



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

INFORME DE BÚSQUEDA Y SÍNTESIS DE COSTO-EFECTIVIDAD

Guía de Práctica Clínica

Patologías pulpares y periapicales en dentición permanente 2019

PREGUNTA: EN PERSONAS CON DIENTE PERMANENTE JOVEN CON DIAGNÓSTICO DE PULPITIS IRREVERSIBLE SINTOMÁTICA ¿SE DEBE “REALIZAR PULPOTOMÍA PARCIAL” EN COMPARACIÓN A “PULPOTOMÍA TOTAL”?

Uno de los factores a considerar para formular una recomendación en Guías de Práctica Clínica con la metodología “*Grading of Recommendations Assessment, Development and Evaluation*” es la relación entre la efectividad y los costos de las intervenciones a evaluar.

BÚSQUEDA DE EVALUACIONES ECONÓMICAS

Para determinar si la evidencia de costo-efectividad de las tecnologías sanitarias era necesaria se aplicaron los siguientes criterios en conjunto con el equipo de expertos:

- Mucha variabilidad en la práctica clínica.
- Incertidumbre relevante respecto a costo efectividad de intervenciones evaluadas.
- Cambio en práctica clínica acarrea altos beneficios en términos de salud.
- El cambio en la práctica clínica puede tener un impacto relevante en costos y el presupuesto del sistema de salud.

La búsqueda consideró estudios de costo-efectividad y revisiones sistemáticas de evaluaciones de costo-efectividad de la realización de pulpotomía parcial versus la realización de pulpotomía total en personas con diente permanente joven con diagnóstico de pulpitis irreversible sintomática. Se identificaron términos MESH y términos de texto libre asociados a la población. La búsqueda consideró estudios publicados en inglés y español, en las siguientes bases de datos: MEDLINE, EMBASE, COCHRANE, GOOGLE, BRISA y en el National Institute for health and Care Excellence (NICE).

Ver detalle en Anexo 1 “*Términos de Búsqueda y Resultados de la búsqueda*”.

SÍNTESIS DE EVIDENCIA SEGÚN PREGUNTA

Al ejecutar la búsqueda de evidencia para la pregunta, no se encontraron artículos en ninguna de las fuentes buscadas.

RESUMEN DE LA EVIDENCIA BUSCADA

No se encontraron artículos relacionados con la pregunta de interés en ninguna de las bases de datos previamente mencionadas.

ANEXO 1: ESTRATEGIA DE BÚSQUEDA Y RESULTADOS DE LA BÚSQUEDA

| | Términos libres | DECS | MeSH |
|----------|--|--|---|
| P | Immature permanent tooth, immature permanent teeth, immature permanent molar, Permanent Young teeth, Young permanent teeth, Young permanent tooth, Young permanent molar, Young permanent molars, Young teeth, Young tooth, Young permanent vital teeth o Young permanent non-vital teeth, Symptomatic Irreversible pulpitis, Irreversible pulpitis y Pulpitis | Diente permanente joven, diente inmaduro, diente con raíz aún no formada, pulpitis irreversible sintomática | Pulpitis |
| I | Partial pulpotomy, partial pulpotomies, calcium hydroxide pulpotomy, calcium hydroxide pulpotomies, Young permanent partial pulpotomy, Young permanent partial pulpotomies, pulp curettage, cvek pulpotomy y cvek pulpotomies | Pulpotomía parcial, pulpotomía con hidróxido de calcio, pulpotomía de Cvek o curetaje pulpar | Pulpotomy |
| C | Pulpotomy, complete pulpotomy y total pulpotomy | Pulpotomía, pulpotomía completa, pulpotomía total | Pulpotomy |
| O | Cost benefit analysis, cost effectiveness, cost utility analysis, economic evaluation, marginal analysis, pricing, biomedical technology assessment, health technology assessment, economics, willingness to pay, health care cost, ICER, QALY, DALY, quality adjusted life years, disability adjusted life years, incremental cost effectiveness ratio | Análisis costo beneficio, análisis costo efectividad, análisis costo utilidad, evaluación económica, análisis de precio, tecnologías biomédicas, evaluación de tecnologías, disponibilidad de pago, costos en salud, costos sanitarios, ICER, QALY, DALY, quality adjusted life years, disability adjusted life years, incremental cost effectiveness ratio, AVAC, año de vida ajustado por calidad, razón costo efectividad, año de vida ajustado por | Cost-benefit analysis, costs and cost analysis, technology assessment, biomedical |

| Base de datos | Fecha de búsqueda | Resultados | Resultados después de remover duplicados |
|----------------------|--------------------------|-------------------|---|
| Medline-Pubmed | 19.08.2019 | 0 | 0 |
| EMBASE | 19.08.2019 | 0 | 0 |
| NICE | 19.08.2019 | 0 | 0 |
| BRISA (RedETSA) | 19.08.2019 | 0 | 0 |
| COCHRANE | 19.08.2019 | 0 | 0 |
| GOOGLE | 19.08.2019 | 0 | 0 |
| Total | 19.08.2019 | 0 | 0 |

