



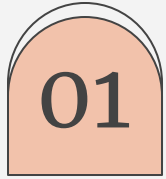
Scoping Review Process

Ambika, Areeya, & Ashley

Modified by Dr Michael Kalu



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What is a Scoping Review?

Study Selection



Research Question

Charting the Data



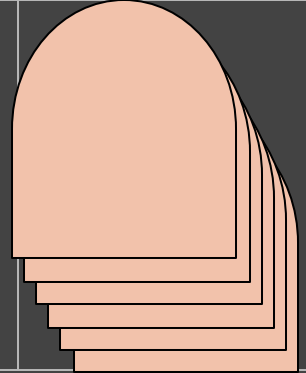
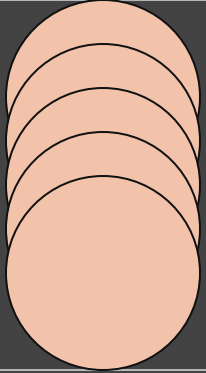
Identifying Relevant Studies

**Collating, Summarizing,
and Report the Results**



01

What is a Scoping Review?



Scoping Review

What is it?

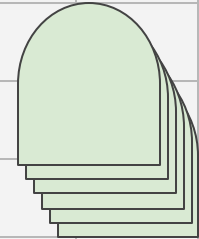
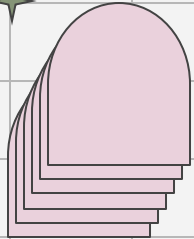
A scoping review systematically identifies and maps all available evidence on a topic, field, or concept, regardless of source, aiming to clarify definitions, identify key characteristics, and outline methodological factors across various contexts.

Arksey O'Malley Framework

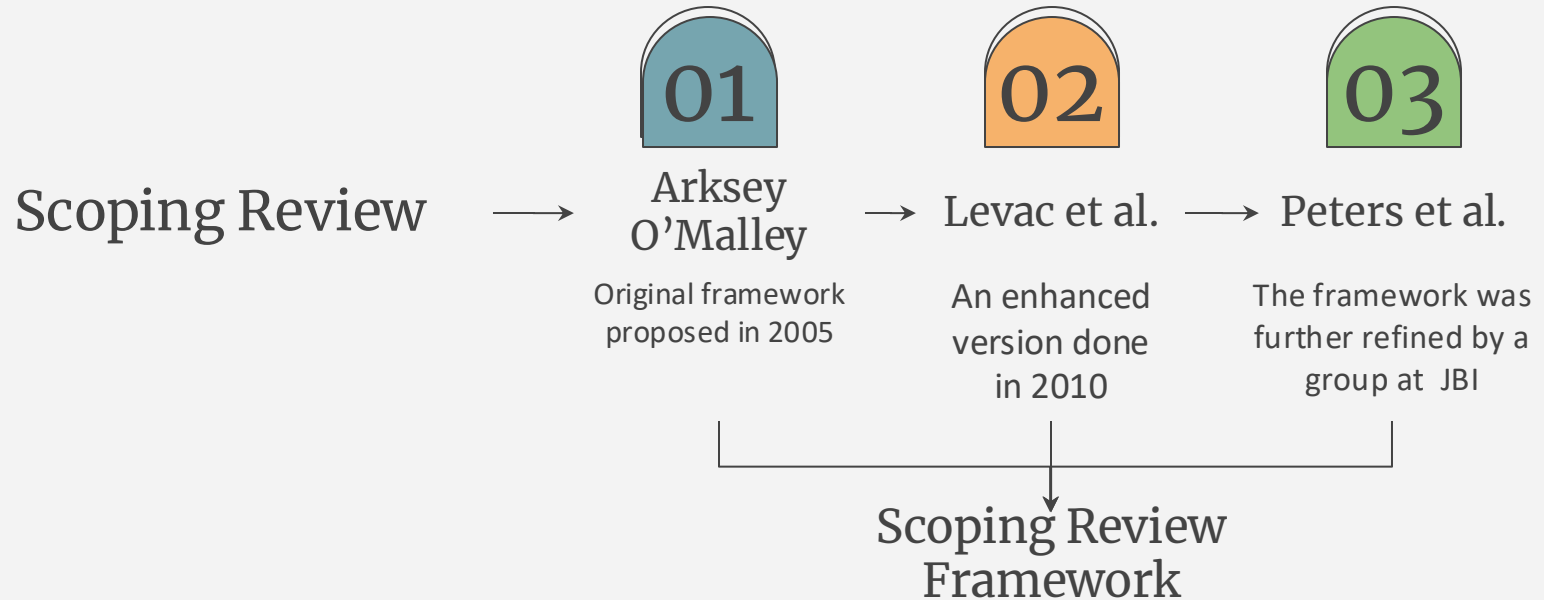
- The first methodological framework
- A structured guide for scoping reviews, outlining steps for study selection, summary, and optional consultation.

JBI Framework

- Peters et al. (2015)
- Comprised of the original framework and an enhanced version of the original framework created by Levac et al.



