

Bilaga 1 Sökstrategier

| Pubmed via NLM, 19 December 2012 Title: Protein and energy supplementation in elderly people at risk from malnutrition | | |
|---|---|----------------|
| | Search terms | Items found |
| Population: aged | | |
| 1. | "Aged"[Mesh:NoExp] OR "Aged, 80 and over"[Mesh] OR "Frail Elderly"[Mesh] OR Geriatrics[MeSH] OR Homes for the Aged[MeSH] OR Age Factors[MeSH] OR Aging[MeSH] OR "Housing for the Elderly"[Mesh] | 2525774 |
| 2. | (older patient*[TI] OR older adult[TI] OR older adults[TI] OR older women[TI] OR older men[TI] OR geriatric[TI] OR geriatrics[TI] OR elderly[TI] OR elders[TI] OR elder[TI] OR senior[TI] OR seniors[TI] OR community-dwelling[TIab] OR nursing home[TI] OR nursing homes[TI] OR care home[TI] OR care homes[TI] OR oldest old[TI] OR frail[TI] OR Aged[ti]) NOT (medline[SB] OR oldmedline[SB]) | 11192 |
| 3. | ((old*[ti] OR elder*[ti]) AND (patient*[ti] OR women[ti] OR men[ti] OR person*[ti] OR residents*[ti] OR people[ti])) NOT (Medline[SB] OR oldmedline[SB]) | 3898 |
| 4. | 1 OR 2 OR 3 | 2538107 |
| Population: malnutrition/risk for malnutrition | | |
| 5. | "Cachexia"[Mesh] OR "Femoral Neck Fractures/complications"[MeSH] OR "Femoral Neck Fractures"[MAJR] OR "Hospitalization"[MAJR] OR "Malnutrition"[Mesh] OR "Nutrition Assessment"[Mesh:NoExp] OR "Nutrition Disorders"[MeSH:NoExp] OR "Nutritional Status"[Mesh] OR "Protein-Energy Malnutrition"[Mesh:NoExp] OR Postoperative Care[MeSH] OR "Protein Deficiency"[Mesh:NoExp] OR "Sarcopenia"[Mesh] OR "Wasting Syndrome"[Mesh:NoExp] | 229995 |
| 6. | Cachectic[tiab] OR Cachexia[tiab] OR Depleted[tiab] OR Frail*[tw] OR "impaired nutritional status"[tiab] OR inadequate nutritional intake[tiab] OR Malnutr*[tiab] OR malnourished[tiab] OR Mini Nutritional Assessment[tiab] OR Nutritional assess*[tiab] OR "nutritionally at risk"[tiab] OR "nutritional risk"[tiab] OR Nutritional status[tiab] OR "nutritional deficienc**"[tiab] OR "poor nutritional status"[tiab] OR undernutrition[tiab] OR under-nutr*[tiab] OR undernourished[tiab] OR under-nourish*[tiab] OR "worsening nutritional status"[tiab] | 111094 |
| 7. | 5 OR 6 | 309773 |

| Intervention: oral protein- or energy supplements | | |
|--|--|---------------|
| 8. | "Dietary Supplements"[Mesh:NoExp] OR "Dietary Proteins"[Mesh:NoExp] OR "Energy Intake"[Mesh:NoExp] OR "Dietary Fats"[Mesh] OR Food, fortified[MeSH:NoExp] OR Food, formulated[MeSH:NoExp] OR "Nutritional Support"[Mesh:NoExp] OR "Nutrition Therapy"[Mesh:NoExp] | 145486 |
| 9. | Calogen[tiab] OR "dietary supplement*"[tiab] OR "dietary oral supplement*"[tiab] OR "diet therapy"[tiab] OR "diet intervention*"[tiab] OR dietary protein*[tiab] OR "Energy supplement*"[tiab] OR enriched drink*[tiab] OR "food supplement*"[tiab] OR "multi-nutrient supplement*"[tiab] OR "multinutrient supplement*"[tiab] OR "Nutritional support"[tiab] OR "nutritional supplement*"[tiab] OR "nutrition supplementat*"[tiab] OR "nutritional intervention*"[tiab] OR Nutrition intervention[tiab] OR Nutritional formula[tiab] OR Oral suppl*[tiab] OR protein-rich supplement*[tiab] OR "protein-rich liquid supplement"[tiab] OR protein supplement*[tiab] OR protein-energy supplement*[tiab] OR 'sip-feed*[tiab] OR "Sip feed*"[tiab] | 22640 |
| 10. | 8 OR 9 | 157654 |
| Study types: RCT | | |
| 11. | "Randomized Controlled Trial" [Publication Type] | 336167 |
| 12. | (randomized[Title/Abstract] AND controlled[Title/Abstract] AND trial[Title/Abstract]) NOT (medline[SB] OR Oldmedline[SB]) | 5756 |
| 13. | 11 OR 12 | 341711 |
| Combined sets and Limits:date | | |
| 14. | 4 AND 7 AND 10 AND 13 | 683 |
| 15. | 4 AND 7 AND 10 AND 13 AND Filters activated: Publication date from 2007/01/01 | 288 |

The search result, usually found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

