

## Appendix 2: Literature review details

### Appendix 2A: Bibliographical database search strategy and terms

First search: Outcomes of oral immunotherapy

PubMed 17 April 2019

#1	Food Hypersensitivity[MH]
#2	Hypersensitivity[MH] OR allerg*[TIAB] OR hypersensitiv*[TIAB] OR hyper-sensitiv*[TIAB] OR hyperresponsiv*[TIAB] OR hyper-responsiv*[TIAB] OR allerg*[OT] OR hypersensitiv*[OT] OR hyper-sensitiv*[OT] OR hyperresponsiv*[OT] OR hyper-responsiv*[OT]
#3	Food[Mesh] OR additive[TIAB] OR additives[TIAB] OR almond*[TIAB] OR apple[TIAB] OR apples[TIAB] OR apricot*[TIAB] OR arachis hypogaea[TIAB] OR avocado*[TIAB] OR banana*[TIAB] OR barley[TIAB] OR beef[TIAB] OR berries[TIAB] OR berry[TIAB] OR blackberr*[TIAB] OR blueberr*[TIAB] OR buckwheat*[TIAB] OR cacao[TIAB] OR calamari[TIAB] OR carrot*[TIAB] OR cashew*[TIAB] OR celery[TIAB] OR cherries[TIAB] OR cherry[TIAB] OR chestnut*[TIAB] OR chicory[TIAB] OR chocolat*[TIAB] OR cilandro[TIAB] OR clam[TIAB] OR clams[TIAB] OR cockle*[TIAB] OR coconut[TIAB] OR coconuts[TIAB] OR conch[TIAB] OR conchs[TIAB] OR coriander[TIAB] OR corn[TIAB] OR crab[TIAB] OR crabs[TIAB] OR cranberr*[TIAB] OR crawfish*[TIAB] OR crayfish*[TIAB] OR crustacea*[TIAB] OR cucumber*[TIAB] OR dairy[TIAB] OR dairies[TIAB] OR edamame*[TIAB] OR egg[TIAB] OR eggplant*[TIAB] OR eggs[TIAB] OR fig[TIAB] OR figs[TIAB] OR fish[TIAB] OR fishes[TIAB] OR flaxseed*[TIAB] OR food[TIAB] OR foods[TIAB] OR fruit[TIAB] OR fruits[TIAB] OR grape[TIAB] OR grapes[TIAB] OR hazelnut*[TIAB] OR kiwi[TIAB] OR kiwis[TIAB] OR lactose[TIAB] OR legume*[TIAB] OR lobster[TIAB] OR lobsters[TIAB] OR mango*[TIAB] OR meat[TIAB] OR melon[TIAB] OR melons[TIAB] OR milk[TIAB] OR mollusc*[TIAB] OR multifood[TIAB] OR mushroom*[TIAB] OR mussel[TIAB] OR mussels[TIAB] OR mustard[TIAB] OR nut[TIAB] OR nuts[TIAB] OR oat[TIAB] OR oats[TIAB] OR octopus[TIAB] OR "oral allergy syndrome"[TIAB] OR orange*[TIAB] OR oyster[TIAB] OR oysters[TIAB] OR parsley[TIAB] OR pea[TIAB] OR peach*[TIAB] OR peanut*[TIAB] OR pear[TIAB] OR pears[TIAB] OR peas[TIAB] OR pecan*[TIAB] OR periwinkle*[TIAB] OR pineapple*[TIAB] OR pistachio*[TIAB] OR plum[TIAB] OR plums[TIAB] OR pork[TIAB] OR potato*[TIAB] OR prawn[TIAB] OR prawns[TIAB] OR raspberr*[TIAB] OR rice[TIAB] OR rye[TIAB] OR salmon[TIAB] OR scallop[TIAB] OR scallops[TIAB] OR seafood*[TIAB] OR sesame[TIAB] OR shellfish*[TIAB] OR shrimp[TIAB] OR shrimps[TIAB] OR snail[TIAB] OR snails[TIAB] OR soja[TIAB] OR sojabeam*[TIAB] OR soy[TIAB] OR soya[TIAB] OR soybean*[TIAB] OR soybean*[TIAB] OR squid[TIAB] OR strawberr*[TIAB] OR sunflower seed*[TIAB] OR sunflower seed*[TIAB] OR tomato*[TIAB] OR vegetable*[TIAB] OR walnut*[TIAB] OR wheat[TIAB] OR wheats[TIAB] OR whelk[TIAB] OR whelks[TIAB] OR zucchini*[TIAB] OR additive[OT] OR additives[OT] OR almond*[OT] OR apple[OT] OR apples[OT] OR apricot*[OT] OR arachis hypogaea[OT] OR avocado*[OT] OR banana*[OT] OR barley[OT] OR beef[OT] OR berries[OT] OR berry[OT] OR blackberr*[OT] OR blueberr*[OT] OR buckwheat*[OT] OR cacao[OT] OR calamari[OT] OR carrot*[OT] OR cashew*[OT] OR celery[OT] OR cherries[OT] OR cherry[OT] OR chestnut*[OT] OR chicory[OT] OR chocolat*[OT] OR cilandro[OT] OR clam[OT] OR clams[OT] OR cockle*[OT] OR coconut[OT] OR coconuts[OT] OR conch[OT] OR conchs[OT] OR coriander[OT] OR corn[OT] OR crab[OT] OR crabs[OT] OR cranberr*[OT] OR crawfish*[OT] OR crayfish*[OT] OR crustacea*[OT] OR cucumber*[OT] OR dairy[OT] OR dairies[OT] OR edamame*[OT] OR egg[OT] OR eggplant*[OT] OR eggs[OT] OR fig[OT] OR figs[OT] OR fish[OT] OR fishes[OT] OR flaxseed*[OT] OR food[OT] OR foods[OT] OR fruit[OT] OR fruits[OT] OR grape[OT] OR grapes[OT] OR hazelnut*[OT] OR kiwi[OT] OR kiwis[OT] OR lactose[OT] OR legume*[OT] OR lobster[OT] OR lobsters[OT] OR mango*[OT] OR meat[OT] OR melon[OT] OR melons[OT] OR milk[OT] OR mollusc*[OT] OR multifood[OT] OR mushroom*[OT] OR mussel[OT] OR mussels[OT] OR mustard[OT] OR nut[OT] OR nuts[OT] OR oat[OT] OR oats[OT] OR octopus[OT] OR "oral allergy syndrome"[OT] OR orange*[OT] OR oyster[OT] OR oysters[OT] OR parsley[OT] OR pea[OT] OR peach*[OT] OR peanut*[OT] OR pear[OT] OR pears[OT] OR peas[OT] OR pecan*[OT] OR periwinkle*[OT] OR pineapple*[OT] OR pistachio*[OT] OR plum[OT] OR plums[OT] OR pork[OT] OR potato*[OT] OR prawn[OT] OR prawns[OT] OR raspberr*[OT] OR rice[OT] OR rye[OT] OR salmon[OT] OR scallop[OT] OR scallops[OT] OR seafood*[OT] OR sesame[OT] OR shellfish*[OT] OR shrimp[OT] OR shrimps[OT] OR snail[OT] OR snails[OT] OR soja[OT] OR sojabeam*[OT] OR soy[OT] OR soya[OT] OR soybean*[OT] OR soybean*[OT] OR squid[OT] OR strawberr*[OT] OR sunflower seed*[OT] OR tomato*[OT] OR vegetable*[OT] OR walnut*[OT] OR wheat[OT] OR wheats[OT] OR whelk[OT] OR whelks[OT] OR zucchini*[OT]
#4	Desensitization, Immunologic[MH] OR desensitisation*[TIAB] OR desensitization*[TIAB] OR hypo-sensitisation*[TIAB] OR hyposensitisation*[TIAB] OR hypo-sensitization*[TIAB] OR hyposensitization*[TIAB] OR immunotherap*[TIAB] OR "oral induction"[TIAB] OR oral tolerance[TIAB] OR OIT[TIAB] OR up dosing[TIAB] OR desensitisation*[OT] OR desensitization*[OT] OR hypo-sensitisation*[OT] OR hyposensitisation*[OT] OR hypo-sensitization*[OT] OR hyposensitization*[OT] OR immunotherap*[OT] OR "oral induction"[OT] OR oral tolerance[OT] OR OIT[OT] OR up dosing[OT]
#5	English[lang] OR French[lang] OR Italian[lang] OR Spanish[lang] OR German[lang]
#6	(#1 OR (#2 AND #3)) AND #4 AND #5

