Database(s): Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) 1946 to July 21, 2020
Search Strategy: Final Search Medline 22nd July 2020

| # | Searches | Results |
|---|----------|---------|
| 1 | exp Intergenerational Relations/ | 3942 |
| 2 | (intergeneration* adj3 (program* or learning or care or relationship* or activit* or practice* or exchange* or space* or cent*)).tw,kf. | 707 |
| 3 | 1 or 2 | 4364 |
| 4 | exp Dementia/ | 165350 |
| 5 | (Alzheimer* or dement* or amenti* or lewy* or kluer or benign senescent forgetfulness or frontotemporal lobar degeneration or neurocognitive disorder* or memory complain* or cadasil or pick* disease or Huntington* or CJD or JCD or creutzfeldt jakob).tw,kf. | 249989 |
| 6 | ((vascular or senile or semantic) adj3 dement*).tw,kf. | 11310 |
| 7 | ((cognit* or memory or cerebr* or mental*) adj3 (declin* or impair* or los* or deteriorat* or degenerat* or complain* or disturb* or disorder*)).tw,kf. | 213737 |
| 8 | Cognition/ | 97606 |
| 9 | Cognition Disorders/ | 64182 |
| 10 | Nursing Homes/ | 34733 |
| 11 | exp Residential Facilities/ | 52374 |
| 12 | ((residential or long-term) adj6 (care or facility or facilities)).tw,kf. | 36048 |
| 13 | exp Day Care, Medical/ | 5102 |
| 14 | exp Long-Term Care/ | 25900 |
| 15 | exp Independent Living/ | 5969 |
| 16 | (Day adj3 (club or cent* or hosp* or care or unit)).tw,kf. | 28544 |
| 17 | (Nursing home* or retirement home* or community dwelling).tw,kf. | 53666 |
| 18 | ((Senior or therapy) adj3 cent*).tw,kf. | 6043 |
| 19 | or/4-18 | 668121 |
| 20 | 3 and 19 | 363 |

**Forming relationships**

| Finding 1: Older people living with McNair, 2010, Di Bona | Minor concerns based on the No or very minor | Minor concerns regarding | Moderat e concern | Moderat e Confiden | Explanatio n of CERQual assessment | Adequa cy | Coherence | Relevance | Methodolog ical limitations | Studies contribut ing to the review finding | Summary of review finding |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | No or very minor concerns |
dementia
and younger
people may
experience
initial anxiety
and
uncertainty
about
meeting each
other and
engaging in
the
Intergenerati
onal
programmes
activities

| Finding 2: Once older people living with dementia and younger people begin to feel more comfortable and gain familiarity with each other, the relationships can grow |
|---|
| Seo 2006, McNair 2010, Wescott 2011, Canning 2020, Dusman 2020, George 2011 |
| Minor concerns based on the assessment of one study with no, four studies with minor, and one study with moderate methodological limitations |
| Minor concerns As very little data to support in two studies |
| Minor concerns regarding relevance as studies had moderate geographical spread |
| Minor concerns ranging as studies had moderate geographical spread |
| Included a range of Intergenerational programme activities |
| Participants included both older people and Children |
| High confidence |
| Minor concerns regarding relevance, coherence, adequacy and methodological limitations |

| Finding 3: Younger people may welcome the opportunity to meet new people and make friends with the older people living with dementia |
|---|
| McNair 2010, Alant 2015 |
| Minor concerns based on the assessment of one study with minor, and one study with moderate methodological limitations |
| No or very minor concerns |
| Minor concerns regarding relevance as studies had moderate geographical spread |
| Included limited range of Intergenerational programme activities |
| Participants |
| Moderate confidence |
| Minor concerns regarding relevance, coherence, adequacy and methodological limitations |
Finding 4: The opportunity to share life stories can help relationships to develop

Seo 2006, McNair 2010, George 2011, Wescott 2011, Di Bona 2019, Canning 2020, Weeks 2020

Minor concerns based on the assessment of six studies with minor and one study with moderate methodological limitations

No or very minor concerns

Minor concerns regarding relevance as studies had moderate geographical spread

Included a range of Intergenerational programme activities

Participants included both older people and children

Moderate concerns

Moderate confidence

No or very minor concerns regarding coherence, minor concerns regarding relevance and methodological limitations, and moderate concerns regarding adequacy

Interaction and engagement

Summary of review finding

Studies contributing to the review finding

Methodological limitations

Cohercence

Relevance

Adequacy

CERQual assessment of confidence in the evidence

Explanatio of CERQual assessment

Finding 5: Older people living with dementia and younger people can enjoy each other’s company, and may demonstrate this through smiling, laughing, conversation and making eye contact

Seo 2006, Jarrott 2007, McNair 2010, George 2011, Di Bona 2019, Canning 2020, Dusman 2020, Weeks 2020

Minor concerns based on the assessment of one study with no, five studies with minor and two studies with moderate methodological limitations

