**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  Carcinoma  Leukemia Lymphoma Melanoma | Malignant neoplasm  Neoplasm  Carcinoma  Leukemia  Lymphoma  Melanoma  Metastasis | Neoplasm  Carcinoma  Leukemia  Lymphoma  Melanoma | Neoplasms  Leukemias  Melanoma  Metastasis | Cancer  Neoplasm  Tumor\*  Tumour\*  Oncolog\*  Malignan\*  Leukemia\*  Leukaemia\*  Lymphoma\*  Melanoma\*  Metastasis  Carcinoma |
| Concept 2  **Palliative care** | Palliative Care  Hospice and Palliative Care Nursing  Palliative Medicine  Terminal Care  Hospice Care  Terminally ill  Hospice | Terminal care  Palliative therapy  Palliative nursing  Terminally ill patient  Hospice care  Hospice  Bereavement  Bereavement support | Palliative Care  Terminally ill patient  Critical Illness  Hospice Care  Hospice  Palliative Medicine  Bereavement  Terminal Care | Palliative Care  Terminally Ill Patients  Terminal Cancer  Critical Illness  Hospice  Bereavement | End of life care  EOLC  Terminal patient\*  Life-limiting illness  Life-limiting condition\* Terminal phase  Terminal stage  EOL care  Comfort care  Hospice program  Hospice\*  Supportive care Supportive treatment  Supportive therapy Bereavement care Bereavement counselling  Symptom management Symptomatic treatment Symptomatic therapy  Advanced illness  Palliat\* |
| Concept 3  **Low and Middle income countries** | Afghanistan  Burkina faso  Burundi  Central african republic  Chad  Congo  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  Syria  Togo  Uganda  Yemen  Angola  Algeria  Bangladesh  Benin  Bhutan  Bolivia  Cabo verde  Cambodia  Cameroon  Comoros  Cote d'ivoire  Djibouti  Egypt  Eswatini  Ghana  Haiti  Honduras  Jordan  India  Iran  Kenya  Micronesia  Kyrgyzstan  Laos  Lebanon  Lesotho  Mauritania  Mongolia  Morocco  Myanmar  Nepal  Nicaragua  Nigeria  Pakistan  Papua new guinea Philippines  Samoa  Sao tome and principe  Senegal  Melanesia  Sri lanka  Tanzania  Tajikistan  Timor-leste  Tunisia  Ukraine  Uzbekistan  Vanuatu  Vietnam  Zambia  Zimbabwe  Developing countries Resource-limited settings  Albania  Argentina  Armenia  Azerbaijan  Republic of Belarus  Belize  Bosnia and Herzegovina  Botswana  Brazil  Bulgaria  China  Colombia  Costa Rica  Cuba  Dominica  Dominican Republic  El Salvador  Equatorial Guinea  Ecuador  Fiji  Gabon  Georgia  Grenada  Guatemala  Indonesia  Iraq  Jamaica  Kazakhstan  Kosovo  Libya  Malaysia  Maldives  Mauritius  Mexico  Moldova  Montenegro  Namibia  Republic of north Macedonia  Palau  Paraguay  Peru  Russia  Serbia  South Africa  Saint lucia  Saint vincent and the grenadines  Suriname  Thailand  Tonga  Turkey  Turkmenistan  Tuvalu  West Bank  Gaza  Middle east | Afghanistan  Burkina faso  Burundi  Central African Republic  Chad  Congo  Democratic Republic Congo  Eritrea  Ethiopia  Gambia  Guinea-bissau  Guinea  North Korea  Liberia  Madagascar  Malawi  Mali  Mozambique  Niger  Rwanda  Sierra leone  Somalia  South Sudan  Sudan  Syrian Arab Republic  Togo  Uganda  Yemen  Angola  Algeria  Bangladesh  Benin  Bhutan  Bolivia  Cape Verde  Cambodia  Cameroon  Comoros  Cote d'ivoire  Djibouti  Egypt  Eswatini  Ghana  Haiti  Honduras  Jordan  India  Iran  Kenya  Kiribati  Kyrgyzstan  Laos  Lebanon  Lesotho  Mauritania  Federated States of Micronesia  Mongolia  Morocco  Myanmar  Nepal  Nicaragua  Nigeria  Pakistan  Papua new guinea Philippines  Samoa  Sao Tome and Principe Senegal  Solomon Islands  Sri Lanka  Tanzania  Tajikistan  Timor-Leste  Tunisia  Ukraine  Uzbekistan  Vanuatu  Viet Nam  Zambia  Zimbabwe  Developing country  resource limited setting  Albania  Argentina  Armenia  Azerbaijan  Belarus  Belize  Bosnia and Herzegovina  