Timeline of Enhancements



Indications for scoping review (Munn et al 2018)



To clarify key concepts/definitions in the literature



To examine how research is conducted on a certain field or topic



To identify key characteristics of factors related to a concept



To identify types of available evidence in a given field.

Scoping VS systematic review

Table 1 Defining characteristics of traditional literature reviews, scoping reviews and systematic reviews

	Traditional Literature Reviews	Scoping reviews	Systematic reviews
A priori review protocol	No	Yes (some)	Yes
PROSPERO registration of the review protocol	No	No ^a	Yes
Explicit, transparent, peer reviewed search strategy	No	Yes	Yes
Standardized data extraction forms	No	Yes	Yes
Mandatory Critical Appraisal (Risk of Bias Assessment)	No	No ^b	Yes
Synthesis of findings from individual studies and the generation of 'summary' findings ^c	No	No	Yes

^aCurrent situation; this may change in time. ^bCritical appraisal is not mandatory, however, reviewers may decide to assess and report the risk of bias in scoping reviews. ^cBy using statistical meta-analysis (for quantitative effectiveness, or prevalence or incidence, diagnostic accuracy, aetiology or risk, prognostic or psychometric data), or meta-synthesis (experiential or expert opinion data) or both in mixed methods reviews

Arksey & O'Malley (2005) Five Steps Framework



Identification

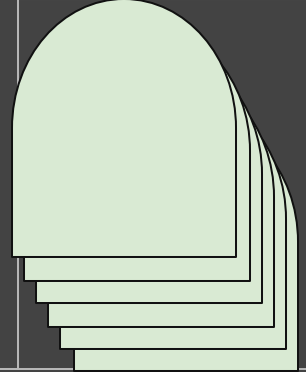
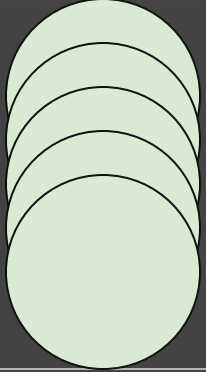
Screening

Eligibility

Included

02

Research Question



What is a research question?



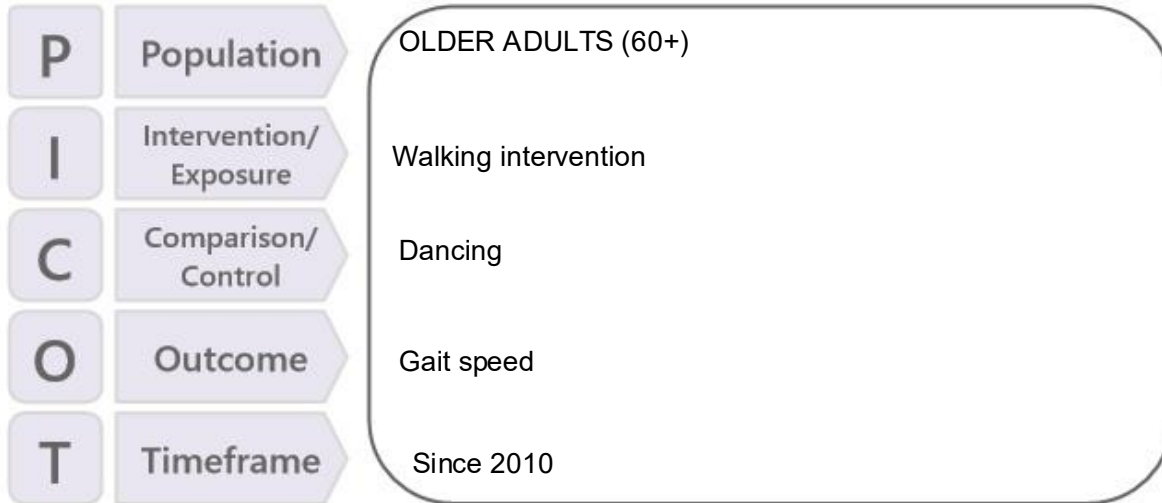
- Broad question that helps identify the scope of the literature
- **Questions to think about:**
 - What has been done in a particular field?
 - What are the gaps in the literature?
 - What populations have been included?
 - What progress has been made?
 - How has a policy changed over time?
 - What are the key concepts?
 - How is research conducted in a particular field?
 - Does enough literature exist to conduct a review?



IDENTIFY RESEARCH QUESTIONS

PICOT

PICOT FRAMEWORK



Research Question - PCC

- P = Population --- Black Older Adults
- C = Concepts ----Met and Unmet Needs
- C = Context ----- Home or Community

What are the met and unmet needs of Black older adults residing in their home or in the community?



Research Question Examples

What is the range of studies on wearable mobility devices for older adults' populations?

What are the software and hardware features of mobility wearable devices relevant to older adults?

What are the differences and similarities between features of AI-powered and non-AI-powered mobility wearable devices among the older adult population?