“ “ = Citation Marks; searches for an exact phrase

| Pubmed via NLM, 26 November 2013 | | |
|---|---|-------------|
| Title: Protein and energy supplementation in elderly people at risk from malnutrition: Economic evaluations | | |
| | Search terms | Items found |
| Population: aged | | |
| 1. | "Aged"[Mesh:NoExp] OR "Aged, 80 and over"[Mesh] OR "Frail Elderly"[Mesh] OR Geriatrics[MeSH] OR Homes for the Aged[MeSH] OR Age Factors[MeSH] OR Aging[MeSH] OR "Housing for the Elderly"[Mesh] OR ((older patient*[TI] OR older adult[TI] OR older adults[TI] OR older women[TI] OR older men[TI] OR geriatric[TI] OR geriatrics[TI] OR elderly[TI] OR elders[TI] OR elder[TI] OR senior[TI] OR seniors[TI] OR community-dwelling[TIab] OR nursing home[TI] OR nursing homes[TI] OR care home[TI] OR care homes[TI] OR oldest old[TI] OR frail[TI] OR Aged[tij] NOT (medline[SB] OR oldmedline[SB]))) OR (((old*[ti] OR elder*[ti]) AND (patient*[ti] OR women[ti] OR men[ti] OR person*[ti] OR residents*[ti] OR people[tij)) NOT (Medline[SB] OR oldmedline[SB])) | 2647608 |
| Population: malnutrition/risk for malnutrition | | |
| 2. | "Cachexia"[Mesh] OR "Femoral Neck Fractures/complications"[MeSH] OR "Femoral Neck Fractures"[MAJR] OR "Hospitalization"[MAJR] OR "Malnutrition"[Mesh] OR "Nutrition Assessment"[Mesh:NoExp] OR "Nutrition Disorders"[MeSH:NoExp] OR "Nutritional Status"[Mesh] OR "Protein-Energy Malnutrition"[Mesh:NoExp] OR Postoperative Care[MeSH] OR "Protein Deficiency"[Mesh:NoExp] OR "Sarcopenia"[Mesh] OR "Wasting Syndrome"[Mesh:NoExp] OR Cachectic[tiab] OR Cachexia[tiab] OR Depleted[tiab] OR Frail*[tw] OR "impaired nutritional status"[tiab] OR inadequate nutritional intake[tiab] OR Malnutr*[tiab] OR malnourished[tiab] OR Mini Nutritional Assessment[tiab] OR Nutritional assess*[tiab] OR "nutritionally at risk"[tiab] OR "nutritional risk"[tiab] OR Nutritional status[tiab] OR "nutritional deficienc*"[tiab] OR "poor nutritional status"[tiab] OR undernutrition[tiab] OR under-nutr*[tiab] OR undernourished[tiab] OR under-nourish*[tiab] OR "worsening nutritional status"[tiab] | 322791 |
| Intervention: oral protein- or energy supplements | | |
| 3. | "Dietary Supplements"[Mesh:NoExp] OR "Dietary Proteins"[Mesh:NoExp] OR "Energy Intake"[Mesh:NoExp] OR "Dietary Fats"[Mesh] OR Food, fortified[MeSH:NoExp] OR Food, formulated[MeSH:NoExp] OR "Nutritional Support"[Mesh:NoExp] OR "Nutrition Therapy"[Mesh:NoExp] OR Calogen[tiab] OR "dietary supplement*"[tiab] OR "dietary oral supplement*"[tiab] OR "diet therapy"[tiab] OR "diet intervention*"[tiab] OR dietary protein*[tiab] OR "Energy supplement*"[tiab] OR enriched drink*[tiab] OR "food supplement*"[tiab] OR "multi-nutrient supplement*"[tiab] OR "multinutrient supplement*"[tiab] OR "Nutritional support"[tiab] OR "nutritional supplement*"[tiab] OR "nutrition supplementat*"[tiab] OR "nutritional intervention*"[tiab] OR Nutrition intervention[tiab] OR Nutritional formula[tiab] OR Oral suppl*[tiab] OR protein-rich supplement*[tiab] OR "protein-rich liquid supplement"[tiab] OR protein supplement*[tiab] OR protein-energy supplement*[tiab] OR 'sip-feed*[tiab] OR "Sip feed*"[tiab] | 165392 |
| Economic Evaluations | | |
| 4. | ("Economics"[Mesh:NoExp] OR "Costs and Cost Analysis"[Mesh] OR "Economics, Hospital"[Mesh] OR "Economics, Medical"[Mesh] OR "Economics, Nursing"[Mesh] OR "Economics, Pharmaceutical"[Mesh] OR "Fees and Charges"[Mesh] OR "Budgets"[Mesh] OR "Resource Allocation"[Mesh] OR "economics" [Subheading] | 552944 |

| | | |
|----------------------|--|------------|
| | OR "cost utility"[tiab] OR "cost/utility"[tiab] OR cost/benefit*[tiab] OR cost benefit*[tiab] OR "cost effectiveness"[tiab] OR cost/effectiveness[tiab] OR "cost of illness"[tiab] OR cost analys*[tiab] OR cost consequence*[tiab] OR cost saving*[tiab] OR cost breakdown*[tiab] OR cost lowering*[tiab] OR cost estimate*[tiab] OR cost variable*[tiab] OR cost allocation*[tiab] OR cost control*[tiab] OR "cost per unit"[tiab] OR economic*[ti] OR cost[ti] OR costs[ti] OR costing[ti] OR costly[ti] OR "value for money"[tiab] OR pharmacoeconomic*[tiab] OR "icer"[tiab] OR economic evaluation*[tiab] OR economic analys*[tiab] OR economic stud*[tiab] OR ((economic*[tiab] OR price*[tiab] OR pricing[tiab] OR cost[tiab] OR costs[tiab] OR costing[tiab] OR costly[tiab] OR financial[tiab] OR finance*[tiab] OR expenditure*[tiab] OR budget*[tiab] OR resource allocat*[tiab] OR "resource utilisation"[tiab] OR "resource utilization"[tiab] OR charge*[tiab] OR fee[tiab] OR fees[tiab]) NOT medline[sb]) | |
| Combined sets | | |
| 5. | 1 AND 2 AND 3 AND 4 | 116 |

The search result, usually found at the end of the documentation, forms the list of abstracts

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[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

