

Appendix 1 Literature search strategies

Pubmed

#1 ("Azithromycin"[Mesh] OR Azythromycin OR Sumamed OR Toraseptol OR Vinzam OR CP-62993 OR "CP 62993" OR CP62993 OR Zithromax OR Azitrocin OR Azadose OR Ultreon OR Zitromax OR "Azithromycin Dihydrate" OR "Dihydrate, Azithromycin" OR "Azithromycin Monohydrate" OR "Monohydrate, Azithromycin" OR Goxal OR Zentavion)

#2 ((mass OR coordinate*) AND (administ* OR distribut* OR applicat* OR "use" OR therap* OR treatment*)) OR "preventative chemotherapy" OR MDA

#3 #1 AND #2

Embase

#1 ((mass OR coordinate*) NEAR/5 (administ* OR distribut* OR applicat* OR 'use' OR therap* OR treatment*)) OR 'preventative chemotherapy' OR MDA

#2 'azythromycin' OR 'azythromycin'/exp OR azythromycin OR 'sumamed' OR 'sumamed'/exp OR sumamed OR toraseptol OR 'vinzam' OR 'vinzam'/exp OR vinzam OR 'cp 62993'/exp OR 'cp 62993' OR 'cp62993' OR 'cp62993'/exp OR cp62993 OR 'zithromax' OR 'zithromax'/exp OR zithromax OR 'azitrocin' OR 'azitrocin'/exp OR azitrocin OR 'azadose' OR 'azadose'/exp OR azadose OR 'ultreon' OR 'ultreon'/exp OR ultreon OR 'zitromax' OR 'zitromax'/exp OR zitromax OR 'azithromycin dihydrate'/exp OR 'azithromycin dihydrate' OR 'dihydrate, azithromycin' OR 'azithromycin monohydrate'/exp OR 'azithromycin monohydrate' OR 'monohydrate, azithromycin' OR goxal OR zentavion

#3 #1 AND #2

Web of Science

(((mass OR coordinate*) AND (administ* OR distribut* OR applicat* OR "use" OR therap* OR treatment*)) OR "preventative chemotherapy" OR MDA) AND (Azythromycin OR Sumamed OR Toraseptol OR Vinzam OR CP-62993 OR "CP 62993" OR CP62993 OR Zithromax OR Azitrocin OR Azadose OR Ultreon OR Zitromax OR "Azithromycin Dihydrate" OR "Dihydrate, Azithromycin" OR "Azithromycin Monohydrate" OR "Monohydrate, Azithromycin" OR Goxal

OR Zentavion)

Cochrane Central Register of Controlled Trials (CENTRAL)

#1 MeSH descriptor: [Azythromycin] explode all trees

#2 (Azythromycin):ti,ab,kw OR (Sumamed):ti,ab,kw OR (Toraseptol):ti,ab,kw OR (Vinzam):ti,ab,kw OR (CP-62993):ti,ab,kw OR ("CP 62993"):ti,ab,kw OR (CP62993):ti,ab,kw OR (Zithromax):ti,ab,kw OR (Azitrocin):ti,ab,kw OR (Azadose):ti,ab,kw OR (Ultreon):ti,ab,kw OR (Zitromax):ti,ab,kw OR ("Azithromycin Dihydrate"):ti,ab,kw OR ("Dihydrate, Azithromycin"):ti,ab,kw OR ("Azithromycin Monohydrate"):ti,ab,kw OR ("Monohydrate, Azithromycin"):ti,ab,kw OR (Goxal):ti,ab,kw OR (Zentavion):ti,ab,kw (word variations have been searched)

#3 #1 OR #2

#4 MeSH descriptor: [Mass Drug Administration] explode all trees

#5 ((mass OR coordinate*) NEAR/5 (administ* OR distribut* OR applicat* OR 'use' OR therap* OR treatment*)) OR 'preventative chemotherapy' OR MDA):ti,ab,kw (word variations have been searched)

#6 #4 OR #5

#7 #6 AND #3

ClinicalTrials.gov

Other terms: "Mass Drug Administ*" OR "Drug Administration, Mass" OR "Mass Administration" OR "Mass Administrations" OR "mass treatment" OR "Mass distribut*" OR "Mass applicat*" OR "mass therap*" OR "mass treatment*" OR "preventative chemotherapy" OR MDA

Intervention/treatment: (Azythromycin OR Sumamed OR Toraseptol OR Vinzam OR CP-62993 OR CP 62993 OR CP62993 OR Zithromax OR Azitrocin OR Azadose OR Ultreon OR Zitromax OR "Azithromycin Dihydrate" OR "Monohydrate, Azithromycin" OR Goxal OR Zentavion)

World Health Organization International Clinical Trials Registry Platform (WHO ICTRP)

Use the term of "Mass drug AND Azythromycin"