

Supplementary Table 1. Medical subject heading (MeSH) terms and keywords used in each database

Database	Medical subject heading	The number of studies found
Pubmed	("vitamin d deficiency"[MeSH Terms] OR "vitamin d deficiency"[All Fields] OR ("rickets"[MeSH Terms] OR "rickets"[All Fields] OR "hypovitaminosis d"[All Fields]) OR ((("vitamin d"[MeSH Terms] OR "vitamin d"[All Fields] OR "ergocalciferols"[MeSH Terms] OR "ergocalciferols"[All Fields]) AND ("insufficiencies"[All Fields] OR "insufficiency"[All Fields] OR "insufficient"[All Fields] OR "insufficiently"[All Fields])) OR ("ergocalciferols"[MeSH Terms] OR "ergocalciferols"[All Fields] OR "ergocalciferol"[All Fields]) OR ("25 hydroxyvitamin d"[Supplementary Concept] OR "25 hydroxyvitamin d"[All Fields] OR "25 hydroxyvitamin d"[All Fields] OR "calcifediol"[MeSH Terms] OR "calcifediol"[All Fields]) OR ("calcifediol"[MeSH Terms] OR "calcifediol"[All Fields]) OR ("cholecalciferol"[MeSH Terms] OR "cholecalciferol"[All Fields] OR "cholecalciferols"[All Fields] OR "colecalfiferol"[All Fields])) AND ("adolescences"[All Fields] OR "adolescence"[All Fields] OR "adolescent"[MeSH Terms] OR "adolescent"[All Fields] OR "adolescence"[All Fields] OR "adolescents"[All Fields] OR "adolescent s"[All Fields] OR ("paediatrics"[All Fields] OR "pediatrics"[MeSH Terms] OR "pediatrics"[All Fields] OR "paediatric"[All Fields] OR "pediatric"[All Fields]) OR ("child"[MeSH Terms] OR "child"[All Fields] OR "children"[All Fields] OR "child s"[All Fields] OR "children s"[All Fields] OR "childrens"[All Fields] OR "childs"[All Fields]) OR ("infant"[MeSH Terms] OR "infant"[All Fields] OR "infants"[All Fields] OR "infant s"[All Fields])) AND ("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "indonesia s"[All Fields] OR "indonesias"[All Fields] OR ("Nanggroe"[All Fields] AND ("acetone hydrazone"[Supplementary Concept] OR "acetone hydrazone"[All Fields] OR "aceh"[All Fields]) AND "Darussalam"[All Fields]) OR ("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "sumatera"[All Fields]) AND "Utara"[All Fields]) OR ((("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "sumatera"[All Fields]) AND "Selatan"[All Fields]) OR ((("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "sumatera"[All Fields]) AND "Barat"[All Fields]) OR "Bengkulu"[All Fields] OR "Riau"[All Fields] OR ("Kepulauan"[All Fields] AND "Riau"[All Fields]) OR "Jambi"[All Fields] OR "Lampung"[All Fields] OR ("Bangka"[All Fields] AND "Belitung"[All Fields]) OR ("Kalimantan"[All Fields] AND "Barat"[All Fields]) OR ("Kalimantan"[All Fields] AND "Timur"[All Fields]) OR ("Kalimantan"[All Fields] AND "Selatan"[All Fields]) OR ("Kalimantan"[All Fields] AND "Tengah"[All Fields]) OR ("Kalimantan"[All Fields] AND "Utara"[All Fields]) OR "Banten"[All Fields] OR ("DKI"[All Fields] AND "Jakarta"[All Fields]) OR ("Jawa"[All Fields] AND "Barat"[All Fields]) OR ("Jawa"[All Fields] AND "Tengah"[All Fields]) OR ("diagnosis"[MeSH Subheading] OR "diagnosis"[All Fields] OR "di"[All Fields]) AND "Yogyakarta"[All Fields]) OR ("Jawa"[All Fields] AND "Timur"[All Fields]) OR ("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "bali"[All Fields]) OR ("Nusa"[All Fields] AND "Tenggara"[All Fields] AND "Timur"[All Fields]) OR ("Nusa"[All Fields] AND "Tenggara"[All Fields] AND "Barat"[All Fields]) OR "Gorontalo"[All Fields] OR ((("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "sulawesi"[All Fields] OR "sulawesi s"[All Fields]) AND "Barat"[All Fields]) OR ((("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "sulawesi"[All Fields] OR "sulawesi s"[All Fields]) AND "Tengah"[All Fields]) OR ((("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "sulawesi"[All Fields] OR "sulawesi s"[All Fields]) AND "Utara"[All Fields]) OR ((("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "sulawesi"[All Fields] OR "sulawesi s"[All Fields]) AND "Tenggara"[All Fields]) OR ((("indonesia"[MeSH Terms] OR "indonesia"[All Fields] OR "sulawesi"[All Fields] OR "sulawesi s"[All Fields]) AND "Selatan s"[All Fields]) OR ("Maluku"[All Fields] AND "Utara"[All Fields]) OR "Maluku"[All Fields] OR ("Papua"[All Fields] AND "Barat"[All Fields]) OR "Papua"[All Fields]))	23
Medline	(epidemiology) OR prevalence AND Search (((((Vitamin D Deficiency) OR hypovitaminosis D) OR Vitamin D insufficiency) OR 25-hydroxyvitamin D) OR calcifediol) OR cholecalciferol AND Search (((((Adolescent) OR pediatric) OR children) OR infants AND Search (((((((((((((((((((Indonesia) OR Nanggroe Aceh Darussalam) OR Sumatera Utara) OR Sumatera Selatan) OR Sumatera Barat) OR Bengkulu) OR Riau) OR Kepulauan Riau) OR Jambi) OR Lampung) OR Bangka Belitung) OR Kalimantan Barat) OR Kalimantan Timur) OR Kalimantan Selatan) OR Kalimantan Tengah) OR Kalimantan Utara) OR Banten) OR DKI Jakarta) AND Jawa Barat) OR Jawa Tengah) OR DI Yogyakarta) OR Jawa timur) OR Bali) OR Nusa Tenggara Timur) OR Nusa Tenggara Barat) OR Gorontalo) OR Sulawesi Barat) OR Sulawesi Tengah) OR Sulawesi Utara) OR Sulawesi Tenggara) OR Sulawesi Selatan) OR Maluku Utara) OR Maluku) OR Papua Barat) OR Papua	644

Cochrane Library	(vitamin D):ti,ab,kw AND (Indonesia):ti,ab,kw	4
Google Scholar	children Indonesia pediatrics OR prevalence "vitamin D" -women -pregnancy -malaysia -cambodia -london -italy -china -adults	448
Science Direct	"Epidemiology" AND "Vitamin D Deficiency" AND "Children" AND "Indonesia"	79
Indonesian Scientific Journal Database*	Vitamin D	86
Neliti	Vitamin D AND Anak	9
	Vitamin D AND Pediatrics	5
Indonesia One Search	Vitamin D AND Anak AND Indonesia	80
	Vitamin D AND Pediatrics AND Indonesia	19

*Database does not allow the search to be conducted using Boolean terms