“ “ = Citation Marks; searches for an exact phrase

| Cinahl via EBSCO 19 December 2012 | | |
|---|--|----------------|
| Title: Protein and energy supplementation in elderly people at risk from malnutrition | | |
| | Search terms | Items found |
| Population: aged | | |
| 1. | (MH "Aged") OR (MH "Aged, 80 and Over") OR (MH "Aged, Hospitalized") OR (MH "Frail Elderly") OR (MH "Geriatrics") OR (MH "Aging") | 305,918 |
| 2. | TI ("older patient*" OR "older adult*" OR "older people" OR geriatric* OR elderly OR elders OR senior* OR nursing-home residents) | 52,302 |
| 3. | TX "in old age" | 63,406 |
| 4. | 1 OR 2 OR 3 | 313,655 |
| Population: malnutrition/patients at risk for malnutrition | | |
| 5. | MH "Cachexia" Or MH "Critically Ill Patients" OR (MH "Deficiency Diseases") OR MH "Energy Intake" OR (MH "Femoral Fractures+") OR MH "Hip Fractures" OR MH "Nutritional Assessment" OR MH "Malnutrition" OR MH "Muscular Atrophy" OR MH "Muscle Weakness Prevention and Control" OR (MH "Nutrition Disorders") OR MH "Postoperative Care Methods" OR MH "Protein-Energy Malnutrition" OR (MH "Protein Deficiency") OR (MH "Starvation") OR (MH "Wasting Syndrome") | 31,479 |
| 6. | AB (Cachectic OR Cachexia OR ((Depleted OR depletion) N2 nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) N1 (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficienc*" OR "Nutritional assess*" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor*" N2 nutrition) OR Sarcopeni* OR undernutrition OR under-nutr* OR undernourished OR under-nourish* OR "worsening nutritional status" OR ("weight loss" N1 (unintended OR involuntary))) OR TI (Cachectic OR Cachexia OR ((Depleted OR depletion) N2 nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) N1 (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficienc*" OR "Nutritional assess*" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor*" N2 nutrition) OR Sarcopeni* OR undernutrition OR under-nutr* OR undernourished OR under-nourish* OR "worsening nutritional status" OR ("weight loss" N1 (unintended OR involuntary))) | 11,249 |
| 7. | 5 OR 6 | 38,096 |
| Intervention: oral protein- or energy supplements | | |
| 8. | MH "Dietary Fats Administration and Dosage" OR MH "Dietary Supplementation" OR MH "Dietary Proteins" OR MH "Diet Therapy" OR (MH "Fatty Acids+") OR (MH "Fatty Acids, Saturated") OR (MH "Fatty Acids, Unsaturated+") OR (MH "Fatty Acids, Volatile+") OR MH "Food, Formulated" OR MH "Geriatric Nutrition" OR MH "Protein-Energy Malnutrition Therapy" | 28,948 |
| 9. | TX (Calogen OR "dietary supplement*" OR "dietary oral supplement*" OR "diet therapy" OR "diet intervention*" OR "dietary protein*" OR "Energy supplement*" OR "enriched drink*" OR "food supplement*" OR "multi-nutrient supplement*" OR "multinutrient supplement*" OR "Nutritional support" OR "nutritional supplement*" OR "nutrition supplementat*" OR "nutritional intervention*" OR "Nutrition intervention" OR "Nutritional formula" OR "Oral suppl*" OR "protein-rich | 39,898 |

| | | |
|-------------------------|---|----------------|
| | supplement** OR "protein-rich liquid supplement" OR "protein supplement**" OR "protein-energy supplement**" OR "sip-feed*" OR "Sip feed**") | |
| 10. | 8 OR 9 | 53,284 |
| Study types: RCT | | |
| 11. | MH "Randomized Controlled Trials" OR MH "Random Assignment" OR MH "Clinical Trials" OR MH "Preventive Trials" OR MH "Intervention Trials" | 108,777 |
| 12. | TI (Randomized OR randomized OR randomly) | 19,167 |
| 13. | 11 OR 12 | 113,382 |
| Combined sets | | |
| 14. | 4 AND 7 AND 10 AND 13 | 399 |
| 15. | 14 AND Limiters - Published Date from: 20070101- | 188 |

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the "Cinahl Headings" thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the database's searchable fields

ZC = Methodology Index

* = Truncation

" " = Citation Marks; searches for an exact phrase

| Cinahl via EBSCO 26 November 2013 | | |
|---|---|-------------|
| Title: Protein and energy supplementation in elderly people at risk from malnutrition: Economic evaluations | | |
| | Search terms | Items found |
| Population: aged | | |
| 1. | (MH "Aged") OR (MH "Aged, 80 and Over") OR (MH "Aged, Hospitalized") OR (MH "Frail Elderly") OR (MH "Geriatrics") OR (MH "Aging") OR TI ("older patient*" OR "older adult*" OR "older people" OR geriatric* OR elderly OR elders OR senior* OR nursing-home residents) OR TX "in old age" | 338,027 |
| Population: malnutrition/patients at risk for malnutrition | | |
| 2. | MH "Cachexia" Or MH "Critically Ill Patients" OR (MH "Deficiency Diseases") OR MH "Energy Intake" OR (MH "Femoral Fractures+") OR MH "Hip Fractures" OR MH "Nutritional Assessment" OR MH "Malnutrition" OR MH "Muscular Atrophy" OR MH "Muscle Weakness Prevention and Control" OR (MH "Nutrition Disorders") OR MH "Postoperative Care Methods" OR MH "Protein-Energy Malnutrition" OR (MH "Protein Deficiency") OR (MH "Starvation") OR (MH "Wasting Syndrome") OR AB (Cachectic OR Cachexia OR ((Depleted OR depletion) N2 nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) N1 (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficienc*" OR "Nutritional assess*" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor*" N2 nutrition) OR Sarcopeni* OR undernutrition OR under-nutr* OR undernourished OR under-nourish* OR "worsening nutritional status" OR ("weight loss" N1 (unintended OR involuntary))) OR TI (Cachectic OR Cachexia OR ((Depleted OR depletion) N2 nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) N1 (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficienc*" OR "Nutritional assess*" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor*" N2 nutrition) OR Sarcopeni* OR undernutrition OR under-nutr* OR undernourished OR under-nourish* OR "worsening nutritional status" OR ("weight loss" N1 (unintended OR involuntary))) | 139,044 |
| Intervention: oral protein- or energy supplements | | |
| 3. | MH "Dietary Fats Administration and Dosage" OR MH "Dietary Supplementation" OR MH "Dietary Proteins" OR MH "Diet Therapy" OR (MH "Fatty Acids+") OR (MH "Fatty Acids, Saturated") OR (MH "Fatty Acids, Unsaturated+") OR (MH "Fatty Acids, Volatile+") OR MH "Food, Formulated" OR MH "Geriatric Nutrition" OR MH "Protein-Energy Malnutrition Therapy" OR TX (Calogen OR "dietary supplement*" OR "dietary oral supplement*" OR "diet therapy" OR "diet intervention*" OR "dietary protein*" OR "Energy supplement*" OR "enriched drink*" OR "food supplement*" OR "multi-nutrient supplement*" OR "multinutrient supplement*" OR "Nutritional support" OR "nutritional supplement*" OR "nutrition supplementat*" OR "nutritional intervention*" OR "Nutrition intervention" OR "Nutritional formula" OR "Oral suppl*" OR "protein-rich supplement*" OR "protein-rich liquid supplement" OR "protein supplement*" OR "protein-energy supplement*" OR "sip-feed*" OR "Sip feed*") | 57,085 |