Estrategias de Búsqueda

PUBMED

| | | |
|---|--|----------|
| 1 | Immature permanent tooth[Text Word] or immature permanent teeth[Text Word] or immature permanent molar[Text Word] or Permanent Young teeth[Text Word] or Young permanent teeth[Text Word] or Young permanent tooth[Text Word] or Young permanent molar[Text Word] or Young permanent molars[Text Word] or Young teeth[Text Word] or Young tooth[Text Word] or Young permanent vital teeth[Text Word] or Young permanent non-vital teeth[Text Word] | 623 |
| 2 | Symptomatic Irreversible pulpitis[Text Word] or Irreversible pulpitis[Text Word] or Pulpitis[Text Word] or Pulpitis[MeSH Terms] | 3290 |
| 3 | ((partial pulpotomy[Text Word] or partial pulpotomies[Text Word] or calcium hydroxide pulpotomy[Text Word] or calcium hydroxide pulpotomies[Text Word] or Young permanent partial pulpotomy[Text Word] or Young permanent partial pulpotomies[Text Word] or pulp curettage[Text Word] or cvek pulpotomy[Text Word] or cvek pulpotomies[Text Word])) and (pulpotomy[MeSH Terms] or (pulpotomy[Text Word] or complete pulpotomy[Text Word] or total pulpotomy[Text Word])) | 137 |
| 4 | (((((cost-benefit analysis[MeSH Terms]) or (costs and cost analysis[MeSH Terms])) or technology assessment, biomedical[MeSH Terms]) or Analyses, Cost-Benefit[Text Word]) or Analysis, Cost-Benefit[Text Word]) or Cost-Benefit Analyses[Text Word] or Cost Benefit Analysis[Text Word] or Analyses, Cost Benefit[Text Word] or Analysis, Cost Benefit[Text Word] or Cost Benefit Analyses[Text Word] or Cost Effectiveness[Text Word] or Effectiveness, Cost[Text Word] or Cost-Benefit Data[Text Word] or Cost Benefit Data[Text Word] or Data, Cost-Benefit[Text Word] or Cost-Utility Analysis[Text Word] or Analyses, Cost-Utility[Text Word] or Analysis, Cost-Utility[Text Word] or Cost Utility Analysis[Text Word] or Cost-Utility Analyses[Text Word] or Economic Evaluation[Text Word] or Economic Evaluations[Text Word] or Evaluation, Economic[Text Word] or Evaluations, Economic[Text Word] or Marginal Analysis[Text Word] or Analyses, Marginal[Text Word] or Analysis, Marginal[Text Word] or Marginal Analyses[Text Word] or Cost Benefit[Text Word] or (Costs[Text Word] and Benefits[Text Word]) or (Benefits[Text Word] and Costs[Text Word]) or Cost-Effectiveness Analysis[Text Word] or Analysis, Cost-Effectiveness[Text Word] or Cost Effectiveness Analysis[Text Word] or (Costs[Text Word] and Cost Analysis[Text Word]) or Affordability[Text Word] or Affordabilities[Text Word] or Cost-Minimization Analysis[Text Word] or Analyses, Cost-Minimization[Text Word] or Analysis, Cost-Minimization[Text Word] or Cost Minimization Analysis[Text Word] or Cost-Minimization Analyses[Text Word] or Pricing[Text Word] or Cost[Text Word] or Costs[Text Word] or Biomedical Technology Assessment[Text Word] or Technology Assessment, Health[Text Word] or Assessment, Health Technology[Text Word] or Assessments, Health Technology[Text Word] or Health Technology Assessment[Text Word] or Health Technology Assessments[Text Word] or Technology Assessments, Health[Text Word] or Assessment, Biomedical Technology[Text Word] or Assessments, Biomedical Technology[Text Word] or Biomedical Technology Assessments[Text Word] or Technology Assessments, Biomedical[Text Word] or Technology Assessment[Text Word] or Assessment, Technology[Text Word] or Assessments, Technology[Text Word] or Technology Assessments[Text Word] or Economics[Text Word] or willingness to pay[Text Word] or willingness-to-pay[Text Word] or health care cost[Text Word] or ICER[Text Word] or QALY[Text Word] or DALY[Text Word] or Quality-Adjusted-Life-Years[Text Word] or Quality Adjusted Life Years[Text Word] or Disability-Adjusted-Life-Years[Text Word] or Disability Adjusted Life-Years[Text Word] or Incremental Cost Effectiveness Ratio[Text Word]) | 907120 |
| 5 | (pubmed books[filter] or Case Reports[ptyp] or Clinical Study[ptyp] or systematic[sb] or Government Document[ptyp] or Clinical Trial, Phase III[ptyp] or Clinical Trial, Phase II[ptyp] or Clinical Trial, Phase I[ptyp] or Clinical Trial Protocol[ptyp] or Clinical Trial[ptyp] or Clinical Trial, Phase IV[ptyp] or Comparative Study[ptyp] or Controlled Clinical Trial[ptyp] or English Abstract[ptyp] or Evaluation Studies[ptyp] or Guideline[ptyp] or Journal Article[ptyp] or Lecture[ptyp] or Meta-Analysis[ptyp] or Multicenter Study[ptyp] or Observational Study[ptyp] or Overall[ptyp] or Practice Guideline[ptyp] or Review[ptyp] or Randomized Controlled Trial[ptyp] or Pragmatic Clinical Trial[ptyp]) | 28461267 |
| 6 | ("1999/01/01"[PDAT] : "2019/08/19"[PDAT]) | 17017913 |
| 7 | (English[lang] or German[lang] or Portuguese[lang] or Spanish[lang]) | 26583508 |
| 8 | #1 and #2 and #3 and #4 and #5 and #6 and #7 | 0 |

