**Appendix 2A: Original search strategies**

1- Pubmed April 8, 2020

|  |  |
| --- | --- |
| [#12](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search #10 AND #11 |
| [#11](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search 2010/04:2020/04[crdt] |
| [#10](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search #8 AND #9 |
| [#9](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search “Attitude to Health”[MESH] OR Patient Participation[MESH:NOEXP] OR Patient Preference[MESH:NOEXP] OR Cost-Benefit Analysis[MESH:NOEXP] OR preference\*[tw] OR choice\*[tw] OR valu\*[tw] OR expectation\*[tw] OR attitude\*[tw] OR acceptab\*[tw] OR knowledg\*[tw] OR sustain\*[tw] OR barrier\*[tw] ] OR access\*[tw] OR implement\*[tw] OR inequit\*[tw] OR disparit\*[tw] OR inequalit\*[tw] OR income[tw] OR socioeconomic\*[tw] OR gamble[tw] OR utility\*[tw]OR health sat\*[tw] OR adhere\*[tw] OR quality life[tw] OR Qol[tw] OR willing\*[tw]OR burden\*[tw] OR satisf\*[tw] OR opinion\*[tw] OR Patient participation\*[tw] OR patients participation\*[tw] OR user participation\*[tw] OR users participation\*[tw] OR health participation\*[tw] OR healthcare participation\*[tw] OR health-care participation\*[tw] OR Patient perception\*[tw] OR patients perception\*[tw] OR user perception\*[tw] OR users perception\*[tw] OR health perception\*[tw] OR healthcare perception\*[tw] OR health-care perception\*[tw] OR (decision\*[tw] AND (board\*[tw] OR tool\*[tw] OR analy\*[tw] OR support[tw]) OR equit\*[tw] OR equality[tw] OR feasib\*[tw] OR perspective\*[tw] OR cost\*[tw] OR resource\*[tw]) OR balance sect\*[tw] OR discrete choice\*[tw] OR ((“decision making”[mesh] OR decision mak\*[tw]) AND (patient\*[tw] OR user\*[tw] OR Famil\*[tw] OR customer\*[tw] OR consumer\*[tw] OR client\*[tw] OR men[tw] OR man[tw] OR women[tw] OR woman[w] OR individual[tw] OR individuals[tw])) |
| [#8](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search #6 OR #7 |
| [#7](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search HHM[tw] or LOH[tw] |
| [#6](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search #1 AND #5 |
| [#5](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search #2 OR #3 OR #4 |
| [#4](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search (calcinos\*[tw] OR hypercalcemi\*[tw]) |
| [#3](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search Hypercalcemia [MESH:NOEXP] |
| [#2](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search Calcinosis[MESH:NOEXP] |
| [#1](https://www-ncbi-nlm-nih-gov.ezproxy.aub.edu.lb/pubmed) | Search (cancer\*[tw] OR carcinoma\*[tw] OR adenocarcinoma\*[tw] OR hepatocarcinoma\*[tw] OR carcinosarcoma\*[tw] OR sarcoma\*[tw] OR histiocytoma\*[tw] OR fibrosarcoma\*[tw] OR osteosarcoma\*[tw] OR chondrosarcoma\*[tw] OR lymphosarcoma\*[tw] OR rhabdomyosarcoma\*[tw] OR leukemi\*[tw] OR leukaemi\*[tw] OR erythroleukem\*[tw] OR erythroleukaem\*[tw] OR lymphoma\*[tw] OR melanoma\*[tw] OR hodgkin\*[tw] OR multiple myeloma\*[tw] OR mesothelioma\*[tw] OR neoplas\*[tw] OR malignan\*[tw] OR metastas\*[tw] OR carcinoid\*[tw] OR neuroblastoma\*[tw] OR Mycosis Fungoid\*[tw] OR Sezary Syndrome\*[tw] OR Retinoblastoma\*[tw] OR pheochromocytoma\*[tw] OR nephroblastoma\*[tw] OR chORiocarcinoma\*[tw] OR Pleuropulmonary Blastoma\*[tw] OR glioblastoma\*[tw] OR glioma\*[tw] OR astrocytoma\*[tw] OR ependymoma\*[tw] OR medulloblastoma\*[tw] OR meningioma\*[tw] OR craniopharyngioma\*[tw] OR myelodysplastic[tw] OR myeloproliferative[tw] OR macroglobulinemi\*[tw] OR macroglobulinaemi\*[tw] OR pineoblastoma\*[tw] OR oncol\*[tw] OR cyst[tw] OR tumor\*[tw] OR tumour\*[tw] OR Neoplasm [MESH] |