#7	#6 AND ("1998/01/01"[PDAT] : "3000/12/31"[PDAT]) 2417 results
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### Medline (OVID) 17 April 2019

1	Exp Food Hypersensitivity/
2	Exp Hypersensitivity/ OR (allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*).ti,ab,kw,kf
3	Exp Food/ OR (additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabean* OR soy OR soya OR soyabean* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*).ti,ab,kw,kf
4	Exp Desensitization, Immunologic/ OR (desensitisation* OR desensitization* OR hypo-sensitisation* OR hyposensitisation* OR hypo-sensitization* OR hyposensitization* OR immunotherap* OR "oral induction" OR oral tolerance OR OIT OR up dosing).ti,ab,kw,kf
5	(English OR French OR Italian OR Spanish OR German).la
6	(1 OR (2 AND 3)) AND 4 AND 5
7	Limit 6 to yr="1998 -Current" 2469 results

### All EBM Reviews 17 April 2019

1	Exp Food Hypersensitivity/
2	Exp Hypersensitivity/ OR (allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*).ti,ab,kw,kf
3	Exp Food/ OR (additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabean* OR soy OR soya OR soyabean* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*).ti,ab,kw,kf
4	Exp Desensitization, Immunologic/ OR (desensitisation* OR desensitization* OR hypo-sensitisation* OR hyposensitisation* OR hypo-sensitization* OR hyposensitization* OR immunotherap* OR "oral induction" OR oral tolerance OR OIT OR up dosing).ti,ab,kw,kf
5	(English OR French OR Italian OR Spanish OR German).la
6	(1 OR (2 AND 3)) AND 4 AND 5
7	Limit 6 to yr="1998 -Current" 432 results