EMBASE

| | | |
|----------|---|----------------|
| 1 | (Economic evaluation or biomedical technology assessment or health economics or quality adjusted life year or disability-adjusted life year).sh. or (Economic evaluation* or <u>disease management</u> or <u>health economics</u> or <u>cost minimization analysis</u> or cost minimization or cost-minimization or <u>cost benefit analysis</u> or cost-benefit or cost benefit or <u>cost control</u> or <u>cost effectiveness analysis</u> or cost-effectiveness or cost effectiveness or <u>cost minimization analysis</u> or <u>cost of illness</u> or <u>cost utility analysis</u> or cost utility or cost-utility or biomedical technology assessment or <u>health technology assessment</u> or biomedical <u>technology assessment</u> or high-cost <u>technology</u> or <u>health care quality</u> or health economics or dental economics or economics, dental or economics, hospital or hospital economics or economics, medical or medical economics or medical, nursing or nursing economics or economic aspect or health care concept or health care concepts or device economics or pharmacoeconomics or cost* or benefit* or pricing* or affordabilit* or marginal analysis or quality adjusted life year or qaly or quality-adjusted-life-year or disease burden or quality of life or disability adjusted life year or DALY or DALYs or disability-adjusted life year or disability-adjusted-life-year or ICER or Willingness to pay or Willingness-to-pay or Incremental cost effectiveness ratio or Incremental-cost-effectiveness-ratio).tw. | 1936356 |
| 2 | (Immature permanent tooth or immature permanent teeth or immature permanent molar or Permanent Young teeth or Young permanent teeth or Young permanent tooth or Young permanent molar or Young permanent molars or Young teeth or Young tooth or Young permanent vital teeth or Young permanent non-vital teeth).tw. | 475 |
| 3 | (Symptomatic Irreversible pulpitis or Irreversible pulpitis or pulpitis).tw. | 1269 |
| 4 | ((partial pulpotomy or partial pulpotomies or calcium hydroxide pulpotomy or calcium hydroxide pulpotomies or Young permanent partial pulpotomy or Young permanent partial pulpotomies or pulp curettage or cvek pulpotomy or cvek pulpotomies).tw.) and (pulpotomy.sh. or (total pulpotomy or complete pulpotomy or pulpotomy).tw.)) | 289 |
| 5 | 1 and 2 and 3 and 4 | 0 |
| 6 | limit 5 to (english or german or portuguese or spanish) | 0 |
| 7 | limit 6 to (article or article in press or books or chapter or "review") | 0 |
| 8 | limit 7 to last 20 years | 0 |
| 9 | limit 8 to embase | 0 |