No or very minor concerns

Minor concerns regarding relevance as studies had moderate geographical spread

Included a range of Intergenerational programme activities

Participants included both older people and children

Minor concern s based on relatively thick data

High confidence

No or very minor concerns regarding coherence, minor concerns regarding relevance, adequacy and methodological limitations
Finding 6: Sometimes the diagnosis of dementia may impact on an older person’s level of interaction, and they may have difficulty engaging in conversation or may be more comfortable simply observing the children.  

| Jarrott 2007, Di Bona 2019, Dusman 2020 | Minor concerns based on the assessment of one study with no, one study with minor and one study with moderate methodological limitations | No or very minor concerns | Minor concerns regarding relevance as studies had moderate geographical spread. Included a range of Intergenerational programme activities. Participants included both older people and Children. | Moderately concern | Moderately confidence | No or very minor concerns regarding coherence, minor concerns regarding relevance and methodological limitations, and moderate concerns regarding adequacy |

Finding 7: Individual preferences may impact on levels of engagement with Intergenerational programmes.  

| Seo 2006, Jarrott 2007, McNair 2010, Dusman, Weeks 2020 | Minor concerns based on the assessment of one study with no, two studies with minor and two studies with moderate methodological limitations | No or very minor concerns | Moderate concerns regarding relevance as studies had moderate geographical spread. Included a range of Intergenerational programme activities. Participants included mainly older people with two studies not including children. | Minor concerns | Moderately confidence | No or very minor concerns regarding coherence, moderate concerns regarding relevance and minor concerns about methodological limitations and adequacy |

The opportunity to learn

| Summary of review finding | Studies contributing to the review finding | Methodological limitations | Coherence | Relevance | Adequacy | CERQual assessment of confidence in the evidence | Explanatio n of CERQual assessment |
|---|---|---|---|---|---|---|---|
| Finding 8: Younger people can | Wescott 2011, Alant | Minor concerns based on the | No or very minor | Minor concerns regarding | No or very minor | High Confidence | No or very minor concerns |
learn about communication, patience and empathy when interacting with older people living with dementia, as well as developing their interpersonal skills more generally

| Study References | Methodological Concerns | Methodological Limitations |
|-------------------|-------------------------|---------------------------|
| 2015, Di Bona 2019, Canning 2020, Dusman 2020 | assessment of one study with no and four studies with minor methodological limitations | relevance as studies had moderate geographical spread. Included a range of Intergenerational programmes activities. Participants included mainly older people and children with one study not including children. |

**Finding 9:** By participating in Intergenerational programmes, younger people can learn about aging and dementia, and learn about the person behind the diagnosis

| Study References | Methodological Concerns | Methodological Limitations |
|-------------------|-------------------------|---------------------------|
| McNair 2010, George 2011, Wescott 2011, Alant 2015, Di Bona 2019, Canning 2020 | Minor concerns based on the assessment of five studies with minor and one study with moderate methodological limitations | No or very minor concerns |

The nature of the IG programme

| Summary of review finding | Studies contributing to the review finding | Methodological limitations | Coherence | Relevance | Adequacy | CERQual assessment of confidence in the evidence | Explanation of CERQual assessment |
|---------------------------|------------------------------------------|---------------------------|-----------|-----------|---------|-----------------------------------------------|----------------------------------|
| Finding 10: A structured and | Jarrott 2007, Di Bona | Minor concerns Minor | No or very minor | Moderate concerns regarding | Moderate concern | Moderate Confidence | No or very minor concerns |
purposeful Intergenerational programmes may facilitate participant engagement. The presence of staff to facilitate the programmes is also important.

| 2019, Canning 2020, Weeks 2020 | concerns based on the assessment of three studies with minor and one study with moderate methodological limitations | concerns relevance as studies had moderate geographical spread and included a range of Intergenerational programme activities Participants included mainly older people with two studies not including children. | 2019, Canning 2020, Weeks 2020 | concerns based on the assessment of three studies with minor and one study with moderate methodological limitations | concerns relevance as studies had moderate geographical spread and included a range of Intergenerational programme activities Participants included mainly older people with two studies not including children. |
| Seo 2006, Jarrott 2007, Weeks 2020 | Moderate concerns based on the assessment of one study with minor and two studies with moderate methodological limitations | No or very minor concerns Moderate concerns regarding relevance as studies had moderate geographical spread and included a range of Intergenerational programme activities Participants included older people in two studies, and one study included children only and one study did not include children. | Seo 2006, Jarrott 2007, Weeks 2020 | Moderate concerns based on the assessment of one study with minor and two studies with moderate methodological limitations | Moderate concerns regarding relevance as studies had moderately thin data offered in studies |
| Seo 2006, Jarrott 2007, Weeks 2020 | Moderate concerns based on the assessment of one study with minor and two studies with moderate methodological limitations | Moderate concerns regarding relevance as studies had moderately thin data offered in studies |

Finding 11: Older people living with dementia may not like the noise and crowding during Intergenerational programmes, and this may be a barrier to their participation. This should be considered when planning the location and spatial plan for delivery of Intergenerational programmes.

Moderate concerns regarding coherences, moderate concerns regarding relevance and adequacy and minor concerns about methodological limitations.

No or very minor concerns regarding coherences, moderate concerns regarding relevance and adequacy and minor concerns about methodological limitations.