**Pubmed search strategy**

(((((((("Malnutrition/diagnosis"[Mesh] OR "Malnutrition/prevention and control"[Mesh])) OR ("Child Nutrition Disorders/diagnosis"[Mesh] OR "Child Nutrition Disorders/prevention and control"[Mesh])) OR ("Infant Nutrition Disorders/diagnosis"[Mesh] OR "Infant Nutrition Disorders/prevention and control"[Mesh])) OR (malnutrition[tiab] OR undernutrition[tiab] OR (nutrition\*[tiab] AND disorder[tiab])))) OR (((("nutritional risk score"[tiab] OR "malnutrition score"[tiab] OR (screening[tiab] AND (nutrition\*[tiab] OR malnutrition\*[tiab])))) OR ("Mass Screening"[Mesh:noexp])) OR ("Nutrition Assessment"[Mesh])))) AND ((((((((("child"[Mesh])) OR ("infant"[Mesh]))) OR (pediatric[tiab] OR paediatric[tiab] OR child[tiab] OR children[tiab] OR childhood[tiab]))) AND (hospital\*[tiab] OR clinic[tiab] OR "in-patient\*"[tiab] OR "inpatient\*"[tiab] OR "in-hospital"[tiab] OR "admitted"[tiab]))) OR ("Child, Hospitalized"[Mesh]))

**Embase search strategy**

'malnutrition'/exp AND [embase]/lim OR (malnutrition:ab,ti AND [embase]/lim) OR (nutrition\*:ab,ti AND [embase]/lim AND disorder:ab,ti) OR 'nutritional risk score':ab,ti OR 'nutrition risk score':ab,ti OR ('screening':ab,ti AND [embase]/lim AND (nutrition\*:ab,ti OR (malnutrition\* AND [embase]/lim))) OR ('screening test'/exp AND [embase]/lim) OR ('scoring system'/exp AND [embase]/lim) OR ('anonymous testing'/exp AND [embase]/lim) OR ('nutritional assessment'/exp AND [embase]/lim) AND ('hospitalized infant'/exp AND [embase]/lim OR ('hospitalized child'/exp AND [embase]/lim) OR ('child'/exp AND [embase]/lim OR (pediatric:ab,ti AND [embase]/lim) OR (paediatric:ab,ti AND [embase]/lim) OR (child:ab,ti AND [embase]/lim) OR (children:ab,ti AND [embase]/lim) OR (childhood:ab,ti AND [embase]/lim) AND ('hospital'/exp AND [embase]/lim OR (hospital\*:ab,ti AND [embase]/lim) OR (clinic:ab,ti AND [embase]/lim) OR ('in patient':ab,ti AND [embase]/lim) OR (inpatient:ab,ti AND [embase]/lim) OR ('in hospital':ab,ti AND [embase]/lim) OR (admitted:ab,ti AND [embase]/lim)))) NOT ('malnutrition'/exp AND [embase]/lim OR (malnutrition:ab,ti AND [embase]/lim) OR (nutrition\*:ab,ti AND [embase]/lim AND disorder:ab,ti) OR 'nutritional risk score':ab,ti OR 'nutrition risk score':ab,ti OR ('screening':ab,ti AND [embase]/lim AND (nutrition\*:ab,ti OR (malnutrition\* AND [embase]/lim))) OR ('screening test'/exp AND [embase]/lim) OR ('scoring system'/exp AND [embase]/lim) OR ('anonymous testing'/exp AND [embase]/lim) OR ('nutritional assessment'/exp AND [embase]/lim) AND ('hospitalized infant'/exp AND [embase]/lim OR ('hospitalized child'/exp AND [embase]/lim) OR ('child'/exp AND [embase]/lim OR (pediatric:ab,ti AND [embase]/lim) OR (paediatric:ab,ti AND [embase]/lim) OR (child:ab,ti AND [embase]/lim) OR (children:ab,ti AND [embase]/lim) OR (childhood:ab,ti AND [embase]/lim) AND ('hospital'/exp AND [embase]/lim OR (hospital\*:ab,ti AND [embase]/lim) OR (clinic:ab,ti AND [embase]/lim) OR ('in patient':ab,ti AND [embase]/lim) OR (inpatient:ab,ti AND [embase]/lim) OR ('in hospital':ab,ti AND [embase]/lim) OR (admitted:ab,ti AND [embase]/lim)))) AND [review]/lim AND [embase]/lim)

**Cochrane Central database search strategy**

#1 MeSH descriptor: [Malnutrition] explode all trees and with qualifier(s): [Diagnosis - DI]

#2 MeSH descriptor: [Malnutrition] explode all trees and with qualifier(s): [Prevention & control - PC]

#3 MeSH descriptor: [Child Nutrition Disorders] explode all trees and with qualifier(s): [Diagnosis - DI]

#4 MeSH descriptor: [Child Nutrition Disorders] explode all trees and with qualifier(s): [Prevention & control - PC]

#5 MeSH descriptor: [Infant Nutrition Disorders] explode all trees and with qualifier(s): [Diagnosis - DI]

#6 MeSH descriptor: [Infant Nutrition Disorders] explode all trees and with qualifier(s): [Prevention & control - PC]

#7 malnutrition:ti,ab,kw (Word variations have been searched)

#8 undernutrition:ti,ab,kw (Word variations have been searched)

#9 nutrition\*:ti,ab,kw (Word variations have been searched)

#10 disorder:ti,ab,kw (Word variations have been searched)

#11 #9 and #10

#12 "nutritional risk score":ti,ab,kw (Word variations have been searched)

#13 "malnutrition score":ti,ab,kw (Word variations have been searched)

#14 screening:ti,ab,kw (Word variations have been searched)

#15 nutrition\*:ti,ab,kw (Word variations have been searched)

#16 malnutrition\*:ti,ab,kw (Word variations have been searched)

#17 #15 or #16

#18 #14 and #17

#19 MeSH descriptor: [Mass Screening] this term only

#20 MeSH descriptor: [Nutrition Assessment] explode all trees

#21 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #11 or #12 or #13 or #18 or #19 or #20

#22 MeSH descriptor: [Child] explode all trees

#23 MeSH descriptor: [Infant] explode all trees

#24 pediatric:ti,ab,kw (Word variations have been searched)

#25 pediatric:ti,ab,kw (Word variations have been searched)

#26 paediatric:ti,ab,kw (Word variations have been searched)

#27 child:ti,ab,kw (Word variations have been searched)

#28 children:ti,ab,kw (Word variations have been searched)

#29 childhood:ti,ab,kw (Word variations have been searched)

#30 #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29

#31 hospital\*:ti,ab,kw (Word variations have been searched)

#32 clinic:ti,ab,kw (Word variations have been searched)

#33 "in-patient\*":ti,ab,kw (Word variations have been searched)

#34 inpatient\*:ti,ab,kw (Word variations have been searched)

#35 "in-hospital":ti,ab,kw (Word variations have been searched)

#36 admitted:ti,ab,kw (Word variations have been searched)

#37 #31 or #32 or #33 or #34 or #35 or #36

#38 #30 and #37

#39 MeSH descriptor: [Child, Hospitalized] explode all trees

#40 #38 or #39

#41 #21 and #40