| Economic evaluations | | |
|-----------------------------|--|------------|
| 4. | (MH "Economics") OR (MH "Costs and Cost Analysis+") OR (MH "Economic Aspects of Illness") OR (MH "Economic Value of Life") OR (MH "Economics, Dental") OR (MH "Economics, Pharmaceutical") OR (MH "Fees and Charges+") OR (MH "Quality-Adjusted Life Years") OR (TI "cost utility" OR "cost/utility" OR "cost/benefit" OR "cost benefit" OR "cost effectiveness" OR "cost of illness" OR "cost analysis" OR "cost consequence" OR "cost consequences" OR "cost saving" OR "cost savings" OR "cost breakdown" OR "cost lowering" OR "cost loweings" OR "cost estimate" OR "cost estimates" OR "cost variable" OR "cost variables" OR "cost allocation" OR "cost control" OR "cost per unit" OR "value for money" OR pharmacoeconomic* OR "icer" OR economic evaluation* OR "economic analyses" OR "economic study" OR "economic studies" OR qaly* OR "quality adjusted life" OR "disability adjusted life" OR daly* OR qald* OR qale* OR qtime* OR "hye" OR "hyes" OR "healthy year equivalent" OR "healthy year equivalents" OR "healthy years equivalent" OR "healthy years equivalents" OR "quality of well being" OR "qwb" OR "euroqol" OR "eq5d" OR "eq 5d" OR "health utilities index" OR "hui" OR "hui2" OR "hui3" OR "rosser" OR "sf 6" OR "sf6" OR "sf6D" OR "sf 6D" OR "short form 6D" OR "time trade off" OR "time tradeoff" OR "standard gamble" OR "willingness to pay" OR "willingness to accept" OR "willing to pay") OR (AB "cost utility" OR "cost/utility" OR "cost/benefit" OR "cost benefit" OR "cost effectiveness" OR "cost of illness" OR "cost analysis" OR "cost consequence" OR "cost consequences" OR "cost saving" OR "cost savings" OR "cost breakdown" OR "cost lowering" OR "cost loweings" OR "cost estimate" OR "cost estimates" OR "cost variable" OR "cost variables" OR "cost allocation" OR "cost control" OR "cost per unit" OR "value for money" OR pharmacoeconomic* OR "icer" OR economic evaluation* OR "economic analyses" OR "economic study" OR "economic studies" OR qaly* OR "quality adjusted life" OR "disability adjusted life" OR daly* OR qald* OR qale* OR qtime* OR "hye" OR "hyes" OR "healthy year equivalent" OR "healthy year equivalents" OR "healthy years equivalent" OR "healthy years equivalents" OR "quality of well being" OR "qwb" OR "euroqol" OR "eq5d" OR "eq 5d" OR "health utilities index" OR "hui" OR "hui2" OR "hui3" OR "rosser" OR "sf 6" OR "sf6" OR "sf6D" OR "sf 6D" OR "short form 6D" OR "time trade off" OR "time tradeoff" OR "standard gamble" OR "willingness to pay" OR "willingness to accept" OR "willing to pay") OR TI (economic* OR cost OR costs OR costing OR costly) | 84,130 |
| Combined sets | | |
| 5. | 1 AND 2 AND 3 AND 4 | 104 |

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the "Cinahl Headings" thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the database's searchable fields

