**Supplementary file 1: PRISMA-P 2015 Checklist**

| **Section/topic** | **#** | **Checklist item** | **Information reported** | **Line number(s)** |
| --- | --- | --- | --- | --- |
| **Yes** | **No** |
| **ADMINISTRATIVE INFORMATION** |
| **Title** |
|   Identification  | 1a | Identify the report as a protocol of a systematic review  | Yes | [ ]  | 1 |
|   Update  | 1b | If the protocol is for an update of a previous systematic review, identify as such | [ ]  | No | Not Applicable (NA) |
| **Registration**  | 2 | If registered, provide the name of the registry (e.g., PROSPERO) and registration number in the Abstract | Yes | [ ]  | Will be submitted |
| **Authors** |
|   Contact  | 3a | Provide name, institutional affiliation, and e-mail address of all protocol authors; provide physical mailing address of corresponding author | Yes | [ ]  | Title page |
|   Contributions  | 3b | Describe contributions of protocol authors and identify the guarantor of the review | Yes | [ ]  | 291-299 |
| **Amendments**  | 4 | If the protocol represents an amendment of a previously completed or published protocol, identify as such and list changes; otherwise, state plan for documenting important protocol amendments | [ ]  | No | NA |
| **Support** |
|   Sources  | 5a | Indicate sources of financial or other support for the review | Yes | [ ]  | 300-302 |
|   Sponsor  | 5b | Provide name for the review funder and/or sponsor | Yes | [ ]  | 300-302 |
|   Role of sponsor/funder  | 5c | Describe roles of funder(s), sponsor(s), and/or institution(s), if any, in developing the protocol | Yes | [ ]  | 300-302 |
| **INTRODUCTION** |
| **Rationale**  | 6 | Describe the rationale for the review in the context of what is already known | Yes | [ ]  | 29-85 |
| **Objectives**  | 7 | Provide an explicit statement of the question(s) the review will address with reference to participants, interventions, comparators, and outcomes (PICO) | Yes | [ ]  | 91-101 |
| **METHODS** |
| **Eligibility criteria**  | 8 | Specify the study characteristics (e.g., PICO, study design, setting, time frame) and report characteristics (e.g., years considered, language, publication status) to be used as criteria for eligibility for the review | Yes | [ ]  | 122-132 and table 1 |
| **Information sources**  | 9 | Describe all intended information sources (e.g., electronic databases, contact with study authors, trial registers, or other grey literature sources) with planned dates of coverage | Yes | [ ]  | 102-116 |
| **Search strategy**  | 10 | Present draft of search strategy to be used for at least one electronic database, including planned limits, such that it could be repeated | Yes | [ ]  | Supplementary file 2 |
| ***STUDY RECORDS*** |
|   Data management  | 11a | Describe the mechanism(s) that will be used to manage records and data throughout the review | Yes | [ ]  | 133-134 |
|   Selection process  | 11b | State the process that will be used for selecting studies (e.g., two independent reviewers) through each phase of the review (i.e., screening, eligibility, and inclusion in meta-analysis) | Yes | [ ]  | 133-141 |
|   Data collection process  | 11c | Describe planned method of extracting data from reports (e.g., piloting forms, done independently, in duplicate), any processes for obtaining and confirming data from investigators | Yes | [ ]  | 142-189 |