### Embase 18 April 2019

1	Exp food allergy OR food allergen/
2	Exp Hypersensitivity/ OR (allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*).ti,ab,kw
3	Exp food/ OR (additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabean* OR soy OR soya OR soyabean* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*).ti,ab,kw
4	Exp desensitization/ OR (desensitisation* OR desensitization* OR hypo-sensitisation* OR hyposensitisation* OR hypo-sensitization* OR hyposensitization* OR immunotherap* OR "oral induction" OR oral tolerance OR OIT OR up dosing).ti,ab,kw
5	(English OR French OR Italian OR Spanish OR German).la
6	(1 OR (2 AND 3)) AND 4 AND 5
7	Limit 6 to yr="1998 -Current"
8	conference abstract.pt.
9	7 not 8 3260 results

### CINAHL 18 April 2019

S1	MH(Food Hypersensitivity+)
S2	MH(Hypersensitivity+) OR TI(allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*) OR AB(allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*)
S3	MH(food+) OR TI(additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabean* OR soy OR soya OR soyabean* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*) OR AB(additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange*

	OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabean* OR soy OR soya OR soyabean* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*)
S4	MH(Desensitization, Immunologic) OR TI(desensitisation* OR desensitization* OR hypo-sensitisation* OR hyposensitisation* OR hypo-sensitization* OR hyposensitization* OR immunotherap* OR "oral induction" OR oral tolerance OR OIT OR up dosing) OR AB(desensitisation* OR desensitization* OR hypo-sensitisation* OR hyposensitisation* OR hypo-sensitization* OR hyposensitization* OR immunotherap* OR "oral induction" OR oral tolerance OR OIT OR up dosing)
S5	LA(English OR French OR Italian OR Spanish OR German)
S6	(S1 OR (S2 AND S3)) AND S4 AND S5 <b>limiters</b> publication date 19980101-20191231 437 results

### Web of Science 18 April 2019

#1	TS=( allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*)
#2	TS=(additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabean* OR soy OR soya OR soyabean* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*)
#3	TS=(desensitisation* OR desensitization* OR hypo-sensitisation* OR hyposensitisation* OR hypo-sensitization* OR hyposensitization* OR immunotherap* OR "oral induction" OR oral tolerance OR OIT OR up dosing)
#4	(#1 AND #2 AND #3) AND LANGUAGE: (English OR French OR German OR Italian OR Spanish) Timespan=1998-2019 4121 results

After the removal of duplicates, there were a total of 5556 records retrieved on April 18<sup>th</sup> 2019.

Second search: Epidemiology, burden of illness, impact on quality of life

### PubMed 30 Mai 2019

#1	Food Hypersensitivity[MH]
#2	Hypersensitivity[MH] OR allerg*[TIAB] OR hypersensitiv*[TIAB] OR hyper-sensitiv*[TIAB] OR hyperresponsiv*[TIAB] OR hyper-responsiv*[TIAB] OR allerg*[OT] OR hypersensitiv*[OT] OR hyper-sensitiv*[OT] OR hyperresponsiv*[OT] OR hyper-responsiv*[OT]
#3	Food[Mesh] OR additive[TIAB] OR additives[TIAB] OR almond*[TIAB] OR apple[TIAB] OR apples[TIAB] OR apricot*[TIAB] OR arachis hypogaea[TIAB] OR avocado*[TIAB] OR banana*[TIAB] OR barley[TIAB] OR beef[TIAB] OR berries[TIAB] OR berry[TIAB] OR blackberr*[TIAB] OR blueberr*[TIAB] OR buckwheat*[TIAB] OR cacao[TIAB] OR calamari[TIAB] OR carrot*[TIAB] OR cashew*[TIAB] OR celery[TIAB] OR cherries[TIAB] OR cherry[TIAB] OR chestnut*[TIAB] OR chicory[TIAB] OR chocolat*[TIAB] OR cilandro[TIAB] OR clam[TIAB] OR clams[TIAB] OR cockle*[TIAB] OR coconut[TIAB] OR coconuts[TIAB] OR conch[TIAB] OR conchs[TIAB] OR coriander[TIAB] OR corn[TIAB] OR crab[TIAB] OR crabs[TIAB] OR cranberr*[TIAB] OR crawfish*[TIAB] OR crayfish*[TIAB] OR crustacea*[TIAB] OR cucumber*[TIAB] OR dairy[TIAB] OR dairies[TIAB] OR edamame*[TIAB] OR egg[TIAB] OR eggplant*[TIAB] OR eggs[TIAB] OR fig[TIAB] OR figs[TIAB] OR fish[TIAB] OR fishes[TIAB] OR flaxseed*[TIAB] OR food[TIAB] OR foods[TIAB] OR fruit[TIAB] OR fruits[TIAB] OR grape[TIAB] OR grapes[TIAB] OR hazelnut*[TIAB] OR kiwi[TIAB] OR kiwis[TIAB] OR lactose[TIAB] OR legume*[TIAB] OR lobster[TIAB] OR lobsters[TIAB] OR mango*[TIAB] OR meat[TIAB] OR melon[TIAB] OR melons[TIAB] OR milk[TIAB] OR mollusc*[TIAB] OR multifood[TIAB]