ZC = Methodology Index

* = Truncation

" " = Citation Marks; searches for an exact phrase

| Embase via Embase.com, 19 December 2012 | | |
|---|---|----------------|
| Title: Protein and energy supplementation in elderly people at risk from malnutrition | | |
| | Search terms | Items found |
| Population: aged | | |
| 1. | 'aged'/de OR 'aged hospital patient'/de OR 'frail elderly'/de OR 'very elderly'/de OR 'geriatric patient'/de OR 'elderly care'/de OR 'aging'/de | 1,417,307 |
| Population: malnutrition/patients at risk for malnutrition | | |
| 2. | 'cachexia'/exp OR 'essential fatty acid deficiency'/de OR 'femur neck fracture'/de OR 'hip fracture'/de OR 'hospital discharge'/de OR 'kwashiorkor'/de OR 'malnutrition'/de OR 'muscle atrophy'/de OR 'muscle weakness'/de OR 'nutritional status'/de OR 'nutritional deficiency'/de OR 'nutritional assessment'/de OR 'postoperative period'/de OR 'protein calorie malnutrition'/de OR 'protein deficiency'/de OR 'underweight'/de | 281,898 |
| 3. | ((anorexia NEAR/2 ageing) OR Cachectic OR Cachexia OR ((Depleted OR depletion) NEAR/2 nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) NEAR/1 (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficiency" OR "Nutritional assessment" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor" NEAR/2 nutrition) OR ("risk factors" NEAR/2 nutrition) OR Sarcopeni* OR undernutrition OR under-nutrition OR undernourished OR under-nourished OR "worsening nutritional status" OR ("weight loss" NEAR/1 (unintended OR involuntary))):ti:ab | 59,768 |
| 4. | 2 OR 3 | 302,386 |
| Intervention: oral protein- or energy supplements | | |
| 5. | 'diet supplementation'/mj OR 'diet therapy'/mj OR 'geriatric nutrition'/mj OR 'nutritional support'/mj OR 'nutrition'/mj OR 'protein intake'/mj OR 'protein diet'/mj OR 'supplementation'/mj | 48,410 |
| 6. | (Calogen OR "dietary supplement" OR "dietary supplements" OR "dietary oral supplement" OR "dietary oral supplements" OR "diet therapy" OR "diet intervention" OR "diet interventions" OR "dietary protein" OR "Energy supplement" OR "enriched drink" OR "food supplement" OR "liquid supplement" OR "multi-nutrient supplement" OR "multinutrient supplement" OR "Nutritional support" OR "nutritional supplement" OR "nutrition supplementation" OR "nutritional intervention" OR "nutritional interventions" OR "Nutrition intervention" OR "Nutrition interventions" OR "Nutritional formula" OR "nutrient dense drink" OR "Oral supplement" OR "Oral supplements" OR "protein-rich supplement" OR "protein-rich supplements" OR "protein-rich liquid" OR "protein supplement" OR "protein supplements" OR "protein-energy supplement" OR "protein-energy supplements" OR "sip-feed" OR "Sip feed"):ti:ab | 22,097 |
| 7. | 5 OR 6 | 63,385 |

| Study types: RCT | | |
|-------------------------|----------------------------------|---------|
| 8. | 'randomized controlled trial'/de | 236,670 |
| Combined sets | | |
| 9. | 1 AND 4 AND 7 AND 8 | 317 |
| 10. | 9 AND [2007-2013]/py | 151 |

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

| Embase via Embase.com, 26 December 2013 | | |
|---|---|-------------|
| Title: Protein and energy supplementation in elderly people at risk from malnutrition: economic evaluations | | |
| | Search terms | Items found |
| Population: aged | | |
| 1. | 'aged'/de OR 'aged hospital patient'/de OR 'frail elderly'/de OR 'very elderly'/de OR 'geriatric patient'/de OR 'elderly care'/de OR 'aging'/de | 2,189,643 |
| Population: malnutrition/patients at risk for malnutrition | | |
| 2. | 'cachexia'/exp OR 'essential fatty acid deficiency'/de OR 'femur neck fracture'/de OR 'hip fracture'/de OR 'hospital discharge'/de OR 'kwashiorkor'/de OR 'malnutrition'/de OR 'muscle atrophy'/de OR 'muscle weakness'/de OR 'nutritional status'/de OR 'nutritional deficiency'/de OR 'nutritional assessment'/de OR 'postoperative period'/de OR 'protein calorie malnutrition'/de OR 'protein deficiency'/de OR 'underweight'/de OR ((anorexia NEAR/2 ageing) OR Cachectic OR Cachexia OR ((Depleted OR depletion) NEAR/2 nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) NEAR/1 (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficiency" OR "Nutritional assessment" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor" NEAR/2 nutrition) OR ("risk factors" NEAR/2 nutrition) OR Sarcopeni* OR undernutrition OR under-nutrition OR undernourished OR under-nourished OR "worsening nutritional status" OR ("weight loss" NEAR/1 (unintended OR involuntary))):ti:ab | 395,195 |
| Intervention: oral protein- or energy supplements | | |
| 3. | 'diet supplementation'/mj OR 'diet therapy'/mj OR 'geriatric nutrition'/mj OR 'nutritional support'/mj OR 'nutrition'/mj OR 'protein intake'/mj OR 'protein diet'/mj OR 'supplementation'/mj OR (Calogen OR "dietary supplement" OR "dietary supplements" OR "dietary oral supplement" OR "dietary oral supplements" OR "diet therapy" OR "diet intervention" OR "diet interventions" OR "dietary protein" OR "Energy supplement" OR "enriched drink" OR "food supplement" OR "liquid supplement" OR "multi-nutrient supplement" OR "multinutrient supplement" OR "Nutritional support" OR "nutritional supplement" OR "nutrition supplementation" OR "nutritional intervention" OR "nutritional interventions" OR "Nutrition intervention" OR "Nutrition interventions" OR "Nutritional formula" OR "nutrient dense drink" OR "Oral supplement" OR "Oral supplements" OR "protein-rich supplement" OR "protein-rich supplements" OR "protein-rich liquid" OR "protein supplement" OR "protein supplements" OR "protein-energy supplement" OR "protein-energy supplements" OR "sip-feed" OR "Sip feed"):ti:ab | 113,681 |
| Economic evaluation | | |
| 4. | ('health economics'/de/mj OR 'economic evaluation'/exp/mj OR 'health-care-cost'/exp/mj OR 'pharmacoeconomics'/exp/mj OR 'economic aspect'/exp/mj OR 'financial management'/exp/mj OR ((economic near/2 (evaluation* OR analys* OR stud*)) OR (value* near/2 (money OR monetary)) OR pharmacoeconomic* OR (pharmaco next/1economic*) OR "icer" OR (cost NEAR/2 (util* OR benefit* OR effectiveness OR illness OR analys* OR consequence* OR saving* OR breakdown* OR low* OR high* OR estimate* OR variable* OR allocation* OR control* OR unit))):ti,ab OR (economic* OR cost*):ti OR 'quality adjusted life year'/de/mj OR utility:ti,ab OR utilities:ti,ab OR qaly*:ti,ab OR "quality adjusted life":ti,ab OR "disability adjusted life":ti,ab OR daly*:ti,ab OR qald*:ti,ab OR qale*:ti,ab OR | 636,358 |