| **Data items**  | 12 | List and define all variables for which data will be sought (e.g., PICO items, funding sources), any pre-planned data assumptions and simplifications | Yes | [ ]  | 149-161 |
| **Outcomes and prioritization**  | 13 | List and define all outcomes for which data will be sought, including prioritization of main and additional outcomes, with rationale | Yes | [ ]  | 149-189 |
| **Risk of bias in individual studies**  | 14 | Describe anticipated methods for assessing risk of bias of individual studies, including whether this will be done at the outcome or study level, or both; state how this information will be used in data synthesis | Yes | [ ]  | 191-194 |
| ***DATA*** |
| **Synthesis**  | 15a | Describe criteria under which study data will be quantitatively synthesized | Yes | [ ]  | 202 |
| 15b | If data are appropriate for quantitative synthesis, describe planned summary measures, methods of handling data, and methods of combining data from studies, including any planned exploration of consistency (e.g., *I* 2, Kendall’s tau) | [ ]  | No | NA |
| 15c | Describe any proposed additional analyses (e.g., sensitivity or subgroup analyses, meta-regression) | [ ]  | No | NA |
| 15d | If quantitative synthesis is not appropriate, describe the type of summary planned | Yes | [ ]  | 195-234 |
| **Meta-bias(es)**  | 16 | Specify any planned assessment of meta-bias(es) (e.g., publication bias across studies, selective reporting within studies) | [ ]  | No | NA |
| **Confidence in cumulative evidence**  | 17 | Describe how the strength of the body of evidence will be assessed (e.g., GRADE) | [ ]  | No | NA |

**Supplementary file 2:** Search terms

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **PubMed****MeSH terms** | **EMBASE****Emtree terms** | **CINHAL****MH terms** | **PsycINFO****DE terms** | **Free text terms** |
| Concept 1**Cancer** | Neoplasm CarcinomaLeukemia Lymphoma Melanoma | Malignant neoplasmNeoplasmCarcinomaLeukemiaLymphomaMelanomaMetastasis | NeoplasmCarcinomaLeukemiaLymphomaMelanoma | NeoplasmsLeukemiasMelanomaMetastasis | Cancer Neoplasm Tumor\* Tumour\* Oncolog\* Malignan\* Leukemia\* Leukaemia\* Lymphoma\* Melanoma\* MetastasisCarcinoma |
| Concept 2**Palliative care** | Palliative Care Hospice and Palliative Care NursingPalliative MedicineTerminal Care Hospice CareTerminally illHospice | Terminal carePalliative therapyPalliative nursingTerminally ill patientHospice careHospiceBereavementBereavement support | Palliative CareTerminally ill patientCritical IllnessHospice CareHospicePalliative MedicineBereavementTerminal Care | Palliative CareTerminally Ill PatientsTerminal CancerCritical IllnessHospiceBereavement | End of life careEOLCTerminal patient\* Life-limiting illness Life-limiting condition\* Terminal phase Terminal stageEOL care Comfort care Hospice programHospice\*Supportive care Supportive treatmentSupportive therapy Bereavement care Bereavement counsellingSymptom management Symptomatic treatment Symptomatic therapyAdvanced illness Palliat\*  |