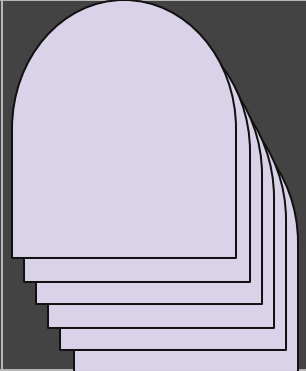
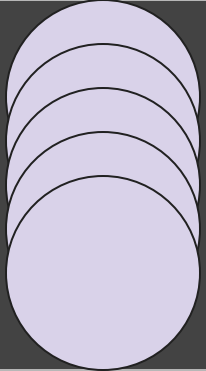
What are the met and unmet needs of Black older adults?

What are the financial challenges that Black older adults face and how are they being addressed?

What social support services are accessible for Black older adults and do they sufficiently address their concerns? What gaps exist in such services that lead to unmet needs on Black older adults?

03

Relevant Studies



How to find relevant studies?

Arksey and O'Malley: identifying relevant studies

Levac: balancing feasibility with breadth and comprehensiveness

Peters: develop and align inclusion criteria with objectives and questions

- Come up with inclusion and exclusion criteria
- Determine limits of your research



Search Strategy Development

An organized arrangement of key terms for database searches

PICOT

- Mainly used for systematic reviews
- More clinical research
- **P**opulation/Patient
- **I**ntervention
- **C**omparison
- **O**utcome
- **T**ime

PCC

- More used for scoping review
- Less clinical
- **P**opulation
- **C**oncept
- **C**ontext

Example Of Search Strategy

Patient / Population	Older adult* OR Elderly OR Senior* OR Ag*ing OR geriatric* OR senior Citizen* OR Older people* OR Retirees OR Aged OR Older person*s OR Gerontology
Concepts	Artificial Intelligence information OR AI generated OR machine learning OR Machine learning or machine-learning OR wearable* OR wearable electronic devices OR fitness trackers* OR Computer-Assisted OR Computer assisted OR fitness trackers OR wearable electronic devices OR wearable technology OR wearable sensor OR wireless sensor OR Actigraphy OR motion monitor OR movement sensor OR wearable interface OR body worn OR activity-tracking OR activity sensor OR wireless sensor networks OR sensor technology OR accelerometer OR inertia sensor OR accelerometer OR inertial measurement unit OR fitness track*
Outcome	Mobility limitations OR Life space measures OR Mobility OR Walking OR Ability level OR physical mobility OR Movement OR Gait OR Balance OR Physical functioning OR, Six minutes' walk test OR <u>Berg</u> Scale OR Short physical performance battery OR locomotion

* = multiple variants of a word

Another Example Of Search Strategy

Patient / Population	Black older adults OR African American older adults OR Black seniors OR African American seniors Black Elderly OR African American elderly OR Black ageing population OR African American ageing population OR Black older person* Or African American Older person* Or Black senior or African American senior OR Black geriatric* OR African American Geriatric*
Concepts	"met needs" OR "unmet needs" OR "gaps in care" OR "healthcare needs" OR "needs assessment" OR "support services" OR "resource allocation" OR "unaddressed needs") AND ("social needs" OR "social isolation" OR "community support" OR "social services" OR "social support" OR "loneliness" OR "social engagement") AND ("psychological needs" OR "mental health" OR "psychosocial support" OR "emotional well-being" OR "mental well-being" OR "counseling services" OR "depression" OR "anxiety") AND ("physical needs" OR "physical health" OR "mobility support" OR "chronic pain" OR "disability" OR "physical well-being" OR "rehabilitation services") AND ("cognitive needs" OR "cognitive support" OR "cognitive decline" OR "dementia care" OR "memory care" OR "cognitive stimulation" OR "cognitive health") AND ("financial needs" OR "economic support" OR "financial insecurity" OR "income support" OR "retirement income" OR "poverty" OR "economic hardship" OR "financial assistance") AND ("environmental needs" OR "housing needs" OR "home modification" OR "safe living environment" OR "community environment" OR "neighborhood support" OR "environmental barriers" OR "access to services")
Outcome	"met needs" OR "unmet needs" OR "gaps in care" OR "unsatisfied needs" OR "fulfilled needs" OR "resource adequacy" OR "service utilization" OR "service satisfaction" OR "support needs" OR "needs satisfaction" OR "service gaps" OR "unaddressed needs") AND ("social support" OR "social isolation" OR "community support" OR "social engagement" OR "social well-being" OR "loneliness" OR "social participation" OR "connectedness") AND ("psychological well-being" OR "mental health" OR "psychological distress" OR "emotional well-being" OR "mental health services" OR "depression" OR "anxiety" OR "counseling services" OR "psychosocial needs") AND ("physical functioning" OR "mobility support" OR "physical health" OR "disability" OR "chronic pain" OR "physical rehabilitation" OR "rehabilitation services" OR "physical well-being") AND ("cognitive health" OR "cognitive decline" OR "cognitive function" OR "memory care" OR "cognitive support" OR "cognitive impairment" OR "dementia care") AND ("financial security" OR "financial needs" OR "economic hardship" OR "income support" OR "financial assistance" OR "financial insecurity" OR "economic support") AND ("environmental needs" OR "housing stability" OR "home modification" OR "safe living environment" OR "housing security" OR "neighborhood environment" OR "access to services"

