OR (tw:(dental abscess)) OR (tw:(tooth abscess)) OR (tw:(periapical abscess)) OR (tw:(cellulitis)) OR (tw:(gum infection)) OR (tw:(peridontal

abscess)) OR (tw:(periodontal infection\*))) ) AND (tw:(tw:(drainage)) OR (tw:(drain\*)) OR (tw:(drainage methods))) AND (instance:"regional")  
SCOPUS

(( (odontogenic AND infection\* OR orofacial AND infection OR dentoalveolar AND infection\* OR dental AND abscess OR periapical AND abscess OR cellulitis OR gum AND infection OR peridontal AND abscess OR periodontal AND infection\* ) ) AND ( (drainage OR drain ) ) ) AND ( randomized AND clinical AND trial OR clinical AND trial OR random OR placebo )

### **BIB BRAS**

tw:(tw:(tw:(tw:(tw:(odontogenic infection\*)) OR (tw:(orofacial infection)) OR (tw:(dentoalveolar infection\*)) OR (tw:(dental abscess)) OR (tw:(tooth abscess)) OR (tw:(periapical abscess)) OR (tw:(cellulitis)) OR (tw:(gum infection)) OR (tw:(peridontal abscess)) OR (tw:(periodontal infection\*))) ) ) ) AND (tw:(tw:(drainage)) OR (tw:(drain\*)) OR (tw:(drainage methods))) ) AND (instance:odontologia) AND (db:"BBO")

### **CLINICAL TRIALS.GOV**

drainage | odontogenic infection\* or orofacial infection\* OR tooth infection\* OR dentoalveolar infection\* OR dental abscess OR tooth abscess OR Periapical Abscess OR Cellulitis OR Pericoronitis OR periapical infection OR periodontal infection\* OR gum infection

### **WHO TRIALS**

odontogenic infection\* or orofacial infection\* OR tooth infection\* OR dentoalveolar infection\* OR dental abscess OR tooth abscess OR Periapical Abscess OR Cellulitis OR Pericoronitis OR periapical i

Anexo 3: Flujograma de selección de estudio.