| Concept 3**Low and Middle income countries** | Afghanistan Burkina faso BurundiCentral african republic ChadCongo Democratic Republic of the Congo Eritrea Ethiopia Gambia Guinea-bissau Guinea Democratic People's Republic of Korea Liberia Madagascar Malawi Mali Mozambique Niger Rwanda Sierra leone Somalia South Sudan Sudan SyriaTogoUgandaYemenAngolaAlgeriaBangladesh Benin BhutanBoliviaCabo verdeCambodia Cameroon Comoros Cote d'ivoire Djibouti EgyptEswatiniGhanaHaitiHonduras Jordan IndiaIranKenya Micronesia KyrgyzstanLaosLebanon Lesotho Mauritania Mongolia Morocco Myanmar NepalNicaragua Nigeria PakistanPapua new guinea Philippines SamoaSao tome and principe Senegal Melanesia Sri lanka Tanzania Tajikistan Timor-leste Tunisia UkraineUzbekistan Vanuatu Vietnam Zambia Zimbabwe Developing countries Resource-limited settingsAlbaniaArgentinaArmeniaAzerbaijanRepublic of BelarusBelizeBosnia and Herzegovina BotswanaBrazilBulgariaChinaColombiaCosta Rica CubaDominicaDominican Republic El SalvadorEquatorial Guinea EcuadorFijiGabonGeorgiaGrenadaGuatemalaIndonesiaIraqJamaicaKazakhstanKosovoLibyaMalaysiaMaldivesMauritiusMexicoMoldovaMontenegroNamibiaRepublic of north MacedoniaPalauParaguayPeruRussiaSerbiaSouth AfricaSaint luciaSaint vincent and the grenadinesSurinameThailandTongaTurkeyTurkmenistanTuvaluWest Bank GazaMiddle east | Afghanistan Burkina faso BurundiCentral African RepublicChadCongo Democratic Republic CongoEritrea Ethiopia Gambia Guinea-bissau Guinea North Korea Liberia Madagascar Malawi Mali Mozambique Niger Rwanda Sierra leone Somalia South Sudan Sudan Syrian Arab RepublicTogoUgandaYemenAngolaAlgeriaBangladesh Benin BhutanBoliviaCape VerdeCambodia Cameroon Comoros Cote d'ivoire Djibouti EgyptEswatiniGhanaHaitiHonduras Jordan IndiaIranKenyaKiribati KyrgyzstanLaosLebanon Lesotho MauritaniaFederated States of MicronesiaMongolia Morocco Myanmar NepalNicaragua Nigeria PakistanPapua new guinea Philippines SamoaSao Tome and Principe Senegal Solomon Islands Sri Lanka Tanzania Tajikistan Timor-Leste Tunisia UkraineUzbekistan Vanuatu Viet Nam Zambia ZimbabweDeveloping countryresource limited settingAlbaniaArgentinaArmeniaAzerbaijanBelarusBelizeBosnia and Herzegovina BotswanaBrazilBulgariaChinaColombiaCosta Rica CubaDominicaDominican Republic El SalvadorEquatorial Guinea EcuadorFijiGabonGeorgia (republic)GrenadaGuatemalaIndonesiaIraqJamaicaKazakhstanKosovolibyan arab JamahiriyaMalaysiaMaldivesMarshall Islands MauritiusMexicoMoldovaMontenegro (republic)NamibiaRepublic of north MacedoniaPalauParaguayPeru Russian FederationSerbiaSouth AfricaSaint luciaSaint vincent and the grenadinesSurinameThailandTongaTurkey (republic)TurkmenistanTuvaluWest Bank Gaza | Afghanistan Burkina faso BurundiCentral african republic ChadCongo Democratic Republic of the Congo Eritrea Ethiopia Gambia Guinea-bissau Guinea North Korea Liberia Madagascar Malawi Mali Mozambique Niger Rwanda Sierra leone Somalia Sudan SyriaTogoUgandaYemenAngolaAlgeriaBangladesh Benin BhutanBoliviaCape VerdeCambodia Cameroon Cote d'ivoire Djibouti EgyptGhanaHaitiHonduras Jordan IndiaIranKenya KyrgyzstanLaosLebanon Lesotho Mauritania Mongolia Morocco Myanmar NepalNicaragua Nigeria PakistanPapua new guinea Philippines SamoaSenegal Sri lanka Tanzania Tajikistan TimorTunisia UkraineUzbekistan Vietnam Zambia ZimbabweDeveloping countriesLow and Middle Income CountriesAlbaniaArgentinaArmeniaAzerbaijanByelarusBelizeBosnia-HerzegovinaBotswanaBrazilBulgariaChinaColombiaCosta Rica CubaDominicaDominican Republic El SalvadorEquatorial Guinea EcuadorFijiGabonGeorgiaGrenadaGuatemalaIndonesiaIraqJamaicaKazakhstanYugoslaviaLibyaMalaysiaMexicoMoldovaNamibiaMacedonia (Republic)PalauParaguayPeruRussiaSerbiaSouth AfricaSurinameThailandTurkeyTurkmenistanWest Bank GazaMiddle east | Developing Countries | Afghanistan