	<p>OR mushroom*[TIAB] OR mussel[TIAB] OR mussels[TIAB] OR mustard[TIAB] OR nut[TIAB] OR nuts[TIAB] OR oat[TIAB] OR oats[TIAB] OR octopus[TIAB] OR "oral allergy syndrome"[TIAB] OR orange*[TIAB] OR oyster[TIAB] OR oysters[TIAB] OR parsley[TIAB] OR pea[TIAB] OR peach*[TIAB] OR peanut*[TIAB] OR pear[TIAB] OR pears[TIAB] OR peas[TIAB] OR pecan*[TIAB] OR periwinkle*[TIAB] OR pineapple*[TIAB] OR pistachio*[TIAB] OR plum[TIAB] OR plums[TIAB] OR pork[TIAB] OR potato*[TIAB] OR prawn[TIAB] OR prawns[TIAB] OR raspberr*[TIAB] OR rice[TIAB] OR rye[TIAB] OR salmon[TIAB] OR scallop[TIAB] OR scallops[TIAB] OR seafood*[TIAB] OR sesame[TIAB] OR shellfish*[TIAB] OR shrimp[TIAB] OR shrimps[TIAB] OR snail[TIAB] OR snails[TIAB] OR soja[TIAB] OR sojabeam*[TIAB] OR soy[TIAB] OR soya[TIAB] OR soybean*[TIAB] OR soybean*[TIAB] OR squid[TIAB] OR strawberr*[TIAB] OR sunflower seed*[TIAB] OR tomato*[TIAB] OR vegetable*[TIAB] OR walnut*[TIAB] OR wheat[TIAB] OR wheats[TIAB] OR whelk[TIAB] OR whelks[TIAB] OR zucchini*[TIAB] OR additive[OT] OR additives[OT] OR almond*[OT] OR apple[OT] OR apples[OT] OR apricot*[OT] OR arachis hypogaea[OT] OR avocado*[OT] OR banana*[OT] OR barley[OT] OR beef[OT] OR berries[OT] OR berry[OT] OR blackberr*[OT] OR blueberr*[OT] OR buckwheat*[OT] OR cacao[OT] OR calamari[OT] OR carrot*[OT] OR cashew*[OT] OR celery[OT] OR cherries[OT] OR cherry[OT] OR chestnut*[OT] OR chicory[OT] OR chocolat*[OT] OR cilandro[OT] OR clam[OT] OR clams[OT] OR cockle*[OT] OR coconut[OT] OR coconuts[OT] OR conch[OT] OR conchs[OT] OR coriander[OT] OR corn[OT] OR crab[OT] OR crabs[OT] OR cranberr*[OT] OR crawfish*[OT] OR crayfish*[OT] OR crustacea*[OT] OR cucumber*[OT] OR dairy[OT] OR dairies[OT] OR edamame*[OT] OR egg[OT] OR eggplant*[OT] OR eggs[OT] OR fig[OT] OR figs[OT] OR fish[OT] OR fishes[OT] OR flaxseed*[OT] OR food[OT] OR foods[OT] OR fruit[OT] OR fruits[OT] OR grape[OT] OR grapes[OT] OR hazelnut*[OT] OR kiwi[OT] OR kiwis[OT] OR lactose[OT] OR legume*[OT] OR lobster[OT] OR lobsters[OT] OR mango*[OT] OR meat[OT] OR melon[OT] OR melons[OT] OR milk[OT] OR mollusc*[OT] OR multifood[OT] OR mushroom*[OT] OR mussel[OT] OR mussels[OT] OR mustard[OT] OR nut[OT] OR nuts[OT] OR oat[OT] OR oats[OT] OR octopus[OT] OR "oral allergy syndrome"[OT] OR orange*[OT] OR oyster[OT] OR oysters[OT] OR parsley[OT] OR pea[OT] OR peach*[OT] OR peanut*[OT] OR pear[OT] OR pears[OT] OR peas[OT] OR pecan*[OT] OR periwinkle*[OT] OR pineapple*[OT] OR pistachio*[OT] OR plum[OT] OR plums[OT] OR pork[OT] OR potato*[OT] OR prawn[OT] OR prawns[OT] OR raspberr*[OT] OR rice[OT] OR rye[OT] OR salmon[OT] OR scallop[OT] OR scallops[OT] OR seafood*[OT] OR sesame[OT] OR shellfish*[OT] OR shrimp[OT] OR shrimps[OT] OR snail[OT] OR snails[OT] OR soja[OT] OR sojabeam*[OT] OR soy[OT] OR soya[OT] OR soybean*[OT] OR soybean*[OT] OR squid[OT] OR strawberr*[OT] OR sunflower seed*[OT] OR tomato*[OT] OR vegetable*[OT] OR walnut*[OT] OR wheat[OT] OR wheats[OT] OR whelk[OT] OR whelks[OT] OR zucchini*[OT]</p>
#4	<p>Psychology[Mh:noexp] OR Psychology[sh] OR Stress, Psychological[Mh] OR Adaptation, Psychological[Mh:noexp] OR Quality of Life[Mh] OR Family Health[Mh] OR Social*[TIAB] OR Psychosocial*[TIAB] OR Psycholog*[TIAB] OR Quality of Life[TIAB] OR Life quality[TIAB] OR QoL[TIAB] OR HRQoL[TIAB] OR burden*[TIAB] OR Social*[OT] OR Psychosocial*[OT] OR Psycholog*[OT] OR Quality of Life[OT] OR Life quality[OT] OR QoL[OT] OR HRQoL[OT] OR burden*[OT]</p>
#5	<p>Epidemiology[mh] OR Epidemiology[sh:noexp] OR Incidence[Mh] OR Prevalence[Mh] OR "Costs and Cost Analysis"[Mh] OR economics[sh] OR Epidemiolog*[TIAB] OR prevalence*[TIAB] OR Frequenc*[TIAB] OR occurrence*[TIAB] OR incidence*[TIAB] OR cost*[tiab] OR expens*[tiab] OR expenditure*[tiab] OR economic*[tiab] OR financ*[tiab] OR budget*[tiab] OR spending*[tiab] OR Epidemiolog*[OT] OR prevalence*[OT] OR Frequenc*[OT] OR occurrence*[OT] OR incidence*[OT] OR cost*[OT] OR expens*[OT] OR expenditure*[OT] OR economic*[OT] OR financ*[OT] OR budget*[OT] OR spending*[OT]</p>
#6	<p>Canada[Mesh] OR Canad*[TIAB] OR Alberta*[TIAB] OR Calgary[TIAB] OR Edmonton[TIAB] OR British Columbi*[TIAB] OR Vancouver[TIAB] OR Manitoba*[TIAB] OR New Brunswick[TIAB] OR Newfoundland[TIAB] OR Labrador[TIAB] OR Northwest Territor*[TIAB] OR Nova Scotia*[TIAB] OR Nunavut[TIAB] OR Ontari*[TIAB] OR Toronto[TIAB] OR Ottawa[TIAB] OR Prince Edward Island[TIAB] OR Quebec*[TIAB] OR Montreal[TIAB] OR Saskatchewan[TIAB] OR Yukon[TIAB] OR Canad*[OT] OR Alberta*[OT] OR Calgary[OT] OR Edmonton[OT] OR British Columbi*[OT] OR Vancouver[OT] OR Manitoba*[OT] OR New Brunswick[OT] OR Newfoundland[OT] OR Labrador[OT] OR Northwest Territor*[OT] OR Nova Scotia*[OT] OR Nunavut[OT] OR Ontari*[OT] OR Toronto[OT] OR Ottawa[OT] OR Prince Edward Island[OT] OR Quebec*[OT] OR Montreal[OT] OR Saskatchewan[OT] OR Yukon[OT]</p>
#7	<p>Systematic review[Pt] OR Systematic Reviews as Topic[Mh] OR Meta-Analysis[Pt] OR Meta-Analysis as Topic[mh] OR ((systematic*[tiab] OR Umbrella[tiab]) AND (review*[tiab] OR overview*[tiab] OR synthes*[tiab])) OR meta-analys*[tiab] OR metaanalys*[tiab] OR ((systematic*[OT] OR umbrella[OT]) AND (review*[OT] OR overview*[OT] OR synthes*[OT])) OR meta-analys*[OT] OR metaanalys*[OT]</p>
#8	<p>English[lang] OR French[lang] OR Italian[lang] OR Spanish[lang] OR German[lang]</p>
#9	<p>(#1 OR (#2 AND #3)) AND (#4 OR (#5 AND (#6 OR #7))) AND #8</p>
#10	<p>#9 AND ("2014/01/01"[PDAT] : "2019/05/30"[PDAT]) 1233 results</p>