Example of Search Strategy

Population

- Older adult* OR elderly OR senior* OR black OR geriatric OR over 65 OR aged* OR retired OR Black older adult OR old Person OR Retirees OR Mature OR veterans OR grandparents OR Elderly individuals of African descent OR Black seniors OR Black Elders OR minority health OR Black retirees OR frailty OR pensioner

Concepts

Social Needs

- Inclusion OR acceptance OR belonging OR financial stability OR marriage status OR transportation services OR transportation accessibility OR cost OR language OR gender-specific needs OR social support OR employment OR child care OR child support OR food assistance OR food supply OR patient advocacy OR housing OR social welfare OR social determinant OR education status OR patient-centred care OR social status OR literacy OR safe housing OR gender equality OR equity OR social workers OR safe neighbourhood OR neighbourhood

Health Needs

- Health OR Mental health resources OR Physical Health resources OR Medical Necessities OR health services OR Health Care utilization OR community health services OR medical-legal partnership OR quality of care OR health service administration OR Public health OR health services accessibility OR Health priorities OR patient-centred care OR Health equity OR pharmaceuticals OR medications OR Health personnel OR hospital

Context

- Homebound OR Homebound person OR Homebound Elderly OR Class OR mobility OR disability OR social isolation OR shut-ins OR independent living OR home care service OR hospitalization OR risk assessment OR sickness OR cognitive impairment OR Home-based Primary Care OR Health care expenditure OR isolation OR Housebound OR Quarantined OR Confined at home OR Solitaires OR Confined OR Social Exclusion OR Nursing Home OR patient discharge OR Home-based Care OR Long-term Care OR Exclusion

1.



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<https://www.library.yorku.ca> > Home > Ask & Services

Book a Consultation with a Librarian or Archivist

Dr. Jenna Stidwill, Assistant Librarian - Email: jenna.stidwill@yorku.ca - Book a Consultation ...

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2.

Subject Areas

- ARTS, MEDIA, PERFORMANCE & DESIGN
- BUSINESS
- DIGITAL HUMANITIES & DIGITAL SCHOLARSHIP
- EDUCATION
- ENGINEERING
- ENVIRONMENTAL & URBAN CHANGE
- FRANÇAIS (CONSULTATIONS)
- HEALTH
- HUMANITIES
- SCIENCE
- SOCIAL SCIENCES

Areas of Expertise

- ARCHIVES AND SPECIAL COLLECTIONS
- COLLECTIONS General and Major Purchases
- DATA SERVICES
- EXPERIENTIAL EDUCATION
- GOVERNMENT DOCUMENTS
- INDOGENOUS OUTREACH
- METADATA
- RDM (Research Data Management)
- RESEARCH VISIBILITY
- SCHOLARLY COMMUNICATIONS
- SCOPING & SYSTEMATIC REVIEWS

3.

Kinesiology and Health Science, Neuroscience

- Rajiv Nariani, Associate Librarian (on leave returning Oct 19, 2024)
- Email: rajivn@yorku.ca
- Book a Consultation

4.

Make an Appointment - Subject Research Consultations

A subject research consultation can help you:

- refine research topics and develop research strategies
- use the best search tools and databases for your assignments or research projects
- evaluate information sources for research projects
- conduct research for theses, dissertations or major papers
- conduct research for literature reviews

If there are no times available, you can either **email** the librarian directly, or go to **Chat** for quick assistance to start your research

1. Librarian

60 minute consultation (1 hour)

☒ So-Katryn Maimets

2. Select Date:

Calendar view for September 2024. The date **26** is selected.

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

3. Select Time:

Thursday, September 26, 2024

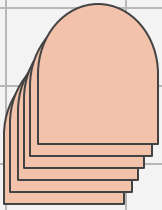
Time Zone: Eastern Time - US & Canada (change)

9:00am

10:00am

Continue

Research Consultation



Database Searches

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- Ovid
- Web of Science
- ProQuest