Burkina faso BurundiCentral african republic ChadCongo Democratic Republic of the Congo Eritrea Ethiopia Gambia Guinea-bissau Guinea Democratic People's Republic of Korea Liberia Madagascar Malawi Mali Mozambique Niger Rwanda Sierra leone Somalia South Sudan Sudan SyriaTogoUgandaYemenAngolaAlgeriaBangladesh Benin BhutanBoliviaCabo verdeCambodia Cameroon Comoros Cote d'ivoire Djibouti EgyptEswatiniGhanaHaitiHonduras Jordan IndiaIranKenya Micronesia KyrgyzstanLaosLebanon Lesotho Mauritania Mongolia Morocco Myanmar NepalNicaragua Nigeria PakistanPapua new guinea Philippines SamoaSao tome and principe Senegal Melanesia Sri lanka Tanzania Tajikistan Timor-leste Tunisia UkraineUzbekistan Vanuatu Vietnam Zambia ZimbabweKiribatiKyrgyz RepublicSolomon IslandsDeveloping CountriesLMICsLRCsLow resource countriesLow resource country Developing Nations Least Developed CountryLess-Developed CountriesUnder-Developed CountriesUnder-Developed CountryUnder-Developed NationsLow- and Middle-Income CountriesLess Developed NationsLow Income Countries Lower-Middle-Income Countries Resource limited settingAlbaniaArgentinaArmeniaAzerbaijanBelarusBelizeBosnia and Herzegovina BotswanaBrazilBulgariaChinaColombiaCosta Rica CubaDominicaDominican Republic El SalvadorEquatorial Guinea EcuadorFijiGabonGeorgiaGrenadaGuatemalaIndonesiaIraqJamaicaKazakhstanKosovoLibyaMalaysiaMaldivesMarshall Islands MauritiusMexicoMoldovaMontenegroNamibiaNorth MacedoniaPalauParaguayPeru Russian FederationSerbiaSouth AfricaSt. LuciaSt. Vincent and the GrenadinesSurinameThailandTongaTürkiyeTurkmenistanTuvaluWest BankGazaUpper middle-income countriesMiddle Income CountriesMiddle Income Country |

**Supplementary file 3:** Search strategy for Medline (PubMed)

|  |  |  |
| --- | --- | --- |
| **Search** | **Search terms** | **Hits** |
| #4 | #1 AND #2 AND #3  | (4,439) |
| #1 (**Cancer**) | Cancer[Title/Abstract] OR Neoplasm[Title/Abstract] OR Tumor\*[Title/Abstract] OR Tumour\*[Title/Abstract] OR Oncolog\*[Title/Abstract] OR Malignan\*[Title/Abstract] OR leukemia\*[Title/Abstract] OR leukaemia\*[Title/Abstract] OR lymphoma\*[Title/Abstract] OR melanoma\*[Title/Abstract] OR Metastasis[Title/Abstract] OR neoplasms[MeSH Terms] OR carcinoma[MeSH Terms] OR leukemia[MeSH Terms] OR lymphoma[MeSH Terms] OR melanoma[MeSH Terms] OR carcinoma[Title/Abstract] | (5,259,620) |
| #2(**Palliative Care**) | Palliative Care[Mesh] OR Hospice and Palliative Care Nursing[Mesh] OR Palliative Medicine[Mesh] OR Terminal Care[Mesh] OR Hospice Care[Mesh] OR end of life care[Title/Abstract] OR EOLC[Title/Abstract] OR terminally ill[MeSH] OR terminal patient\*[Title/Abstract] OR life-limiting illness[Title/Abstract] OR life-limiting condition\*[Title/Abstract] OR terminal phase[Title/Abstract] OR terminal stage[Title/Abstract] OR EOL care[Title/Abstract] OR comfort care[Title/Abstract] OR hospice program[Title/Abstract] OR hospice\*[Title/Abstract] OR hospice[MeSH] OR supportive care[Title/Abstract] OR supportive treatment[Title/Abstract] OR supportive therapy[Title/Abstract] OR bereavement care[Title/Abstract] OR bereavement counselling[Title/Abstract] OR symptom management[Title/Abstract] OR symptomatic treatment[Title/Abstract] OR symptomatic therapy[Title/Abstract] OR advanced illness[Title/Abstract] OR palliat\*[Title/Abstract]  | (215,809) |