## Medline (OVID) 30 Mai 2019

1	Exp Food Hypersensitivity/
2	Exp Hypersensitivity/ OR (allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*).ti,ab,kw,kf
3	Exp Food/ OR (additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabeane* OR soy OR soya OR soyabeane* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*).ti,ab,kw,kf
4	Psychology/ OR Psychology.fs OR exp Stress, Psychological/ OR Adaptation, Psychological/ OR exp Quality of Life/ OR exp Family Health/ OR (Social* OR Psychosocial* OR Psycholog* OR Quality of Life OR Life quality OR QoL OR HRQoL OR burden*).ti,ab,kw,kf
5	Exp Epidemiology/ OR Epidemiology.fs OR exp Incidence/ OR exp Prevalence/ OR exp "Costs and Cost Analysis"/ OR economics.fs OR (Epidemiolog* OR prevalence* OR Frequenc* OR occurrence* OR incidence* OR cost* OR expens* OR expenditure* OR economic* OR financ* OR budget* OR spending*).ti,ab,kw,kf
6	Exp Canada/ OR ( Canad* OR Alberta* OR Calgary OR Edmonton OR British Columbi* OR Vancouver OR Manitoba* OR New Brunswick OR Newfoundland OR Labrador OR Northwest Territor* OR Nova Scotia* OR Nunavut OR Ontari* OR Toronto OR Ottawa OR Prince Edward Island OR Quebec* OR Montreal OR Saskatchewan OR Yukon).ti,ab,kw,kf
7	Systematic review.pt OR Systematic Reviews as Topic/ OR Meta-Analysis.pt OR Meta-Analysis as Topic/ OR (((systematic* OR Umbrella) AND (review* OR overview* OR synthes*)) OR meta-analys* OR metaanalys*).ti,ab,kw,kf
8	(English OR French OR Italian OR Spanish OR German).lg
9	(1 OR (2 AND 3)) AND (4 OR (5 AND (6 OR 7))) AND 8
10	limit 9 to yr="2014 - 2019" 1298 results