PubMed

History and Search Details

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Search	Actions	Details	Query	Results	Time
#5	...	!	Search: (((Older adult* OR Elderly OR Senior* OR Ag*ing OR geriatric* OR senior Citizen* OR Older people* OR Retirees OR Aged OR Older person's OR Gerontology AND ((f[Filter]) AND (humans[Filter]) AND (english[Filter]) AND (aged[Filter])))) AND (Artificial Intelligence information OR AI generated OR machine learning OR Machine learning or machine-learning OR wearable* OR wearable electronic devices OR fitness trackers* OR Computer-Assisted OR Computer assisted OR fitness trackers OR wearable electronic devices OR wearable technology OR wearable sensor OR wireless sensor OR Actigraphy OR motion monitor OR movement sensor OR wearable interface OR body worn OR activity-tracking OR activity sensor OR wireless sensor networks OR sensor technology OR accelerometer OR inertia sensor OR accelerometer OR inertial measurement unit OR fitness track* AND ((f[Filter]) AND (f[Filter]) AND (humans[Filter]) AND (english[Filter]) AND (aged[Filter])))) AND (Mobility limitations OR Life space measures OR Mobility OR Walking OR Ability level OR physical mobility OR Movement OR Gait OR Balance OR Physical functioning OR, Six minutes' walk test OR Berg Scale OR Short physical performance battery OR locomotion AND ((f[Filter]) AND (f[Filter]) AND (humans[Filter]) AND (english[Filter]) AND (aged[Filter])))) Filters: Free full text, Full text, Humans, English, Aged: 65+ years, from 2010 - 2023	6,564	14:39:48
#3	...	>	Search: Mobility limitations OR Life space measures OR Mobility OR Walking OR Ability level OR physical mobility OR Movement OR Gait OR Balance OR Physical functioning OR, Six minutes' walk test OR Berg Scale OR Short physical performance battery OR locomotion Filters: Free full text, Full text, Humans, English, Aged: 65+ years	120,578	14:38:36
#2	...	>	Search: Artificial Intelligence information OR AI generated OR machine learning OR Machine learning or machine-learning OR wearable* OR wearable electronic devices OR fitness trackers* OR Computer-Assisted OR Computer assisted OR fitness trackers OR wearable electronic devices OR wearable technology OR wearable sensor OR wireless sensor OR Actigraphy OR motion monitor OR movement sensor OR wearable interface OR body worn OR activity-tracking OR activity sensor OR wireless sensor networks OR sensor technology OR accelerometer OR inertia sensor OR accelerometer OR inertial measurement unit OR fitness track* Filters: Free full text, Full text, Humans, English, Aged: 65+ years	33,995	14:38:26
#1	...	!	Search: Older adult* OR Elderly OR Senior* OR Ag*ing OR geriatric* OR senior Citizen* OR Older people* OR Retirees OR Aged OR Older person's OR Gerontology Filters: Free full text, Full text, Humans, English, Aged: 65+ years	900,973	14:38:15

Ovid

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EBM Reviews - ACP Journal Club 1991 to October 2023

EBM Reviews - Database of Abstracts of Reviews of Effects 1st Quarter 2016

EBM Reviews - Cochrane Clinical Answers October 2023

EBM Reviews - Cochrane Central Register of Controlled Trials October 2023

EBM Reviews - Cochrane Methodology Register 3rd Quarter 2012

EBM Reviews - Health Technology Assessment 4th Quarter 2016

EBM Reviews - NHS Economic Evaluation Database 1st Quarter 2016

JBI EBP Database Current to November 08, 2023

Embase 1974 to 2023 November 13

Ovid Emcare 1995 to 2023 Week 45

Ovid Healthstar 1966 to August 2023

APA Psycinfo 1806 to November Week 1 2023

Social Work Abstracts 1968 to September 2023



Web of Science

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Search in: **Web of Science Core Collection** ▾ Editions: **All** ▾

DOCUMENTS

CITED REFERENCES

STRUCTURE

Topic ▾

Example: oil spill* mediterranean

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And ▾

Topic ▾

Example: oil spill* mediterranean

Artificial Intelligence information OR AI generated OR machine learning OR Machine learni X

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Topic ▾

Example: oil spill* mediterranean

Mobility limitations OR Life space measures OR Mobility OR Walking OR Ability level OR ph X

Publication Date ▾

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(Older adult* OR Elderly OR Senior* OR Ag*ing OR geriatric* OR senior Citizen* OR Older people* OR Retirees OR And OR Older persons OR Geriatrics) AND self-sufficient intelligence information OR AI generated OR Additional limits - Date: From January 01 2010 to October 31 2023; Language: English

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Source type:

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- Books
- Dissertations & Theses
- Newspapers
- Historical Newspapers

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Publication date

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1

Machine Learning Approaches for Analyzing Human Mobility in Land and Sea Environments using Wearable Sensors

Choi, Jungyeon. University of Nebraska at Omaha ProQuest Dissertations Publishing. 2022. 29155517.

...mobility ability in older adults. A pelvis sensor was more efficient at... and Go (TUG) Test and the Six Minute Walk Test. This finding allows us to... older adults. The second aim is to examine a practical sensor location to...

[Abstract/Details](#) [Preview - PDF \(3 MB\)](#) [Full text - PDF \(3 MB\)](#)

186 References

2

Simultaneous Human Activity Recognition, mapping, and indoor localization for ambient assisted living scenarios

Alternate title: Simultane Indoor-lokalisierung Mapping Und Erkennung Menschlicher Aktivitäten Für AAL- Szenarien

Bravo, Jesus David Cerón. Friedrich-Alexander-Universitaet Erlangen-Nuernberg (Germany) ProQuest Dissertations Publishing. 2022. 30234787.

...This information is especially relevant for systems that assist older adults who... data from an inertial measurement unit placed at the height of the person's...



Import the results from the Database searches into Covidence

References can be imported using the EndNote XML format, the PubMed format, or the RIS text format.