| | | |
|----------------------|--|------------|
| | qtime*:ti,ab OR "hye":ti,ab OR "hyes":ti,ab OR (('healthy year' OR 'healthy years' OR 'health year' OR 'health years') NEXT/2 equivalent*):ti,ab OR "quality of well being":ti,ab OR "qwb":ti,ab OR "euroqol":ti,ab OR "eq5d":ti,ab OR "eq 5d":ti,ab OR "health utilities index":ti,ab OR "hui":ti,ab OR "hui2":ti,ab OR "hui3":ti,ab OR "rosser":ti,ab OR "sf 6":ti,ab OR "sf6":ti,ab OR "sf6D":ti,ab OR "sf 6D":ti,ab OR "short form 6D":ti,ab OR "time trade off":ti,ab OR "time tradeoff":ti,ab OR "standard gamble":ti,ab OR ((willing or willingness) near/2 (pay or accept)):ti,ab) | |
| Combined sets | | |
| 5. | 1 AND 2 AND 3 AND 4 | 125 |

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti:ab = Title or abstract

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

| Cochrane Library via Wiley, 26 november 2013 (EED) | | |
|---|---|-------------|
| Title: Protein and energy supplementation in elderly people at risk from malnutrition: economic evaluations | | |
| | Search terms | Items found |
| Population: aged | | |
| 1. | "Aged"[Mesh] | 883 |
| Population: malnutrition/risk for malnutrition | | |
| 2. | "Cachexia"[Mesh] | 129 |
| 3. | "Femoral Neck Fractures"[MeSH] | 267 |
| 4. | Deficiency Diseases[Mesh:NoExp] | 78 |
| 5. | "Hospitalization"[Mesh] | 11083 |
| 6. | "Malnutrition"[Mesh:NoExp] | 232 |
| 7. | "Nutrition Assessment"[Mesh:NoExp] | 335 |
| 8. | "Nutrition Disorders"[MeSH:NoExp] | 358 |
| 9. | "Nutritional Status"[Mesh] | 1385 |
| 10. | "Protein-Energy Malnutrition"[Mesh] | 220 |
| 11. | Postoperative Care[MeSH] | 3607 |
| 12. | "Protein Deficiency"[Mesh] | 238 |
| 13. | "Sarcopenia"[Mesh] | 27 |
| 14. | Starvation[MesH:NoExp] | 38 |
| 15. | "Wasting Syndrome"[Mesh:NoExp] | 25 |
| 16. | ("anorexia of ageing" OR Cachectic OR Cachexia OR (Deplet* AND nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) AND (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficiency" OR "Nutritional assessment" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor" AND nutrition) OR ("risk factors" AND nutrition) OR Sarcopeni* OR undernutrition OR under-nutrition OR undernourished OR under-nourished OR "worsening nutritional status" OR ("weight loss" AND (unintended OR involuntary))):ti,ab,kw | 5570 |
| 17. | 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 | 19778 |
| Intervention: oral protein- or energy supplements | | |
| 18. | "Dietary Supplements"[Mesh:NoExp] | 5032 |
| 19. | "Dietary Proteins"[Mesh:NoExp] | 1657 |
| 20. | "Energy Intake"[Mesh:NoExp] | 2901 |
| 21. | "Dietary Fats"[Mesh] | 4946 |
| 22. | Food, fortified[MeSH:NoExp] | 1027 |
| 23. | Food, formulated[MeSH:NoExp] | 651 |
| 24. | "Nutritional Support"[Mesh:NoExp] | 181 |
| 25. | "Nutrition Therapy"[Mesh:NoExp] | 54 |
| 26. | (Calogen OR "dietary supplement" OR "dietary supplements" OR "dietary oral supplement" OR "dietary oral supplements" OR "diet therapy" OR "diet intervention" | 9713 |

| | | |
|----------------------|--|--------------|
| | OR "diet interventions" OR "dietary protein" OR "Energy supplement" OR "enriched drink" OR "food supplement" OR "liquid supplement" OR "multi-nutrient supplement" OR "multinutrient supplement" OR "Nutritional support" OR "nutritional supplement" OR "nutrition supplementation" OR "nutritional intervention" OR "nutritional interventions" OR "Nutrition intervention" OR "Nutrition interventions" OR "Nutritional formula" OR "nutrient dense drink" OR "Oral supplement" OR "Oral supplements" OR "protein-rich supplement" OR "protein-rich supplements" OR "protein-rich liquid" OR "protein supplement" OR "protein supplements" OR "protein-energy supplement" OR "protein-energy supplements" OR "sip-feed" OR "Sip feed"):ti,ab,kw | |
| 27. | 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 | 16258 |
| Combined sets | | |
| 28. | 1 AND 17 AND 27 | EED/0 |

The search result, usually found at the end of the documentation, forms the list of abstracts

[AU] = Author

[MAJR] = MeSH Major Topic

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

Systematic[SB] = Filter for retrieving systematic reviews

[TI] = Title

[TIAB] = Title or abstract

[TW] = Text Word

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, "trials"

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, "other reviews"