2- Medline (OVID) April 8, 2020

1 (cancer\* or carcinoma\* or adenocarcinoma\* or hepatocarcinoma\* or carcinosarcoma\* or sarcoma\* or histiocytoma\* or fibrosarcoma\* or osteosarcoma\* or chondrosarcoma\* or lymphosarcoma\* or rhabdomyosarcoma\* or leuk?emi\* or erythroleukem\* or erythroleukaem\* or lymphoma\* or melanoma\* or hodgkin\* or "multiple myeloma" or mesothelioma\* or neoplas\* or malignan\* or metastas\* or carcinoid\* or neuroblastoma\* or (Mycosis adj Fungoid?s) or (Sezary adj Syndrome) or Retinoblastoma\* or pheochromocytoma\* or nephroblastoma\* or choriocarcinoma\* or (Pleuropulmonary adj Blastoma?) or glioblastoma\* or glioma\* or astrocytoma\* or ependymoma\* or medulloblastoma\* or meningioma\* or craniopharyngioma\* or myelodysplastic or myeloproliferative or macroglobulinemi\* or macroglobulinaemi\* or pineoblastoma\* or oncol\* or cyst or tumo?r\*).mp. or exp Neoplasm/

2 Calcinosis/ or hypercalcemia/ or (calcinos?s or hypercalcemi\*).mp.

3 (HHM or LOH).mp.

4 1 and 2

5 3 or 4

6 exp Attitude to Health/ or Patient Participation/ or Patient Preference/ or Cost-Benefit Analysis/ or (preference\* or choice\* or valu\* or expectation? or attitude\* or acceptab\* or knowledg\* or sustain\* or barrier\* or access\* or implement\* or inequit\* or disparit\* or inequalit\* or income or socioeconomic\* or gamble or utilit\* or (health adj stat\*) or adhere\* or (quality adj2 life) or Qol or willing\* or burden\* or satisf\* or opinion\* or ((patient\* or user\* or health\*) adj3 (participat\* or perce\*)) or (Decision adj3 (board\* or tool\* or analy\* or support)) or equit\* or equality or feasib\* or perspective\* or cost\* or resource\* or (balance adj1 sect\*) or (discrete\* adj1 choice\*)).mp. or ((exp Decision Making/ or (decision\* adj1 mak\*).mp.) and (patient\* or user\* or Famil\* or customer\* or consumer\* or client\* or women or men or individual?).mp.)

7 5 and 6

8 limit 7 to ez="20100407-20200407"