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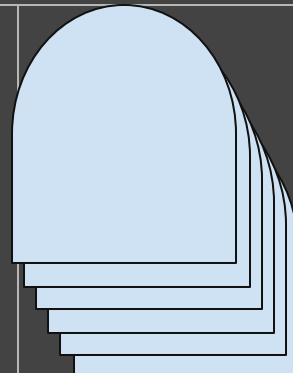
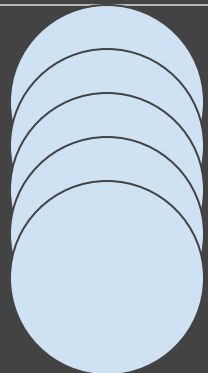
Choose File

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Import

04

Study Selection



What is a study selection?

Arksey and O'Malley:

- Planned evidence searching
- Picking specific studies
- Extracting the data

Levac: iterative team approach to select studies and extract data

Peters: planned approach to evidence searching, selection, data extraction, and presentation

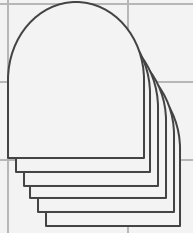


Ashley & Areeya example:

Inclusion	Exclusion
- Articles that focus on older adults: 65 above years of age or older - Articles that contain mobility wearable devices; Mobility, is defined as one's own capacity of functional movement to move with ease from one place to another either by self, use of assistive devices, transportation and driving - Articles that focus on mobility wearable devices for older adults defined as non-invasive, body-worn devices that record mobility measures (e.g Actigraph and accelerometer), such as gait speed, cadence and locations, GPS etc. - Articles that included mobility wearable devices that use AI, defined as software or any applications that have human-like intelligence, such as adapting to changing needs, learn from experience to improve, enhance and assess older adults' mobility (Bartneck et al., 2020; Collins et al 2021; Alowais et al., 2019). - Articles that included mobility wearable devices that used technology-focused applications but did not specify if it is AI-powered as described above. - Articles of any design, including those that focus on the design/development of wearable mobility devices and testing the feasibility of new wearable mobility devices in older adults population	- Articles that have mobility wearable devices among older adults that are implanted (pacemakers etc.) - Articles that focus on mobility wearable device not published in English - Articles published prior to the year 2010, as it is the landmark on AI advancement in health care as described in Davis et al., (2022), as well as previous review on wearable systems for monitoring mobility related activities in older adults (Bruin et al., 2008). - Articles that focus on theoretical, conceptual frameworks, editorial or commentaries on AI usage in mobility wearable devices or AI software development at the algorithm level or machine level learning. - Articles that focus on wearable devices that attach to a walking aid (e.g wheelchairs and walking aids) and are not body worn by older adults. However, if worn by older adults but achieved mobility via wheelchairs or with walking aid will be included. - Articles that have mobility wearable devices that are powered by robots defined as a type of automated machine that can execute specific tasks, repeatedly with little or no human intervention (Fosch-Vilaronga & Drukarch, 2021).

Ambika's Example:

Inclusion	Exclusion
Study Characteristics employed quantitative, qualitative, or mixed-method methodologies. We will include quantitative studies that conducted (a) sub-analysis for BOAs or use race (black) and (b) BOAs constitute 70% of the study population (this will be achieved in the full text) Population conducted among community-dwelling black older adults, mean age 55 years and above. Black includes African, Caribbean, African American Intervention/Exposure Cognition needs refers to internal mental representations best characterised as thoughts and ideas involved in multiple mental processes and operations, including perception, reasoning memory, intuition, judgement, and decision making that older adults need to enable them function effectively in the community. Examples - Attention, visual spatial memory, response inhibition, executive function, processing speed, memory, pattern recognition - Environmental needs are the external conditions that are natural (e.g., weather) or built (e.g., well connected street) and supports (e.g accessible transportation, social capital) that older adults require or are necessary for their safety to enhance overall quality of life. Examples - distance, temporal characteristics, light conditions, weather conditions, public transport, street connections, walkability, access to recreational facilities, land mixed use, cycling, traffic related safety, perception of crime related safety - Financial needs are defined as monetary (cash or investment) that an individual is required to maintain or fulfil financial goals, and such could include, personal, household, family income, shares and bond. Example - income, financial status, employment status, pension, insurance. - Physical/health needs are encompassing to include various physiological systems such as musculoskeletal such as muscle strength, nervous and sensory such as hearing and vision, cardiovascular and respiratory and other health issues, such as frequency of physical activity that an individual requires to function optimally in the community. Example - Muscle strength, Vision care, hearing care, fall prevention, oral care, skincare, mobility, body composition, physical endurance, muscle power, range of motion,	- cross-cultural validation of geriatric or gerontological instruments, such as the dementia scale, as it did not highlight needs. - Other psychometric properties of geriatric or gerontological instruments, such as dementia scale. - Systematic, scoping, integrated or literature review; however, the full APA citation should be copied into the google word document link provided. - Conducted among black older adults in other settings, such as hospitals, long-term care, or assisted living



Abstract Screening

- Read the abstracts of the articles and include/exclude accordingly
- Ensure the abstract is relevant to the research topic
- Most articles are included at this stage





#92090 - Hans 2020

Ureteral stenosis following iliac artery stenting

Hans S.S.; Lee M.M.; Jain N.