## All EBM Reviews 30 Mai 2019

1	Exp Food Hypersensitivity/
2	Exp Hypersensitivity/ OR (allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*).ti,ab,kw,kf
3	Exp Food/ OR (additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabeane* OR soy OR soya OR soyabeane* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*).ti,ab,kw,kf

4	Psychology/ OR Psychology.fs OR exp Stress, Psychological/ OR Adaptation, Psychological/ OR exp Quality of Life/ OR exp Family Health/ OR (Social* OR Psychosocial* OR Psycholog* OR Quality of Life OR Life quality OR QoL OR HRQoL OR burden*).ti,ab,kw,kf
5	Exp Epidemiology/ OR Epidemiology.fs OR exp Incidence/ OR exp Prevalence/ OR exp "Costs and Cost Analysis"/ OR economics.fs OR (Epidemiolog* OR prevalence* OR Frequenc* OR occurrence* OR incidence* OR cost* OR expens* OR expenditure* OR economic* OR financ* OR budget* OR spending*).ti,ab,kw,kf
6	Exp Canada/ OR ( Canad* OR Alberta* OR Calgary OR Edmonton OR British Columbi* OR Vancouver OR Manitoba* OR New Brunswick OR Newfoundland OR Labrador OR Northwest Territor* OR Nova Scotia* OR Nunavut OR Ontari* OR Toronto OR Ottawa OR Prince Edward Island OR Quebec* OR Montreal OR Saskatchewan OR Yukon).ti,ab,kw,kf
7	Systematic review.pt OR Systematic Reviews as Topic/ OR Meta-Analysis.pt OR Meta-Analysis as Topic/ OR (((systematic* OR Umbrella) AND (review* OR overview* OR synthes*))) OR meta-analys* OR metaanalys*).ti,ab,kw,kf
8	(English OR French OR Italian OR Spanish OR German).lg
9	(1 OR (2 AND 3)) AND (4 OR (5 AND (6 OR 7))) AND 8
10	limit 9 to yr="2014 - 2019" 170 results

### Embase 31 Mai 2019

1	Exp food allergy OR food allergen/
2	Exp Hypersensitivity/ OR (allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*).ti,ab,kw
3	Exp food/ OR (additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabean* OR soy OR soya OR soyabean* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*).ti,ab,kw
4	Psychology/ OR metal stress/ OR exp coping behavior/ OR exp "Quality of Life"/ OR Family Health/ OR (Social* OR Psychosocial* OR Psycholog* OR Quality of Life OR Life quality OR QoL OR HRQoL OR burden*).ti,ab,kw
5	Epidemiology/ OR ep.fs OR exp Incidence/ OR exp Prevalence/ OR exp Cost/ OR (Epidemiolog* OR prevalence* OR Frequenc* OR occurrence* OR incidence* OR cost* OR expens* OR expenditure* OR economic* OR financ* OR budget* OR spending*).ti,ab,kw
6	Exp Canada/ OR ( Canad* OR Alberta* OR Calgary OR Edmonton OR British Columbi* OR Vancouver OR Manitoba* OR New Brunswick OR Newfoundland OR Labrador OR Northwest Territor* OR Nova Scotia* OR Nunavut OR Ontari* OR Toronto OR Ottawa OR Prince Edward Island OR Quebec* OR Montreal OR Saskatchewan OR Yukon).ti,ab,kw
7	"systematic review (topic)"/ OR " Meta-Analysis (topic)"/ OR (((systematic* OR Umbrella) AND (review* OR overview* OR synthes*))) OR meta-analys* OR metaanalys*).ti,ab,kw
8	limit 5 to (meta analysis or "systematic review")
9	(English OR French OR Italian OR Spanish OR German).la

10	(1 OR (2 AND 3)) AND (4 OR 8 OR (5 AND (6 OR 7))) AND 9
11	limit 10 to yr="2014 - 2019"
12	conference abstract.pt.
13	11 not 12 1710 results