| #3(**Low income, Lower middle income, Upper Middle-income countries based on World Bank Data 2023**) | "afghanistan"[Title/Abstract] OR "afghanistan"[MeSH Terms] OR "burkina faso"[Title/Abstract] OR "burkina faso"[MeSH Terms] OR "burundi"[Title/Abstract] OR "burundi"[MeSH Terms] OR "central african republic"[Title/Abstract] OR "central african republic"[MeSH Terms] OR "chad"[Title/Abstract] OR "chad"[MeSH Terms] OR "Congo"[Title/Abstract] OR "Congo"[Mesh] OR "Democratic Republic of the Congo"[Title/Abstract] OR "Democratic Republic of the Congo"[Mesh] OR "eritrea"[Title/Abstract] OR "eritrea"[MeSH Terms] OR "ethiopia"[Title/Abstract] OR "ethiopia"[MeSH Terms] OR "gambia"[Title/Abstract] OR "gambia"[MeSH Terms] OR "guinea-bissau"[Title/Abstract] OR "guinea-bissau"[MeSH Terms] OR "Guinea"[Title/Abstract] OR "Guinea"[Mesh] OR "Democratic People's Republic of Korea"[Title/Abstract] OR "Democratic People's Republic of Korea"[Mesh] OR "liberia"[Title/Abstract] OR "liberia"[MeSH Terms] OR "madagascar"[Title/Abstract] OR "madagascar"[MeSH Terms] OR "malawi"[Title/Abstract] OR "malawi"[MeSH Terms] OR "mali"[Title/Abstract] OR "mali"[MeSH Terms] OR "mozambique"[Title/Abstract] OR "mozambique"[MeSH Terms] OR "niger"[Title/Abstract] OR "niger"[MeSH Terms] OR "rwanda"[Title/Abstract] OR "rwanda"[MeSH Terms] OR "sierra leone"[Title/Abstract] OR "sierra leone"[MeSH Terms] OR "somalia"[Title/Abstract] OR "somalia"[MeSH Terms] OR "south sudan"[Title/Abstract] OR "south sudan"[MeSH Terms] OR "sudan"[Title/Abstract] OR "sudan"[MeSH Terms] OR "syria"[Title/Abstract] OR "syria"[MeSH Terms] OR "togo"[Title/Abstract] OR "togo"[MeSH Terms] OR "uganda"[Title/Abstract] OR "uganda"[MeSH Terms] OR "yemen"[Title/Abstract] OR "yemen"[MeSH Terms] OR "angola"[Title/Abstract] OR "angola"[MeSH Terms] OR "algeria"[Title/Abstract] OR "algeria"[MeSH Terms] OR "bangladesh"[Title/Abstract] OR "bangladesh"[MeSH Terms] OR "benin"[Title/Abstract] OR "benin"[MeSH Terms] OR "bhutan"[Title/Abstract] OR "bhutan"[MeSH Terms] OR "bolivia"[Title/Abstract] OR "bolivia"[MeSH Terms] OR "cabo verde"[Title/Abstract] OR "cabo verde"[MeSH Terms] OR "cambodia"[Title/Abstract] OR "cambodia"[MeSH Terms] OR "cameroon"[Title/Abstract] OR "cameroon"[MeSH Terms] OR "comoros"[Title/Abstract] OR "comoros"[MeSH Terms] OR "cote d'ivoire"[Title/Abstract] OR "cote d'ivoire"[MeSH Terms] OR "djibouti"[Title/Abstract] OR "djibouti"[MeSH Terms] OR "egypt"[Title/Abstract] OR "egypt"[MeSH Terms] OR "eswatini"[Title/Abstract] OR "eswatini"[MeSH Terms] OR "ghana"[Title/Abstract] OR "ghana"[MeSH Terms] OR "haiti"[Title/Abstract] OR "haiti"[MeSH Terms] OR "honduras"[Title/Abstract] OR "honduras"[MeSH Terms] OR "jordan"[Title/Abstract] OR "jordan"[MeSH Terms] OR "india"[Title/Abstract] OR "india"[MeSH Terms] OR "iran"[Title/Abstract] OR "iran"[MeSH Terms] OR "kenya"[Title/Abstract] OR "kenya"[MeSH Terms] OR "micronesia"[Title/Abstract] OR "micronesia"[MeSH Terms] OR Kiribati[Title/Abstract] OR "kyrgyzstan"[Title/Abstract] OR "kyrgyzstan"[MeSH Terms] OR Kyrgyz Republic[Title/Abstract] OR "laos"[Title/Abstract] OR "laos"[MeSH Terms] OR "lebanon"[Title/Abstract] OR "lebanon"[MeSH Terms] OR "lesotho"[Title/Abstract] OR "lesotho"[MeSH Terms] OR "mauritania"[Title/Abstract] OR "mauritania"[MeSH Terms] OR "mongolia"[Title/Abstract] OR "mongolia"[MeSH Terms] OR "morocco"[Title/Abstract] OR "morocco"[MeSH Terms] OR "myanmar"[Title/Abstract] OR "myanmar"[MeSH Terms] OR "nepal"[Title/Abstract] OR "nepal"[MeSH