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# ARTICLE INFORMATION

**Article title**

Dataset of Integrative Oncology and Wellness Services in Major Australian Cities: A Comprehensive Mapping of Public and NGO-Based Support Services with Emphasis on Group-Based Programs

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**Keywords**

Integrative oncology ,Supportive care ,Survivorship ,Complementary therapies ,Mind–body medicine Public hospitals ,NGOs ,Australia ,Open data

**Abstract**

This data article presents a curated dataset of 185 integrative oncology and wellness services available across seven Australian metropolitan areas (Melbourne, Sydney, Perth, Darwin, Hobart, Brisbane, and Adelaide). Data were collected in August 2025 via systematic web searches, targeted institutional checks, and direct provider verification. Each record includes standardized fields (service name, organization, website, provider type, facility type, address, suburb, postcode, phone, individual and group services, associated services, and verification notes). The dataset emphasizes group-based programs (e.g., yoga, meditation, exercise classes, support groups) that are publicly provided by hospitals, NGOs, or councils. The resource is intended to support reproducible mapping, benchmarking, and reuse by clinicians, planners, and researchers. Contextual references document integrative oncology models and guidance in Australia and internationally.

# SPECIFICATIONS TABLE *[Instruction for SPECIFICATIONS TABLE in comment box]*

|  |  |
| --- | --- |
| **Subject** | Health Sciences, Medical Sciences & Pharmacology |
| **Specific subject area** | Mapping of integrative oncology/supportive care services in Australian metropolitan areas |
| **Type of data** | Processed Dataset |
| **Data collection** | Multi-stage protocol: web search, institutional scan, professional directories, and structured phone/email verification using a standardized form |
| **Data source location** | Cities: Melbourne, Sydney, Perth, Darwin, Hobart, Brisbane, Adelaide; Country: Australia |
| **Data accessibility** | Repository name: …  Data identification number: *(or DOI or persistent identifier)*  Direct URL to data:…  Instructions for accessing these data: … |
| **Related research article** | Establishing an integrative oncology service in the Australian healthcare setting the Chris O’Brien Lifehouse Hospital experience. Supportive Care in Cancer- (1) |

# VALUE OF THE DATA

*This section states why these data are of value to the scientific community. Please* ***provide between 3 and 6 bullet points*** *and answer at least the questions below (delete the questions afterwards). Each bullet point should be a maximum of 150 words long, and should not include conclusions or inferences:*

* Provides a single, standardized registry of publicly provided integrative oncology services across seven Australian cities, including fields for provider type, eligibility, and cost that are often missing from disparate listings. (2)
* Supplies group-program identifiers (e.g., yoga, meditation, exercise, support groups) to facilitate reproducible service audits of evidence-informed modalities referenced in international guidance. (3) (4)
* Documents verification status through verification notes, enabling transparent reuse and quality appraisal.

# BACKGROUND

Integrative oncology is defined as the evidence-informed use of mind–body practices, lifestyle interventions, and select complementary modalities alongside conventional care (4). Australian and international centers have established models that incorporate supervised exercise, mindfulness-based programs, and supportive group interventions into routine care (1) (3). Prior Australian mapping work reported heterogeneous availability and funding models across organizations (2). The present dataset contributes a city-level, provider-specific registry with standardized fields oriented to public and NGO-delivered, group-based services.

# DATA DESCRIPTION

**Files and formats**

The deposit includes:

• Data.xlsx: Multi-sheet Excel file with clean datasets for each city

• README.txt: data collection protocol summary and verification notes (dates/methods).

**Record structure (variables)**

**Key variables:**

• Name, Organization, Website, Provider Type, Facility Type

• Address, Suburb, Postcode, Phone

• group\_services\_standardized (controlled terms: exercise, yoga, meditation/mindfulness, support\_group, qi\_gong/tai\_chi, art\_therapy, music\_therapy, education)

• individual\_services\_standardized (e.g., oncology massage, lymphoedema therapy, acupuncture, psychology, dietetics)

• associated\_services\_standardized (e.g., social work, spiritual care)

• Verification Notes (as of Oct 2025)

**Coverage**

The dataset contains 185 service records from seven metropolitan areas with the following distribution:

• Sydney: 35 records

• Melbourne: 33 records

• Perth: 28 records

• Brisbane: 27 records

• Adelaide: 25 records

• Hobart: 21 records

• Darwin: 16 records

Provider types include public hospitals (50 records), NGOs/charities (105 records combined), universities (8 records), government services (6 records), local councils (2 records), and other hybrid models. Group-program fields are populated for all records; services without specific group activities have relevant standardized values.

**Data dictionary (excerpt)**

An excerpt of controlled terms is provided in the codebook for consistent tagging of modalities (e.g., group\_services values such as exercise, yoga, support\_group). The full list appears in io\_codebook.csv.

# EXPERIMENTAL DESIGN, MATERIALS AND METHODS

**Scope and inclusion criteria**

Metropolitan boundaries followed Australian Bureau of Statistics Greater Capital City Statistical Areas where applicable. Inclusion criteria: services designed for cancer patients/survivors/caregivers; evidence-informed complementary/supportive activities; publicly accessible (public hospital/NGO/council); active in Aug 2025; sufficient public information (or provider-confirmed) to populate required fields.

**Search strategy**

Multi-pronged search: (i) structured web queries combining city and service terms; (ii) targeted hospital/NGO/council site navigation; (iii) professional directories; (iv) verification during October 2025 using web-based confirmation."

**Data extraction and standardization**

Two researchers independently extracted fields using a standardized form adapted for service mapping. Discrepancies were reconciled by consensus or provider confirmation. Controlled vocabularies were used for provider\_type, group\_services, and individual\_services. Addresses were recorded as provided; geocoding (if supplied) is indicated in the codebook.

**Verification and quality control**

Verification notes are recorded per entry as of October 2025. Quality checks included duplicate detection and internal consistency rules (e.g., provider type vs. facility type). External cross-checks with Cancer Council and institutional pages were performed when available. (2) (1)

**Reusability notes**

The schema supports longitudinal updates via stable service names and provider URLs (when available). The codebook enumerates controlled values to enable harmonization with future datasets or jurisdictional registries.

# LIMITATIONS

The dataset includes 185 verified services as of October 2025. Some fields described in the protocol (eligibility criteria, operating hours, and cost structure) could not be consistently obtained during data collection and are reserved for future updates.

# ETHICS STATEMENT

No human participants or identifiable data are included. All records describe publicly advertised organizational services

# CRediT AUTHOR STATEMENT

Conceptualization: ; Methodology:; Data curation:; Validation:; Writing – original draft: ; Writing – review & editing: all authors; Supervision:

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# DECLARATION OF COMPETING INTERESTS

The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

# REFERENCES

1. *Establishing an integrative oncology service in the Australian healthcare setting—The Chris O’Brien Lifehouse Hospital experience.* **Grant, Suzanne J., Marthick, Matthew and Lacey, Judith.** s.l. : Supportive Care in Cancer, 2019, Vol. 27. 10.1007/s00520-018-4460-2.

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3. *Integrative Medicine for Pain Management in Oncology: Society for Integrative Oncology–ASCO Guideline.* **Lyman, Gary H., et al.** 34, 2022, Journal of Clinical Oncology, Vol. 40, pp. 3818–3843. 10.1200/JCO.22.01357.

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