3- Embase.com April 8, 2020

#14. #12 AND #13

#13. [1-4-2010]/sd

#12. #10 AND #11

#11. 'attitude to health'/exp OR 'patient participation'/de OR 'patient preference'/de OR 'cost benefit analysis'/de OR preference\*:ti,ab,kw OR choice\*:ti,ab,kw OR valu\*:ti,ab,kw OR expectation$:ti,ab,kw OR attitude\*:ti,ab,kw OR acceptab\*:ti,ab,kw OR knowledg\*:ti,ab,kw OR sustain\*:ti,ab,kw OR barrier\*:ti,ab,kw OR access\*:ti,ab,kw OR implement\*:ti,ab,kw OR inequit\*:ti,ab,kw OR disparit\*:ti,ab,kw OR inequalit\*:ti,ab,kw OR income:ti,ab,kw OR socioeconomic\*:ti,ab,kw OR gamble:ti,ab,kw OR utilit\*:ti,ab,kw OR ((health NEXT/0 stat\*):ti,ab,kw) OR adhere\*:ti,ab,kw OR ((quality NEAR/2 life):ti,ab,kw) OR qol:ti,ab,kw OR willing\*:ti,ab,kw OR burden\*:ti,ab,kw OR satisf\*:ti,ab,kw OR opinion\*:ti,ab,kw OR (((patient\* OR user\* OR health\*) NEAR/3 (participat\* OR perce\*)):ti,ab,kw) OR ((decision NEAR/3 (board\* OR tool\* OR analy\* OR support)):ti,ab,kw) OR equit\*:ti,ab,kw OR equality:ti,ab,kw OR feasib\*:ti,ab,kw OR perspective\*:ti,ab,kw OR cost:ti,ab,kw OR resource\*:ti,ab,kw OR ((balance NEAR/1 sect\*):ti,ab,kw) OR ((discrete\* NEAR/1 choice\*):ti,ab,kw) OR ('decision making'/exp AND (patient\*:ti,ab,kw OR user\*:ti,ab,kw OR famil\*:ti,ab,kw OR customer\*:ti,ab,kw OR consumer\*:ti,ab,kw OR client\*:ti,ab,kw OR women:ti,ab,kw OR men OR individual\*:ti,ab,kw)) OR (((decision\* NEAR/1 mak\*):ti,ab,kw) AND (patient\*:ti,ab,kw OR user\*:ti,ab,kw OR famil\*:ti,ab,kw OR customer\*:ti,ab,kw OR consumer\*:ti,ab,kw OR client\*:ti,ab,kw OR women:ti,ab,kw OR men:ti,ab,kw OR individual\*:ti,ab,kw))

#10. #8 OR #9

#9. #3 AND #7

#8. hhm:ti,ab,kw OR loh:ti,ab,kw

#7. #4 OR #5 OR #6

#6. calcinos$s:ti,ab,kw OR hypercalcemi:ti,ab,kw

#5. 'hypercalcemia'/de

#4. 'calcinosis'/de

#3. #1 OR #2

#2. 'neoplasm'/exp

#1. cancer\*:ti,ab,kw OR carcinoma\*:ti,ab,kw OR adenocarcinoma\*:ti,ab,kw OR hepatocarcinoma\*:ti,ab,kw OR carcinosarcoma\*:ti,ab,kw OR sarcoma\*:ti,ab,kw OR histiocytoma\*:ti,ab,kw OR fibrosarcoma\*:ti,ab,kw OR osteosarcoma\*:ti,ab,kw OR chondrosarcoma\*:ti,ab,kw OR lymphosarcoma\*:ti,ab,kw OR rhabdomyosarcoma\*:ti,ab,kw OR leukemi\*:ti,ab,kw OR leukaemi\*:ti,ab,kw OR erythroleukem\*:ti,ab,kw OR erythroleukaem\*:ti,ab,kw OR lymphoma\*:ti,ab,kw OR melanoma\*:ti,ab,kw OR hodgkin\*:ti,ab,kw OR 'multiple myeloma':ti,ab,kw OR mesothelioma\*:ti,ab,kw OR neoplas\*:ti,ab,kw OR malignan\*:ti,ab,kw OR metastas\*:ti,ab,kw OR carcinoid\*:ti,ab,kw OR neuroblastoma\*:ti,ab,kw OR ((mycosis NEXT/0 fungoid$s):ti,ab,kw) OR ((sezary NEXT/0 syndrome):ti,ab,kw) OR retinoblastoma\*:ti,ab,kw OR pheochromocytoma\*:ti,ab,kw OR nephroblastoma\*:ti,ab,kw OR choriocarcinoma\*:ti,ab,kw OR ((pleuropulmonary NEXT/0 blastoma$):ti,ab,kw) OR glioblastoma\*:ti,ab,kw OR glioma\*:ti,ab,kw OR astrocytoma\*:ti,ab,kw OR ependymoma\*:ti,ab,kw OR medulloblastoma\*:ti,ab,kw OR meningioma\*:ti,ab,kw OR craniopharyngioma\*:ti,ab,kw OR myelodysplastic:ti,ab,kw OR myeloproliferative:ti,ab,kw OR macroglobulinemi\*:ti,ab,kw OR macroglobulinaemi\*:ti,ab,kw OR pineoblastoma\*:ti,ab,kw OR oncol\*:ti,ab,kw OR cyst:ti,ab,kw OR tumo$r\*:ti,ab,kw