Terms] OR "nicaragua"[Title/Abstract] OR "nicaragua"[MeSH Terms] OR "nigeria"[Title/Abstract] OR "nigeria"[MeSH Terms] OR "pakistan"[Title/Abstract] OR "pakistan"[MeSH Terms] OR "papua new guinea"[Title/Abstract] OR "papua new guinea"[MeSH Terms] OR "philippines"[Title/Abstract] OR "philippines"[MeSH Terms] OR "samoa"[Title/Abstract] OR "samoa"[MeSH Terms] OR "sao tome and principe"[Title/Abstract] OR "sao tome and principe"[MeSH Terms] OR "senegal"[Title/Abstract] OR "senegal"[MeSH Terms] OR "melanesia"[Title/Abstract] OR "melanesia"[MeSH Terms] OR “Solomon Islands”[Title/Abstract] OR "sri lanka"[Title/Abstract] OR "sri lanka"[MeSH Terms] OR "tanzania"[Title/Abstract] OR "tanzania"[MeSH Terms] OR "tajikistan"[Title/Abstract] OR "tajikistan"[MeSH Terms] OR "timor-leste"[Title/Abstract] OR "timor-leste"[MeSH Terms] OR "tunisia"[Title/Abstract] OR "tunisia"[MeSH Terms] OR "ukraine"[Title/Abstract] OR "ukraine"[MeSH Terms] OR "uzbekistan"[Title/Abstract] OR "uzbekistan"[MeSH Terms] OR "vanuatu"[Title/Abstract] OR "vanuatu"[MeSH Terms] OR "vietnam"[Title/Abstract] OR "vietnam"[MeSH Terms] OR "zambia"[Title/Abstract] OR "zambia"[MeSH Terms] OR "zimbabwe"[Title/Abstract] OR "zimbabwe"[MeSH Terms] OR "developing countries"[Title/Abstract] OR "developing countries"[MeSH Terms] OR "resource-limited settings"[Title/Abstract] OR "resource-limited settings"[MeSH Terms] OR “LMICs”[Title/Abstract] OR “LRCs”[Title/Abstract] OR “Low resource countries”[Title/Abstract] OR “Low resource country”[Title/Abstract] OR “Developing Nations”[Title/Abstract] OR “Least Developed Country”[Title/Abstract] OR “Less-Developed Countries”[Title/Abstract] OR “Under-Developed Countries”[Title/Abstract] OR “Under-Developed Country”[Title/Abstract] OR “Under-Developed Nations”[Title/Abstract] OR “Low and Middle Income Countries”[Title/Abstract] OR “Less Developed Nations”[Title/Abstract] OR “Low Income Countries”[Title/Abstract] OR “Lower-Middle-Income Countries”[Title/Abstract] OR “Resource limited setting”[Title/Abstract] OR "albania"[Title/Abstract] OR "albania"[MeSH Terms] OR "argentina"[Title/Abstract] OR "argentina"[MeSH Terms] OR "armenia"[Title/Abstract] OR "armenia"[MeSH Terms] OR "azerbaijan"[Title/Abstract] OR "azerbaijan"[MeSH Terms] OR "republic of belarus"[MeSH Terms] OR "Belarus"[Title/Abstract] OR "belize"[Title/Abstract] OR "belize"[MeSH Terms] OR "bosnia and herzegovina"[Title/Abstract] OR "bosnia and herzegovina"[MeSH Terms] OR "botswana"[Title/Abstract] OR "botswana"[MeSH Terms] OR "brazil"[Title/Abstract] OR "brazil"[MeSH Terms] OR "bulgaria"[Title/Abstract] OR "bulgaria"[MeSH Terms] OR "china"[Title/Abstract] OR "china"[MeSH Terms] OR "colombia"[Title/Abstract] OR "colombia"[MeSH Terms] OR "costa rica"[Title/Abstract] OR "costa rica"[MeSH Terms] OR "cuba"[Title/Abstract] OR "cuba"[MeSH Terms] OR "dominica"[Title/Abstract] OR "dominica"[MeSH Terms] OR "dominican republic"[Title/Abstract] OR "dominican republic"[MeSH Terms] OR "el salvador"[Title/Abstract] OR "el salvador"[MeSH Terms] OR "equatorial guinea"[Title/Abstract] OR "equatorial guinea"[MeSH Terms] OR "ecuador"[Title/Abstract] OR "ecuador"[MeSH Terms] OR "fiji"[Title/Abstract] OR "fiji"[MeSH Terms] OR "gabon"[Title/Abstract] OR "gabon"[MeSH Terms] OR "georgia"[Title/Abstract] OR "georgia"[MeSH Terms] OR "grenada"[Title/Abstract] OR "grenada"[MeSH Terms] OR "guatemala"[Title/Abstract] OR "guatemala"[MeSH