EED = Economic Evaluations

HTA = Health Technology Assessments

| Cochrane Library via Wiley, 20 December 2012 (CDSR, DARE & CENTRAL) | | |
|---|---|--------------|
| Title: Protein and energy supplementation in elderly people at risk from malnutrition | | |
| | Search terms | Items found |
| Population: aged | | |
| 1. | "Aged"[Mesh] | 561 |
| Population: malnutrition/risk for malnutrition | | |
| 2. | "Cachexia"[Mesh] | 117 |
| 3. | "Femoral Neck Fractures"[MeSH] | 252 |
| 4. | Deficiency Diseases[Mesh:NoExp] | 77 |
| 5. | "Hospitalization"[Mesh] | 10365 |
| 6. | "Malnutrition"[Mesh:NoExp] | 201 |
| 7. | "Nutrition Assessment"[Mesh:NoExp] | 315 |
| 8. | "Nutrition Disorders"[MeSH:NoExp] | 357 |
| 9. | "Nutritional Status"[Mesh] | 1321 |
| 10. | "Protein-Energy Malnutrition"[Mesh] | 218 |
| 11. | Postoperative Care[MeSH] | 3502 |
| 12. | "Protein Deficiency"[Mesh] | 235 |
| 13. | "Sarcopenia"[Mesh] | 21 |
| 14. | Starvation[Mesh:NoExp] | 38 |
| 15. | "Wasting Syndrome"[Mesh:NoExp] | 20 |
| 16. | ((("anorexia of ageing") OR Cachectic OR Cachexia OR ((Depleted OR depletion) AND nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) AND (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficiency" OR "Nutritional assessment" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor" AND nutrition) OR ("risk factors" AND nutrition) OR Sarcopeni* OR undernutrition OR under-nutrition OR undernourished OR under-nourished OR "worsening nutritional status" OR ("weight loss" AND (unintended OR involuntary)))):ti,ab,kw | 5290 |
| 17. | 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 | 18919 |
| Intervention: oral protein- or energy supplements | | |
| 18. | "Dietary Supplements"[Mesh:NoExp] | 4631 |
| 19. | "Dietary Proteins"[Mesh:NoExp] | 1605 |
| 20. | "Energy Intake"[Mesh:NoExp] | 2777 |
| 21. | "Dietary Fats"[Mesh] | 4746 |
| 22. | Food, fortified[MeSH:NoExp] | 999 |
| 23. | Food, formulated[MeSH:NoExp] | 643 |
| 24. | "Nutritional Support"[Mesh:NoExp] | 163 |
| 25. | "Nutrition Therapy"[Mesh:NoExp] | 48 |

| | | |
|----------------------|--|---|
| 26. | (Calogen OR "dietary supplement" OR "dietary supplements" OR "dietary oral supplement" OR "dietary oral supplements" OR "diet therapy" OR "diet intervention" OR "diet interventions" OR "dietary protein" OR "Energy supplement" OR "enriched drink" OR "food supplement" OR "liquid supplement" OR "multi-nutrient supplement" OR "multinutrient supplement" OR "Nutritional support" OR "nutritional supplement" OR "nutrition supplementation" OR "nutritional intervention" OR "nutritional interventions" OR "Nutrition intervention" OR "Nutrition interventions" OR "Nutritional formula" OR "nutrient dense drink" OR "Oral supplement" OR "Oral supplements" OR "protein-rich supplement" OR "protein-rich supplements" OR "protein-rich liquid" OR "protein supplement" OR "protein supplements" OR "protein-energy supplement" OR "protein-energy supplements" OR "sip-feed" OR "Sip feed"):ti,ab,kw | 9876 |
| 27. | 18 OR 19 OR 20 OR 21 OR 22 OR 23 OR 24 OR 25 OR 26 | 15786 |
| Combined sets | | |
| 28. | 1 AND 17 AND 27 AND 2007 | CDSR/1 (0) DARE/3 (2) Central/1 3 |

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[TI] = Title

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[TW] = Text Word

* = Truncation

“ ” = Citation Marks; searches for an exact phrase

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CENTRAL = Cochrane Central Register of Controlled Trials, "trials"

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, "other reviews"

EED = Economic Evaluations

HTA = Health Technology Assessments

| HEED via EBSCO 26 November 2013 Protein and energy supplementation in elderly people at risk from malnutrition | | |
|---|---|-------------|
| | Search terms | Items found |
| Population: aged | | |
| 1. | MH "Aged" OR MH "Aged, 80 and over" OR MH "Frail Elderly" OR MH Geriatrics OR MH "Homes for the Aged" OR MH "Age Factors" OR MH Aging OR MH "Housing for the Elderly" OR TI ("older patient" OR "older patients" OR "older adult" OR "older adults" OR "older women" OR "older men" OR geriatric OR geriatrics OR elderly OR elders OR elder OR senior OR seniors OR "community-dwelling" OR "nursing home" OR "nursing homes" OR "care home" OR "care homes" OR "oldest old" OR frail OR Aged) | 9,605 |
| Population: malnutrition/risk for malnutrition | | |
| 2. | (MH "Cachexia" OR MH "Femoral Neck Fractures/complications" OR MH "Femoral Neck Fractures" OR MM "Hospitalization" OR MH "Malnutrition" OR MH "Nutrition Assessment" OR MH "Nutrition Disorders" OR MH "Nutritional Status" OR MH "Protein-Energy Malnutrition" OR MH Postoperative Care OR MH "Protein Deficiency" OR MH "Sarcopenia" OR MH "Wasting Syndrome" OR MH "Deficiency Diseases" OR MH "Refeeding Syndrome" OR MH "Starvation") OR AB (Cachectic OR Cachexia OR Depleted OR Frail* OR "impaired nutritional status" OR "inadequate nutritional intake" OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR (Nutritional W0 assess*) OR "nutritionally at risk" OR "nutritional risk" OR "Nutritional status" OR (nutritional W0 deficienc*) OR "poor nutritional status" OR undernutrition OR under-nutr* OR undernourished OR under-nourish* OR "worsening nutritional status") | 128 |
| Intervention: oral protein- or energy supplements | | |
| 3. | MH "Dietary Supplements" OR MH "Dietary Proteins" OR MH "Energy Intake" OR MH "Dietary Fats" OR MH "Food, fortified" OR MH "Food, formulated" OR MH "Nutritional Support" OR MH "Nutrition Therapy" OR MH "Margarine" OR MH "Fatty Acids, Omega-3" OR MH "Dietary Fats, Unsaturated" OR TX (Calogen OR (dietary W0 supplement*) OR "dietary oral supplement" OR "diet therapy" OR (diet W0 intervention*) OR (dietary W0 protein*) OR (Energy W0 supplement*) OR (enriched W0 drink*) OR (food W0 supplement*) OR (multi-nutrient W0 supplement*) OR (multinutrient W0 supplement*) OR "Nutritional support" OR (nutrition* W0 supplement*) OR (Nutrition* W0 intervention*) OR (Nutritional W1 formula) OR (Oral W0 suppl*) OR (protein W2 supplement*) OR (protein-energy W0 supplement*) OR sip-feed* OR (Sip W1 feed*)) | 259 |
| Combined sets | | |
| 4. | 1 AND 2 AND 3 | 6 |