4- CINAHL (EBSCO) April 9, 2020:

|  |  |
| --- | --- |
| S29 | MW S14 AND S28 |
| S28 | S15 OR S16 OR S17 OR S18 OR S24 OR S25 OR S26 OR S27 |
| S27 | MW (preference\* OR choice\* OR valu\* OR expectation# OR attitude\* OR acceptab\* OR knowledg\*) OR sustain\* OR barrier\* OR access\* OR implement\* OR inequit\* OR disparit\* OR inequalit\* OR income OR socioeconomic\* OR gamble OR utilit\* OR ((health W0 stat\*)) OR adhere\* OR ((quality N2 life)) OR qol OR willing\* OR burden\* OR satisf\* OR opinion\* OR (((patient\* OR user\* OR health\*) N3 (participat\* OR perce\*))) OR ((decision N3 (board\* OR tool\* OR analy\* OR support))) OR equit\* OR equality OR feasib\* OR perspective\* OR cost OR resource\* OR ((balance N1 sect\*)) OR ((discrete\* N1 choice\*)) OR (((decision\* N1 mak\*)) AND (patient\* OR user\* OR famil\* OR customer\* OR consumer\* OR client\* OR women OR woman OR men OR man OR individual\*)) |
| S26 | AB (preference\* OR choice\* OR valu\* OR expectation# OR attitude\* OR acceptab\* OR knowledg\*) OR sustain\* OR barrier\* OR access\* OR implement\* OR inequit\* OR disparit\* OR inequalit\* OR income OR socioeconomic\* OR gamble OR utilit\* OR ((health W0 stat\*)) OR adhere\* OR ((quality N2 life)) OR qol OR willing\* OR burden\* OR satisf\* OR opinion\* OR (((patient\* OR user\* OR health\*) N3 (participat\* OR perce\*))) OR ((decision N3 (board\* OR tool\* OR analy\* OR support))) OR equit\* OR equality OR feasib\* OR perspective\* OR cost OR resource\* OR ((balance N1 sect\*)) OR ((discrete\* N1 choice\*)) OR (((decision\* N1 mak\*)) AND (patient\* OR user\* OR famil\* OR customer\* OR consumer\* OR client\* OR women OR woman OR men OR man OR individual\*)) |
| S25 | TI (preference\* OR choice\* OR valu\* OR expectation# OR attitude\* OR acceptab\* OR knowledg\*) OR sustain\* OR barrier\* OR access\* OR implement\* OR inequit\* OR disparit\* OR inequalit\* OR income OR socioeconomic\* OR gamble OR utilit\* OR ((health W0 stat\*)) OR adhere\* OR ((quality N2 life)) OR qol OR willing\* OR burden\* OR satisf\* OR opinion\* OR (((patient\* OR user\* OR health\*) N3 (participat\* OR perce\*))) OR ((decision N3 (board\* OR tool\* OR analy\* OR support))) OR equit\* OR equality OR feasib\* OR perspective\* OR cost OR resource\* OR ((balance N1 sect\*)) OR ((discrete\* N1 choice\*)) OR (((decision\* N1 mak\*)) AND (patient\* OR user\* OR famil\* OR customer\* OR consumer\* OR client\* OR women OR woman OR men OR man OR individual\*)) |
| S24 | S19 AND S23 |
| S23 | S20 OR S21 OR S22 |
| S22 | MW patient\* OR user\* OR famil\* OR customer\* OR consumer\* OR client\* OR women OR woman OR men OR man OR individual\* |
| S21 | AB patient\* OR user\* OR famil\* OR customer\* OR consumer\* OR client\* OR women OR woman OR men OR man OR individual\* |
| S20 | TI patient\* OR user\* OR famil\* OR customer\* OR consumer\* OR client\* OR women OR woman OR men OR man OR individual\* |
| S19 | (MH "Decision Making+") |
| S18 | (MH "Cost Benefit Analysis") |
| S17 | (MH "Patient Preference") |
