

**Table S2.** Search string.

<b><i>Pubmed</i></b>	<p>Vital pulp therapy [tiab] OR pulpotomy [mh] OR partial pulpotomy [tiab] OR coronal pulpotomy [tiab] OR pulp therapy [tiab] OR direct pulp therapy [tiab] OR pulp cavity [tiab] OR reversible pulpitis [tiab] OR irreversible pulpitis [tiab] OR pulpitis[tiab] OR minimal endodontic treatment [tiab] OR pulp treatment [tiab] OR pulp diagnosis [tiab] OR pulp exposure [tiab] OR pulp cavity[tiab] OR pulp survival [tiab] OR pulp symptoms [tiab]  AND  dental caries [mh] OR dental [tiab] AND caries [tiab]OR dental pulp cavity [mh] OR dental [tiab] AND pulp [tiab] AND cavity [tiab]) OR dental caries[mh] OR ICDAS [tiab] OR first molar [tiab] OR young permanent tooth [tiab] OR young permanent molar [tiab] OR deep caries [tiab]  Filters: results by year 2012-2022</p>
<b><i>Embase</i></b>	<p>((('pulpotomy'/exp OR 'partial pulpotomy' OR (('partial' NEAR/3 'pulpotomy'):ab,ti) OR 'endodontic procedure' OR 'coronal pulpotomy' OR 'minimal endodontic procedure' OR 'pulp therapy' OR direct) AND pulp AND therapy OR reversible) AND pulpitis OR irreversible) AND pulpitis OR vital) AND pulp AND therapy OR 'endodontic procedure'/exp  AND  'dental caries'/exp OR 'dental caries' OR 'dental decay'/exp OR 'dental decay' OR ('dental' NEAR/3 'decay') OR 'mandibular first molar'/exp OR 'maxillary firs molar' OR 'mih' OR 'molar incisor hypomineralization' OR 'icdas'  Filters: results by year 2012-2022 and [article]/lim</p>
<b><i>Scopus</i></b>	<p>TITLE-ABS-KEY ( ( ( ( "vital pulp therapy" OR "partial pulpotomy" OR "pulpotomy" OR "coronal pulpotomy" OR "pulp therapy" OR "direct pulp therapy" OR "reversible pulpitis" OR "irreversible pulpitis" OR "pulpitis" OR "minimal endodontic treatment" OR ( ( "therapy" ) W/7 ( pulp* OR endo* ) ) ) ) AND ( ( "caries" OR "dental caries" OR "icdas" OR "first permanent molar" OR ( "dental" W/7 ( caries OR pulp* ) ) ) ) ) )  Filters: results by year 2012-2022 and DOCTYPE , "ar"</p>