Journal of Vascular Surgery Cases and Innovative Techniques / 2020;6(3):469-472

United States Society for Vascular Surgery 2020 /

DOI: [10.1016/j.jvscit.2020.07.012](https://doi.org/10.1016/j.jvscit.2020.07.012) 

No

Maybe

Yes

▼ Abstract

Ureteral complications after open aortoiliac reconstruction for aneurysmal and occlusive disease have been reported previously. However, ureteral complications from endovascular interventions for iliac artery disease are relatively rare. We describe a case of left ureteral stenosis resulting in hydronephrosis after multiple endovascular interventions involving the left common and external iliac arteries. The intraoperative findings during robotic ureterolysis revealed significant peri-iliac fibrosis and scarring in the area of the iliac stents. This case illustrates that, although uncommon, ureteral stenosis may occur after iliac stenting owing to persistent fibrosis. Copyright

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Abstract Screening



#13969 - Kricorian 2021

Covid-19 vaccine reluctance in older black and hispanic adults: Cultural scnsitivity and institutional trust

Kricorian, K.; Turner, K.

Journal of the American Geriatrics Society 2021;69(SUPPL 1):S214
2021

DOI: [10.1111/jgs.17115](https://doi.org/10.1111/jgs.17115) • Ref ID: 39751

No

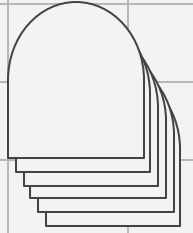
Maybe

Yes

▼ Abstract

BACKGROUND: The COVID-19 pandemic has had a disproportionate impact on people of color, particularly Blacks and Hispanics. Recent studies also demonstrate these groups are often less willing to receive the COVID-19 vaccine when it is available. We analyzed health information perceptions among older Blacks and Hispanics for insight on how to overcome this vaccine reluctance. **METHOD(S):** We analyzed survey data collected by The COVID Collaborative, a non-profit assemblage of researchers developed to address the COVID-19 pandemic. Data were collected in August 2020 through an online US survey of Hispanic and Black respondents. N= 364 Black respondents and N=54 Hispanic respondents were 60+ years old and were included in the analysis. **RESULT(S):** Among the older (60+) Black and Hispanic respondents, just 25% and 35% were willing to receive a COVID-19 vaccine. 30% of older Blacks and 29% of older Hispanics reported complete trust in their doctor/healthcare team. This lack of trust may be due to perceived cultural insensitivity. Only 30% of older Blacks and 33% of older Hispanics felt their healthcare providers understood their cultural/ ethnic background. Less than half of older Blacks and Hispanics (45% and 48%) felt their healthcare providers explained things coherently. 87% of older Blacks and 85% of older Hispanics thought the vaccine would make them sick. **CONCLUSION(S):** Although older Blacks and Hispanics are at risk of contracting COVID-19, many are unwilling to receive the vaccine. This may be due to distrust in the healthcare system, exacerbated by perceptions of healthcare providers' lack of cultural sensitivity towards older Black and Hispanic patients. Improved communication about the vaccine is needed, as both groups believed the vaccine would get them sick and less than half felt their healthcare teams communicate clearly. Our findings have implications for improved cultural sensitivity and health communication.

Abstract Screening



Full Text Review

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 - Ex. “wrong age population used”



Full Text Review

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ISSN: 0270-1960 print/1545-5847 online
DOI: 10.1080/02701960903578311

A Faith-Based and Cultural Approach to Promoting Self-Efficacy and Regular Exercise in Older African American Women

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The health benefits of regular exercise are well documented, yet there has been limited success in the promotion of regular exercise in older African American women. Based on theoretical and evidence-based findings, the authors recommend a behavioral self-efficacy approach to guide exercise interventions in this high-risk population. Interventions should be developed that are age appropriate, group delivered in the community, focused on a single behavior, and only include general health education as a secondary purpose. Suggested cultural tailoring of exercise interventions includes addressing beliefs about exercise, focusing on the "possible self," promoting participants as "cultural consultants," and spiritual and religious strategies.

KEYWORDS self-efficacy, exercise, interventions, culturally tailored, faith-based, older African American women

Health disparities for African Americans are well documented in several categories of health outcomes (Agency for Healthcare Research and Quality [AHRQ], 2006a). It is estimated that African American elders (≥ 65 years of age) will increase by 217% from 1990 to the year 2020 (Administration on Aging, 2009). The health status of these individuals is likely to be strongly influenced by their health habits; with diet and regular exercise as two of

culturally tailored interventions have been able to significantly increase their regular exercise levels (Banks-Wallace, 2007; Collins et al., 2009). However, the age of participants was reported as mean age of 50.3 or an age range of 30 to 65 years, respectively.