| S16 | (MH "Consumer Participation") |
| S15 | (MH "Attitude to Health+") |
| S14 | S12 OR S13 |
| S13 | TI HHM OR LOH |
| S12 | S10 AND S11 |
| S11 | S5 OR S6 OR S7 OR S8 OR S9 |
| S10 | S1 OR S2 OR S3 OR S4 |
| S9 | MW calcinos\* OR hypercalcemi\* |
| S8 | AB calcinos\* OR hypercalcemi\* |
| S7 | TI calcinos\* OR hypercalcemi\* |
| S6 | (MH "Hypercalcemia") |
| S5 | (MH "Calcinosis") |
| S4 | MW TI (cancer\* OR carcinoma\* OR adenocarcinoma\* OR hepatocarcinoma\* OR carcinosarcoma\* OR sarcoma\* OR histiocytoma\* OR fibrosarcoma\* OR osteosarcoma\* OR chondrosarcoma\* OR lymphosarcoma\* OR rhabdomyosarcoma\* OR leukemi\* OR leukaemi\* OR erythroleukem\* OR erythroleukaem\* OR lymphoma\* OR melanoma\* OR hodgkin\* OR 'multiple myeloma'OR mesothelioma\* OR neoplas\* OR malignan\* OR metastas\* OR carcinoid\* OR neuroblastoma\* OR ((mycosis W0 fungoid#s)) OR ((sezary W0 syndrome)) OR retinoblastoma\* OR pheochromocytoma\* OR nephroblastoma\* OR choriocarcinoma\* OR ((pleuropulmonary W0 blastoma#)) OR glioblastoma\* OR glioma\* OR astrocytoma\* OR ependymoma\* OR medulloblastoma\* OR meningioma\* OR craniopharyngioma\* OR myelodysplastic OR myeloproliferative OR macroglobulinemi\* OR macroglobulinaemi\* OR pineoblastoma\* OR oncol\* OR cyst OR tumo#r\*) |
| S3 | AB TI (cancer\* OR carcinoma\* OR adenocarcinoma\* OR hepatocarcinoma\* OR carcinosarcoma\* OR sarcoma\* OR histiocytoma\* OR fibrosarcoma\* OR osteosarcoma\* OR chondrosarcoma\* OR lymphosarcoma\* OR rhabdomyosarcoma\* OR leukemi\* OR leukaemi\* OR erythroleukem\* OR erythroleukaem\* OR lymphoma\* OR melanoma\* OR hodgkin\* OR 'multiple myeloma'OR mesothelioma\* OR neoplas\* OR malignan\* OR metastas\* OR carcinoid\* OR neuroblastoma\* OR ((mycosis W0 fungoid#s)) OR ((sezary W0 syndrome)) OR retinoblastoma\* OR pheochromocytoma\* OR nephroblastoma\* OR choriocarcinoma\* OR ((pleuropulmonary W0 blastoma#)) OR glioblastoma\* OR glioma\* OR astrocytoma\* OR ependymoma\* OR medulloblastoma\* OR meningioma\* OR craniopharyngioma\* OR myelodysplastic OR myeloproliferative OR macroglobulinemi\* OR macroglobulinaemi\* OR pineoblastoma\* OR oncol\* OR cyst OR tumo#r\*) |
| S2 | TI TI (cancer\* OR carcinoma\* OR adenocarcinoma\* OR hepatocarcinoma\* OR carcinosarcoma\* OR sarcoma\* OR histiocytoma\* OR fibrosarcoma\* OR osteosarcoma\* OR chondrosarcoma\* OR lymphosarcoma\* OR rhabdomyosarcoma\* OR leukemi\* OR leukaemi\* OR erythroleukem\* OR erythroleukaem\* OR lymphoma\* OR melanoma\* OR hodgkin\* OR 'multiple myeloma'OR mesothelioma\* OR neoplas\* OR malignan\* OR metastas\* OR carcinoid\* OR neuroblastoma\* OR ((mycosis W0 fungoid#s)) OR ((sezary W0 syndrome)) OR retinoblastoma\* OR pheochromocytoma\* OR nephroblastoma\* OR choriocarcinoma\* OR ((pleuropulmonary W0 blastoma#)) OR glioblastoma\* OR glioma\* OR astrocytoma\* OR ependymoma\* OR medulloblastoma\* OR meningioma\* OR craniopharyngioma\* OR myelodysplastic OR myeloproliferative OR macroglobulinemi\* OR macroglobulinaemi\* OR pineoblastoma\* OR oncol\* OR cyst OR tumo#r\*) |
| S1 | (MH "Neoplasms+") |