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the "Cinahl Headings" thesaurus

MM = Major Concept

TI = Title

TX = All Text. Performs a keyword search of all the database's searchable fields

ZC = Methodology Index

* = Truncation

" " = Citation Marks; searches for an exact phrase

| PsycInfo via Ebsco, 20 December 2012 | | |
|---|---|---------------|
| Title: Protein and energy supplementation in elderly people at risk from malnutrition | | |
| | Search terms | Items found |
| Population: aged | | |
| 1. | DE "Geriatric Patients" OR DE "Geriatrics" OR DE "Elder Care" OR TI ("older patient*" OR "older adult" OR "older adults" OR "older women" OR "older men" OR geriatric OR geriatrics OR elderly OR elders OR elder OR senior OR seniors OR "community-dwelling" OR "nursing home" OR "nursing homes" OR "care home" OR "care homes" OR "oldest old" OR frail*) | 51,625 |
| Population: malnutrition/patients at risk for malnutrition | | |
| 2. | DE "Nutritional Deficiencies" OR DE "Protein Deficiency Disorders" OR DE "Starvation" OR (DE "Underweight") OR DE "Hospitalized Patients" OR DE "At Risk Populations" | 39,362 |
| 3. | TI((anorexia N2 ageing) OR Cachectic OR Cachexia OR ((Depleted OR depletion) N2 nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) N1 (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficiency" OR "Nutritional assessment" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor" N2 nutrition) OR ("risk factors" N2 nutrition) OR Sarcopeni* OR undernutrition OR under-nutrition OR undernourished OR under-nourished OR "worsening nutritional status" OR ("weight loss" N1 (unintended OR involuntary))) OR AB ((anorexia N2 ageing) OR Cachectic OR Cachexia OR ((Depleted OR depletion) N2 nutri*) OR Frail* OR "impaired nutritional status" OR ((inadequate OR poor) N1 (nutrition* OR nutrient)) OR Malnutr* OR malnourished OR "Mini Nutritional Assessment" OR "nutritionally at risk" OR "nutritional risk" OR "nutrition risk" OR "nutritional deficiency" OR "Nutritional assessment" OR "Nutritional status" OR "nutritional loss" OR "poor nutritional status" OR ("risk factor" N2 nutrition) OR ("risk factors" N2 nutrition) OR Sarcopeni* OR undernutrition OR under-nutrition OR undernourished OR under-nourished OR "worsening nutritional status" OR ("weight loss" N1 (unintended OR involuntary))) | 6,658 |
| 4. | 2 OR 3 | 44,567 |
| Intervention: oral protein- or energy supplements | | |
| 5. | MM "Dietary Supplements" OR MM "Nutrition" OR MM "Proteins" OR MM "Calories" OR MM "Food Intake" | 27,088 |
| 6. | TI (Calogen OR "dietary supplement" OR "dietary supplements" OR "dietary oral supplement" OR "dietary oral supplements" OR "diet therapy" OR "diet intervention" OR "diet interventions" OR "dietary protein" OR "Energy supplement" OR "enriched drink" OR "food supplement" OR "liquid supplement" OR "multi-nutrient supplement" OR "multinutrient supplement" OR "Nutritional support" OR "nutritional supplement" OR "nutrition supplementation" OR "nutritional intervention" OR "nutritional interventions" OR "Nutrition intervention" OR "Nutrition interventions" OR "Nutritional formula" OR "nutrient dense drink" OR "Oral supplement" OR "Oral supplements" OR "protein-rich supplement" OR "protein-rich supplements" OR "protein-rich liquid" OR "protein supplement" OR "protein supplements" OR "protein-energy supplement" OR "protein-energy supplements" OR "sip-feed" OR "Sip feed") OR AB (Calogen OR "dietary supplement" OR "dietary supplements" OR "dietary oral supplement" OR "dietary oral supplements" OR "diet therapy" OR "diet | 1,137 |

| | | |
|-------------------------|---|---------------|
| | intervention" OR "diet interventions" OR "dietary protein" OR "Energy supplement" OR "enriched drink" OR "food supplement" OR "liquid supplement" OR "multi-nutrient supplement" OR "multinutrient supplement" OR "Nutritional support" OR "nutritional supplement" OR "nutrition supplementation" OR "nutritional intervention" OR "nutritional interventions" OR "Nutrition intervention" OR "Nutrition interventions" OR "Nutritional formula" OR "nutrient dense drink" OR "Oral supplement" OR "Oral supplements" OR "protein-rich supplement" OR "protein-rich supplements" OR "protein-rich liquid" OR "protein supplement" OR "protein supplements" OR "protein-energy supplement" OR "protein-energy supplements" OR "sip-feed" OR "Sip feed") | |
| 7. | 5 OR 6 | 27,624 |
| Study types: RCT | | |
| 8. | TI (Randomi?ed N2 (trial OR study)) | 8,679 |
| Combined sets | | |
| 9. | 1 AND 4 AND 7 AND 8 | 3 |
| 10. | 9 AND Limiters - Publication Year from: 2007- | 2 |

The search result, usually found at the end of the documentation, forms the list of abstracts

AB = Abstract

AU = Author

DE = Term from the thesaurus

MH = Term from the "Cinahl Headings" thesaurus

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