Botswana  Brazil  Bulgaria  China  Colombia  Costa Rica  Cuba  Dominica  Dominican Republic  El Salvador  Equatorial Guinea  Ecuador  Fiji  Gabon  Georgia (republic)  Grenada  Guatemala  Indonesia  Iraq  Jamaica  Kazakhstan  Kosovo  libyan arab Jamahiriya  Malaysia  Maldives  Marshall Islands  Mauritius  Mexico  Moldova  Montenegro (republic)  Namibia  Republic of north Macedonia  Palau  Paraguay  Peru  Russian Federation  Serbia  South Africa  Saint lucia  Saint vincent and the grenadines  Suriname  Thailand  Tonga  Turkey (republic)  Turkmenistan  Tuvalu  West Bank  Gaza | Afghanistan  Burkina faso  Burundi  Central african republic  Chad  Congo  Democratic Republic of the Congo  Eritrea  Ethiopia  Gambia  Guinea-bissau  Guinea  North Korea Liberia  Madagascar  Malawi  Mali  Mozambique  Niger  Rwanda  Sierra leone  Somalia  Sudan  Syria  Togo  Uganda  Yemen  Angola  Algeria  Bangladesh  Benin  Bhutan  Bolivia  Cape Verde  Cambodia  Cameroon  Cote d'ivoire  Djibouti  Egypt  Ghana  Haiti  Honduras  Jordan  India  Iran  Kenya  Kyrgyzstan  Laos  Lebanon  Lesotho  Mauritania  Mongolia  Morocco  Myanmar  Nepal  Nicaragua  Nigeria  Pakistan  Papua new guinea Philippines  Samoa  Senegal  Sri lanka  Tanzania  Tajikistan  Timor  Tunisia  Ukraine  Uzbekistan  Vietnam  Zambia  Zimbabwe  Developing countries  Low and Middle Income Countries  Albania  Argentina  Armenia  Azerbaijan  Byelarus  Belize  Bosnia-Herzegovina  Botswana  Brazil  Bulgaria  China  Colombia  Costa Rica  Cuba  Dominica  Dominican Republic  El Salvador  Equatorial Guinea  Ecuador  Fiji  Gabon  Georgia  Grenada  Guatemala  Indonesia  Iraq  Jamaica  Kazakhstan  Yugoslavia  Libya  Malaysia  Mexico  Moldova  Namibia  Macedonia (Republic)  Palau  Paraguay  Peru  Russia  Serbia  South Africa  Suriname  Thailand  Turkey  Turkmenistan  West Bank  Gaza  Middle east | Developing Countries | Afghanistan  Burkina faso  Burundi  Central african republic  Chad  Congo  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  Syria  Togo  Uganda  Yemen  Angola  Algeria  Bangladesh  Benin  Bhutan  Bolivia  Cabo verde  Cambodia  Cameroon  Comoros  Cote d'ivoire  Djibouti  Egypt  Eswatini  Ghana  Haiti  Honduras  Jordan  India  Iran  Kenya  Micronesia  Kyrgyzstan  Laos  Lebanon  Lesotho  Mauritania  Mongolia  Morocco  Myanmar  Nepal  Nicaragua  Nigeria  Pakistan  Papua new guinea Philippines  Samoa  Sao tome and principe  Senegal  Melanesia  Sri lanka  Tanzania  Tajikistan  Timor-leste  Tunisia  Ukraine  Uzbekistan  Vanuatu  Vietnam  Zambia  Zimbabwe  Kiribati  Kyrgyz Republic  Solomon Islands  Developing Countries  LMICs  LRCs  Low resource countries  Low resource country Developing Nations  Least Developed Country  Less-Developed Countries  Under-Developed Countries  Under-Developed Country  Under-Developed Nations  Low- and Middle-Income Countries  Less Developed Nations  Low Income Countries  Lower-Middle-Income Countries  Resource limited setting  Albania  Argentina  Armenia  Azerbaijan  Belarus  Belize  Bosnia and Herzegovina  Botswana  Brazil  Bulgaria  China  Colombia  Costa Rica  Cuba  Dominica  Dominican Republic  El Salvador  Equatorial Guinea  Ecuador  Fiji  Gabon  Georgia  Grenada  Guatemala  Indonesia  Iraq  Jamaica  Kazakhstan  Kosovo  Libya  Malaysia  Maldives  Marshall Islands  Mauritius  Mexico  Moldova  Montenegro  Namibia  North Macedonia  Palau  Paraguay  Peru  Russian Federation  Serbia  South Africa  St. Lucia  St. Vincent and the Grenadines  Suriname  Thailand  Tonga  Türkiye  Turkmenistan  Tuvalu  West Bank  Gaza  Upper middle-income countries  Middle Income Countries  Middle 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 |  |