5- Cochrane April 9, 2020:

#1 MeSH descriptor: [Neoplasms] explode all trees

#2 cancer\*:ti,ab,kw OR carcinoma\*:ti,ab,kw OR adenocarcinoma\*:ti,ab,kw OR hepatocarcinoma\*:ti,ab,kw OR carcinosarcoma\*:ti,ab,kw OR sarcoma\*:ti,ab,kw OR histiocytoma\*:ti,ab,kw OR fibrosarcoma\*:ti,ab,kw OR osteosarcoma\*:ti,ab,kw OR chondrosarcoma\*:ti,ab,kw OR lymphosarcoma\*:ti,ab,kw OR rhabdomyosarcoma\*:ti,ab,kw OR leukemi\*:ti,ab,kw OR leukaemi\*:ti,ab,kw OR erythroleukem\*:ti,ab,kw OR erythroleukaem\*:ti,ab,kw OR lymphoma\*:ti,ab,kw OR melanoma\*:ti,ab,kw OR hodgkin\*:ti,ab,kw OR 'multiple myeloma':ti,ab,kw OR mesothelioma\*:ti,ab,kw OR neoplas\*:ti,ab,kw OR malignan\*:ti,ab,kw OR metastas\*:ti,ab,kw OR carcinoid\*:ti,ab,kw OR neuroblastoma\*:ti,ab,kw OR ((mycosis NEXT fungoid$s):ti,ab,kw) OR ((sezary NEXT syndrome):ti,ab,kw) OR retinoblastoma\*:ti,ab,kw OR pheochromocytoma\*:ti,ab,kw OR nephroblastoma\*:ti,ab,kw OR choriocarcinoma\*:ti,ab,kw OR ((pleuropulmonary NEXT blastoma$):ti,ab,kw) OR glioblastoma\*:ti,ab,kw OR glioma\*:ti,ab,kw OR astrocytoma\*:ti,ab,kw OR ependymoma\*:ti,ab,kw OR medulloblastoma\*:ti,ab,kw OR meningioma\*:ti,ab,kw OR craniopharyngioma\*:ti,ab,kw OR myelodysplastic:ti,ab,kw OR myeloproliferative:ti,ab,kw OR macroglobulinemi\*:ti,ab,kw OR macroglobulinaemi\*:ti,ab,kw OR pineoblastoma\*:ti,ab,kw OR oncol\*:ti,ab,kw OR cyst:ti,ab,kw OR tumo$r\*:ti,ab,kw

