

Appendix 1

Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily, Ovid MEDLINE and Versions(R)

Search Strategy:

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- 1 Tooth Discoloration/ (3029)
 - 2 exp maxillofacial injuries/ or exp jaw fractures/ or mandibular fractures/ or maxillary fractures/ or mandibular injuries/ or orbital fractures/ or zygomatic fractures/ (16008)
 - 3 exp tooth injuries/ or tooth avulsion/ or exp tooth fractures/ or tooth loss/ or exp tooth resorption/ (16329)
 - 4 Bites, Human/ (1062)
 - 5 dental pulp necrosis/ or tooth, nonvital/ (3824)
 - 6 exp Pulpitis/ (2643)
 - 7 Tooth Loss/ (3433)
 - 8 cracked tooth syndrome/ (201)
 - 9 Mouth Mucosa/ (25950)
 - 10 exp Tooth/ (84025)
 - 11 ear/ or cheek/ or chin/ or forehead/ or exp mouth/ or nasolabial fold/ or nose/ or parotid region/ or exp neck/ (347335)
 - 12 exp Stomatognathic System/ (394343)
 - 13 exp "Wounds and Injuries"/ (841282)
 - 14 9 or 10 or 11 or 12 (449851)
 - 15 13 and 14 (29632)
 - 16 mouth mucosa/in or palate/in or maxilla/in or jaw/in or mouth/in or lip/in or temporomandibular/in or ear/in or nose/in (4318)
 - 17 exp child abuse/ or physical abuse/ (28420)
 - 18 Battered Child Syndrome/ (668)
 - 19 Munchausen Syndrome by Proxy/ (568)
 - 20 Infanticide/ (1211)
 - 21 child/mo or infant/mo (149)
 - 22 ((fatal or physical or child* or infan* or adolesc* or toddler or newborn* or underage* or juvenile or baby or babies or natal or neonat* or neo-nat* or p?ediatric*) adj3 (death or cide* or abus* or maltreat* or mal-treat* or mistreat* or mis-treat* or battered* or assault or violen*)).mp. [mp=title, abstract, original title, name of substance word, subject heading word, keyword heading word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms] (71880)
 - 23 17 or 18 or 19 or 20 or 21 or 22 (73296)
 - 24 ((pe*diatric or child* or FATAL* or abus* or sentinel or ear or facial* or otolaryngol* or maxillo-facial* or oro-facial* or dento-alveolar* or oro-dent* or dent* or infan* or teeth or odont* or bite* or tooth or face* or oral* or tongue* or palat* or muco?s* or alveol* or intra-oral* or peri-oral* or perio-dont* or jaw* or stomato* or mouth* or fren* or frenulum* or phre?nulum* or phr?en* or maxilla* or mandib* or uvula* or fauc* or gingiva* or gum* or cheek* or bucc* or lip* or lingual* or labial* or nonaccident* or non-accident* or crown or root or vermilion or osseous or occlu* or temporo* or intent* or enamel or cement* or commissur* or neck*) adj2 (injur* or wound* or trauma* or contus* or lacerat* or avuls* or intru* or bruis* or torn* or tear*

or fracture* or bleed* or hematoma* or abrasion* or abras* or resorption* or petechia* or
ecchymosis* or purpura* or subluxation* or extrusion* or hemorrhage* or scar* or disarticulation* or
dis-articulation* or dislocation* or dis-location* or burn* or displacement* or dis-plac* or discoloration* or
dis-coloration* or perforation* or concussion* or scald* or break* or broken* or non-vital or
nonvital* or non-vital* or mobilization* or damage* or loss)).mp. [mp=title, abstract, original
title, name of substance word, subject heading word, keyword heading word, protocol
supplementary concept word, rare disease supplementary concept word, unique identifier,
synonyms] (194550)

25 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 15 or 16 or 24 (218231)

26 23 and 25 (6112)

27 limit 26 to english language (5752)

28 27 not case reports.mp. [mp=title, abstract, original title, name of substance word,
subject heading word, keyword heading word, protocol supplementary concept word, rare
disease supplementary concept word, unique identifier, synonyms] (5083)

Appendix 2
Text mining table

Concept A: oral/dental/maxillofacial injuries.

Concept B: child abuse, child homicide

Oral		Injury		Child	Abuse
Perioral/peri-oral	Maxillofacial, Maxillo-facial	Abrasion	disarticulation	Child	Abuse
Jaw	Facial, Face	Injury	dislocation	P*ediatric	Physical abuse
Mouth	Tooth Teeth Enamel Cementum	Wound	Human bite	Infan*	Maltreatment, mal-treatment
Frenum/Phrenulum /Phrenum	Dentoalveolar/alveol*	Contusion	scald	Toddler	Mistreatment, mis-treatment
Oral	Osseous	Laceration	fracture	Teenage	Intentional abuse
Dental,dent*	Palat*	Tear	displaced	Adolescent	Battered child
Maxil	Alveolar ridge/mucosa	Torn	concussion	Newborn	Violen*
Mandib*	Muc?os	Bruise	Mobil*	Juvenile	Assault
Uvula	Intraoral/intra-oral	Avulsion	bleeding	Children	Physical violence
Fauces	Crown, root	Intrusion	break	Underage	Cide* or cidal (homicide)
Commissur*	Bucc* cheek	Damage	sentinel	Babies	
Gums, gingiva	stomatognathic	Bleeding	fatal	Baby	
Periodontal	Odont*	Hematoma	Loss	Natal	
Lip, labial vermillion	Lingual, tongue	Trauma	Nonvital	neonate	
Oro-facial,oro-facial	Nonaccident*/non-accident	Resorption	Petechiae		
Orodental,oro-dental	Ear, neck	Ecchymosis	Purpura		
Occlu	Otolaryngol	Subluxation	Extruded		
Temporomandibular joint		H*emorrhage	scar		

MeSH and Emtree Thesaurus headings:

Tooth injuries

Tooth discoloration

Nonvital teeth

Human bites

Maxillofacial injury

Tooth damage

Face lesion

Face trauma

Face wound

Face bone fracture

Cracked tooth syndrome

Tooth fracture

Child abuse

Battered child syndrome

Manchausen syndrome by proxy

Infanticide