### CINAHL 31 Mai 2019

S1	MH(Food Hypersensitivity+)
S2	MH(Hypersensitivity+) OR TI(allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*) OR AB(allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*)
S3	MH(food+) OR TI(additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabeam* OR soy OR soya OR soyabeam* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*) OR AB(additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifoood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabeam* OR soy OR soya OR soyabeam* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*)
S4	MH(Psychology) OR MW(PH) OR Mh(Stress, Psychological+) OR MH(Adaptation, Psychological+) OR MH(Quality of Life+) OR MH(Family Health) OR TI(Social* OR Psychosocial* OR Psycholog* OR Quality of Life OR Life quality OR QoL OR HRQoL OR burden*) OR AB(Social* OR Psychosocial* OR Psycholog* OR Quality of Life OR Life quality OR QoL OR HRQoL OR burden*)
S5	MH(Epidemiology+) OR MW(EP) OR MH(Incidence) OR MH(Prevalence) OR MH("Costs and Cost Analysis"+) OR MW(EC) OR TI(Epidemiolog* OR prevalence* OR Frequenc* OR occurrence* OR incidence* OR cost* OR expens* OR expenditure* OR economic* OR financ* OR budget* OR spending*) OR AB(Epidemiolog* OR prevalence* OR Frequenc* OR occurrence* OR incidence* OR cost* OR expens* OR expenditure* OR economic* OR financ* OR budget* OR spending*)
S6	MH(Canada+) OR TI( Canad* OR Alberta* OR Calgary OR Edmonton OR British Columbi* OR Vancouver OR Manitoba* OR New Brunswick OR Newfoundland OR Labrador OR Northwest Territor* OR Nova Scotia* OR Nunavut OR Ontari* OR Toronto OR Ottawa OR Prince Edward Island OR Quebec* OR Montreal OR Saskatchewan OR Yukon) OR AB( Canad* OR Alberta* OR Calgary OR Edmonton OR British Columbi* OR Vancouver OR Manitoba* OR New Brunswick OR Newfoundland OR Labrador OR Northwest Territor* OR Nova Scotia* OR Nunavut OR Ontari* OR Toronto OR Ottawa OR Prince Edward Island OR Quebec* OR Montreal OR Saskatchewan OR Yukon)
S7	PT(Systematic review) OR MH( Systematic Review) OR PT(Meta-Analysis) OR MH(Meta-Analysis) OR TI(((systematic* OR Umbrella) AND (review* OR overview* OR synthes*))) OR meta-analys* OR metaanalys*) OR AB(((systematic* OR Umbrella) AND (review* OR overview* OR synthes*))) OR meta-analys* OR metaanalys*)



S8	LA(English OR French OR Italian OR Spanish OR German)
S9	(S1 OR (S2 AND S3)) AND (S4 OR (S5 AND (S6 OR S7))) AND S8 <b>limiters</b> publication date 20140101-20191231 506 results

### Web of Science 31 Mai 2019

#1	TS=( allerg* OR hypersensitiv* OR hyper-sensitiv* OR hyperresponsiv* OR hyper-responsiv*)
#2	TS=(additive OR additives OR almond* OR apple OR apples OR apricot* OR arachis hypogaea OR avocado* OR banana* OR barley OR beef OR berries OR berry OR blackberr* OR blueberr* OR buckwheat* OR cacao OR calamari OR carrot* OR cashew* OR celery OR cherries OR cherry OR chestnut* OR chicory OR chocolat* OR cilandro OR clam OR clams OR cockle* OR coconut OR coconuts OR conch OR conchs OR coriander OR corn OR crab OR crabs OR cranberr* OR crawfish* OR crayfish* OR crustacea* OR cucumber* OR dairy OR dairies OR edamame* OR egg OR eggplant* OR eggs OR fig OR figs OR fish OR fishes OR flaxseed* OR food OR foods OR fruit OR fruits OR grape OR grapes OR hazelnut* OR kiwi OR kiwis OR lactose OR legume* OR lobster OR lobsters OR mango* OR meat OR melon OR melons OR milk OR mollusc* OR multifood OR mushroom* OR mussel OR mussels OR mustard OR nut OR nuts OR oat OR oats OR octopus OR "oral allergy syndrome" OR orange* OR oyster OR oysters OR parsley OR pea OR peach* OR peanut* OR pear OR pears OR peas OR pecan* OR periwinkle* OR pineapple* OR pistachio* OR plum OR plums OR pork OR potato* OR prawn OR prawns OR raspberr* OR rice OR rye OR salmon OR scallop OR scallops OR seafood* OR sesame OR shellfish* OR shrimp OR shrimps OR snail OR snails OR soja OR sojabean* OR soy OR soya OR soyabean* OR soybean* OR squid OR strawberr* OR sunflower seed* OR tomato* OR vegetable* OR walnut* OR wheat OR wheats OR whelk OR whelks OR zucchini*)
#3	TS=(Social* OR Psychosocial* OR Psycholog* OR Quality of Life OR Life quality OR QoL OR HRQoL OR burden*)
#4	TS=(Epidemiolog* OR prevalence* OR Frequenc* OR occurrence* OR incidence* OR cost* OR expens* OR expenditure* OR economic* OR financ* OR budget* OR spending*)
#5	TS=( Canad* OR Alberta* OR Calgary OR Edmonton OR British Columbi* OR Vancouver OR Manitoba* OR New Brunswick OR Newfoundland OR Labrador OR Northwest Territor* OR Nova Scotia* OR Nunavut OR Ontari* OR Toronto OR Ottawa OR Prince Edward Island OR Quebec* OR Montreal OR Saskatchewan OR Yukon)
#6	TS=((systematic* OR Umbrella) AND (review* OR overview* OR synthes*)) OR meta-analys* OR metaanalys*)
#7	(#1 AND #2 AND ( #3 OR (#4 AND (#5 OR #6)))) AND LANGUAGE: (English OR French OR German OR Italian OR Spanish) Timespan=1998-2019 1438 results

After the removal of duplicates, there were a total of 2894 records retrieved.