#3 #1 or #2

#4 MeSH descriptor: [Calcinosis] this term only

#5 MeSH descriptor: [Hypercalcemia] this term only

#6 calcinos\*:ti,ab OR hypercalcemi\*:ti,ab

#7 #4 or #5 or #6

#8 #3 and #7

#9 hhm:ti,ab OR loh:ti,ab

#10 #8 or #9

#11 MeSH descriptor: [Attitude to Health] explode all trees

#12 MeSH descriptor: [Patient Participation] this term only

#13 MeSH descriptor: [Patient Preference] this term only

#14 MeSH descriptor: [Cost-Benefit Analysis] this term only

#15 MeSH descriptor: [Decision Making] explode all trees

#16 (patient\*:ti,ab,kw OR user\*:ti,ab,kw OR famil\*:ti,ab,kw OR customer\*:ti,ab,kw OR consumer\*:ti,ab,kw OR client\*:ti,ab,kw OR women:ti,ab,kw OR woman:ti,ab,kw OR men:ti,ab,kw OR man:ti,ab,kw OR individual?:ti,ab,kw)

#17 #15 AND #16

#18 ((decision NEAR/3 (board\* OR tool\* OR analy\* OR support)):ti,ab,kw) OR equit\*:ti,ab,kw OR equality:ti,ab,kw OR feasib\*:ti,ab,kw OR perspective\*:ti,ab,kw OR cost:ti,ab,kw OR resource\*:ti,ab,kw OR ((balance NEAR/1 sect\*):ti,ab,kw) OR ((discrete\* NEAR/1 choice\*):ti,ab,kw) OR (((decision\* NEAR/1 mak\*):ti,ab,kw) AND (patient\*:ti,ab,kw OR user\*:ti,ab,kw OR famil\*:ti,ab,kw OR customer\*:ti,ab,kw OR consumer\*:ti,ab,kw OR client\*:ti,ab,kw OR women:ti,ab,kw OR woman:ti,ab,kw OR men:ti,ab,kw OR man:ti,ab,kw OR individual\*:ti,ab,kw))

#19 (preference\*:ti,ab,kw OR choice\*:ti,ab,kw OR valu\*:ti,ab,kw OR expectation$:ti,ab,kw OR attitude\*:ti,ab,kw OR acceptab\*:ti,ab,kw OR knowledg\*:ti,ab,kw) OR sustain\*:ti,ab,kw OR barrier\*:ti,ab,kw OR access\*:ti,ab,kw OR implement\*:ti,ab,kw OR inequit\*:ti,ab,kw OR disparit\*:ti,ab,kw OR inequalit\*:ti,ab,kw OR income:ti,ab,kw OR socioeconomic\*:ti,ab,kw OR gamble:ti,ab,kw OR utilit\*:ti,ab,kw OR ((health NEXT stat\*):ti,ab,kw) OR adhere\*:ti,ab,kw OR ((quality NEAR/2 life):ti,ab,kw) OR qol:ti,ab,kw OR willing\*:ti,ab,kw OR burden\*:ti,ab,kw OR satisf\*:ti,ab,kw OR opinion\*:ti,ab,kw OR (((patient\* OR user\* OR health\*) NEAR/3 (participat\* OR perce\*)):ti,ab,kw)

#20 #11 OR #12 OR #13 OR #14 OR #17 OR #18 OR #19

#21 #10 AND #20

#22 #10 AND #20 with Cochrane Library publication date Between Apr 2010 and Apr 2020

**Appendix 2B: Second independent search strategy**

 Medline (OVID) May 8, 2020

1 hypercalcemia.mp. or exp Hypercalcemia/

2 cancer.mp. or exp Neoplasms/

3 1 and 2

4 patient preference.mp. or exp Patient Preference/

5 decision making.mp. or exp Decision Making/

6 values.mp. or exp Social Values/

7 cost.mp. or exp "Costs and Cost Analysis"/

8 "Delivery of Health Care"/ or Health Equity/ or equity.mp. or Health Services Accessibility/ or Health Status Disparities/

9 trade off.mp.

10 standard gamble.mp. or Attitude to Health/

11 patient satisfaction.mp. or exp Patient Satisfaction/

12 feasibility.mp.

13 accessability.mp.

14 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13

15 3 and 14

16 remove duplicates from 15