Terms] OR "indonesia"[Title/Abstract] OR "indonesia"[MeSH Terms] OR "iraq"[Title/Abstract] OR "iraq"[MeSH Terms] OR "jamaica"[MeSH Terms] OR "jamaica"[Title/Abstract] OR "kazakhstan"[Title/Abstract] OR "kazakhstan"[MeSH Terms] OR "kosovo"[Title/Abstract] OR "kosovo"[MeSH Terms] OR "libya"[Title/Abstract] OR "libya"[MeSH Terms] OR "malaysia"[Title/Abstract] OR "malaysia"[MeSH Terms] OR "maldives"[Title/Abstract] OR "maldives"[MeSH Terms] OR "marshall islands"[Title/Abstract] OR "mauritius"[Title/Abstract] OR "mauritius"[MeSH Terms] OR "mexico"[Title/Abstract] OR "mexico"[MeSH Terms] OR "moldova"[Title/Abstract] OR "moldova"[MeSH Terms] OR "montenegro"[Title/Abstract] OR "montenegro"[MeSH Terms] OR "namibia"[Title/Abstract] OR "namibia"[MeSH Terms] OR "republic of north macedonia"[MeSH Terms] OR "north macedonia"[Title/Abstract] OR "palau"[Title/Abstract] OR "palau"[MeSH Terms] OR "paraguay"[Title/Abstract] OR "paraguay"[MeSH Terms] OR "peru"[Title/Abstract] OR "peru"[MeSH Terms] OR "russia"[Title/Abstract] OR "russia"[MeSH Terms] OR "russian federation"[Title/Abstract] OR "serbia"[Title/Abstract] OR "serbia"[MeSH Terms] OR "south africa"[Title/Abstract] OR "south africa"[MeSH Terms] OR "saint lucia"[Title/Abstract] OR "saint lucia"[MeSH Terms] OR "st lucia"[Title/Abstract] OR "saint vincent and the grenadines"[Title/Abstract] OR "saint vincent and the grenadines"[MeSH Terms] OR "st vincent and the grenadines"[Title/Abstract] OR "suriname"[Title/Abstract] OR "suriname"[MeSH Terms] OR "thailand"[Title/Abstract] OR "thailand"[MeSH Terms] OR "tonga"[Title/Abstract] OR "tonga"[MeSH Terms] OR "turkey"[Title/Abstract] OR "turkey"[MeSH Terms] OR "Turkiye"[Title/Abstract] OR "turkmenistan"[Title/Abstract] OR "turkmenistan"[MeSH Terms] OR "Tuvalu"[Title/Abstract] OR "middle east"[MeSH Terms] OR "west bank"[Title/Abstract] OR "Gaza"[Title/Abstract] OR "Upper middle income countries"[Title/Abstract] OR "Middle Income Countries"[Title/Abstract] OR "Middle Income Country"[Title/Abstract]  | (2,065,168) |

**Supplementary file 4:** Preliminary data extraction form

|  |
| --- |
| **Section 1 General Information** |
| Citation: |
| Date of extraction: |
| Name of Reviewer 1:  | Name of Reviewer 2: |
| **Section 2 Study characteristics** |
| 1. Authors
 |  |
| 1. Title
 |  |
| 1. Journal
 |  |
| 1. Year of publication
 |  |
| 1. Objectives/Aim
 |  |
| 1. Country
 |  |
| 1. Study setting
 |  |
| **Section 3 Methodological attributes** |
| 1. Study design
 |  |
| 1. Study duration
 |  |
| 1. Sample
 |  |
| 1. Sampling technique
 |  |
| 1. Study population
 |  |
| 1. Eligibility criteria
 |  |
| 1. Timeframe
 |  |
| 1. Tools used
 |  |
| 1. Synthesis
 |  |
| 1. Data analysis methods
 |  |
| **Section 3 Findings** |
| 1. Population characteristics
 |  |
| 1. Type of cancer
 |  |
| 1. Outcome of palliative care service delivery
 |  |
| 1. Models of service care delivery
 |  |
| 1. Indicators of palliative care development
 |  |
| 1. Access
 |  |
| 1. Programs
 |  |
| 1. Capacity
 |  |
| 1. Policies
 |  |
| 1. Standards
 |  |
| 1. Medication access
 |  |
| 1. Education and training
 |  |
| 1. Research
 |  |
| 1. Barriers and facilitators
 |  |
| 1. Patient outcomes
 |  |
| 1. Components of integration of oncology and palliative care
 |  |
| 1. Clinical Structure
 |  |
| 1. Clinical processes
 |  |
| 1. Study limitations
 |  |
| 1. Conclusions
 |  |
| 1. Funding
 |  |