## Appendix 2B: Eligibility criteria for inclusion of clinical studies

	Inclusion / exclusion criteria
<b>INCLUSION</b>	
<b>Patient population</b>	<ul style="list-style-type: none"> <li>• Patients of any age with clinician-diagnosed IgE-mediated food-allergy (confirmed through positive skin prick test, specific IgE level and/or oral food challenge test) including eggs, peanuts, milk, wheat, soy, tree nuts, or other</li> </ul>
<b>Intervention</b>	<ul style="list-style-type: none"> <li>• Oral immunotherapy using food products (including patented food-based products)</li> </ul> <p><i>Note: Sublingual (SLIT) and epicutaneous (EPIT) immunotherapy was only to be discussed in terms of background information</i></p>
<b>Comparators</b>	<ul style="list-style-type: none"> <li>• Routine care (allergen avoidance and prescription of epinephrine injection device), no treatment, placebo</li> <li>• OIT with different protocols</li> </ul>
<b>Outcomes</b>	<p>Efficacy:</p> <ul style="list-style-type: none"> <li>• desensitization</li> <li>• continued consumption</li> <li>• sustained unresponsiveness</li> <li>• Impact of patient characteristics and protocol variables on efficacy outcomes</li> </ul> <p>Adverse effects:</p> <ul style="list-style-type: none"> <li>• Severe reactions (systemic reactions, anaphylaxis, serious adverse events, intramuscular epinephrine use)</li> <li>• Any reactions (mild, local reactions)</li> <li>• Discontinuations due to adverse events</li> <li>• Long-term follow-up for safety and tolerability</li> <li>• Eosinophilic esophagitis</li> <li>• Impact of patient characteristics and protocol variables on safety outcomes</li> </ul> <p>Impact on QoL:</p> <ul style="list-style-type: none"> <li>• Changes in disease-specific and generic health-related quality of life measured using validated instruments</li> </ul> <p>Patient perspectives on the intervention:</p> <ul style="list-style-type: none"> <li>• Acceptability, burden of treatment, impact on autonomy, values, preferences, expectations and goals of treatment</li> </ul>

<b>Study design</b>	<p>Generally included:</p> <ul style="list-style-type: none"> <li>• Meta-analyses published since 2015</li> <li>• Randomized controlled clinical trials (RCTs) OIT vs placebo or avoidance with N (enrolled) &gt; 50 not included in meta-analyses</li> <li>• Large (N &gt; 150) observational studies of OIT in clinical practice or and non-randomized, controlled, parallel group intervention studies (controlled, clinical trials, CCTs)</li> </ul> <p>Studies not fulfilling the above criteria were included if they addressed the following data gaps or questions concerning patient selection or OIT protocol parameters:</p> <ul style="list-style-type: none"> <li>• Long-term follow-up of controlled trials (with control arm) and observational studies (≥ 6 months after reaching maintenance)</li> <li>• Impact of patients' age on the outcomes of OIT / studies in adults or adolescents</li> <li>• Impact of other patient characteristics on OIT outcomes</li> <li>• Multi-food OIT</li> <li>• Less common allergens (e.g., wheat, soy, walnut)</li> <li>• Baked food product protocols</li> <li>• Studies focusing on EoE and its impact on the outcomes of OIT</li> <li>• Patient-reported outcomes (PROs): quality of life, burden-of-treatment</li> <li>• Impact of different modes of communication and shared decision-making on clinical or PRO outcomes:</li> <li>• RCTs exploring OIT with adjuvant therapy (e.g., biologics, probiotics)</li> <li>• Studies comparing different OIT protocols</li> </ul>
<b>EXCLUSION</b>	
<b>Outcomes</b>	<ul style="list-style-type: none"> <li>• Studies reporting immunological outcomes only (surrogate outcomes) (<i>Note: immunological outcomes were extracted if reported by otherwise included studies</i>)</li> </ul>
<b>Design</b>	<ul style="list-style-type: none"> <li>• Case reports</li> </ul>
<b>Language</b>	<ul style="list-style-type: none"> <li>• Language other than French or English</li> </ul>
<b>Completeness of reporting</b>	<ul style="list-style-type: none"> <li>• Conference papers (excluded due to incomplete reporting and lack of peer-review)</li> </ul>
<b>Time of publication</b>	<ul style="list-style-type: none"> <li>• Articles published before 1998</li> </ul>