African American participants may be the most valid and reliable source of culturally relevant information on health promotion interventions in this population and might be considered "cultural consultants" (experts who will provide guidance on their culture) on interventions. Karanja, Stevens, Hollis, and Kumanyika (2002) made cultural adaptations in a nutrition and exercise intervention in response to participant's preferences, which resulted in increased regular exercise and weight loss in African American women. The cultural adaptations included building social support and decreasing isolation, increasing identification between interventionist and participants, and increasing program ownership. Strategies such as incorporating program materials that depict African Americans have been having been successfully used in interventions for African American women (Agurs-Collins et al., 1997; D. E. Smith et al., 1997).

What is the reason for
excluding this study?

✓ Select a reason
Mean age is not 55+

electronic health record data for p...
Not among community dwelling BOA
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Full Text Review

Psychosocial Factors Associated With Dietary Self- Management Among Older African American Women With Type 2 Diabetes

by
Carmen D. Samuel-Hodge

A dissertation submitted to the faculty of the University of North Carolina at Chapel Hill in partial fulfillment of the requirements for the degree of Doctor of Philosophy in the Department of Nutrition, School of Public Health

Chapel Hill
2000

Approved by:

Alvin S. Branstetter
Advisor
Robert A. M. Keller
Reader
James M. Brubaker
Reader

Harrel 2008	The religious and spiritual values that motivate older African-American women to volunteer in their communities
Quinn 2009	Factors associated with long-term care planning among older adults
Benton 2018	THE LIVING WELL TOGETHER PROGRAM: A QUALITATIVE ANALYSIS OF A HEALTH SELF-MANAGEMENT PROGRAM FOR AGING AFRICAN AMERICAN WOMEN WITH TYPE 2 DIABETES
Sanchez-Jones 2006	A qualitative analysis of health promotion among older African Americans
Perrault 2000	Psychological and social predictors of health status among black and white older adults
Samuel-Hodge 2000	Psychosocial factors associated with dietary self-management among older African American women with type 2 diabetes
Sartori 2013	The relationship between inflammatory biomarkers and cognitive function in older adults
Fleury 2006	The Social Ecological Model and Physical Activity in African American Women
Mills 2002	A Critical Review of Research on the Mental Health Status of Older African-Americans
Connel 1997	Racial, ethnic, and cultural differences in dementia caregiving: Review and analysis

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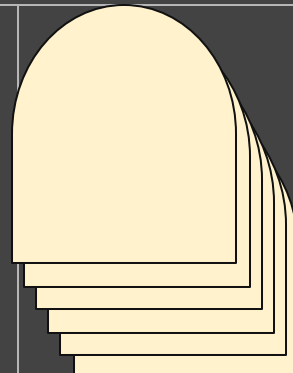
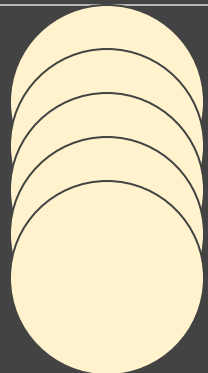
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05

Charting the Data



Charting of Data

Levac: Incorporating a numerical summary and qualitative thematic analysis

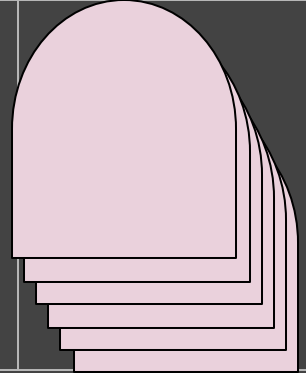
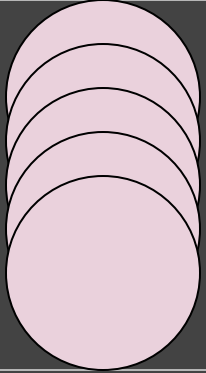
Peters (JBI): Searching for the evidence

- Data systematically extracted and cross-checked from selected studies
 - Ensure consistency and accuracy



06

Collating, Summarizing, and Report the Results



Collating, Summarizing, and Report the Results

Levac: identifying the implications of the study findings for policy, practice or research

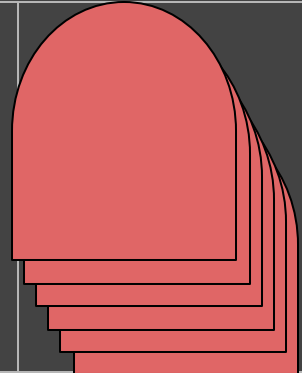
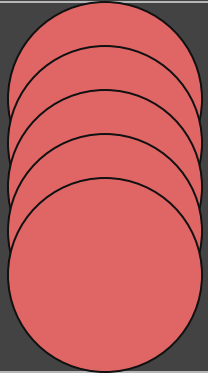
Peters (JBI): selecting the evidence

- Data extraction from the papers
- Identification of patterns, creation of categories and themes
- Thematic analysis involving text examination



Factors	n (%)	Factor Description
Environmental factors (n=743)		
Built environments are artificial structures, features, facilities, and layouts of a community where people live and work		
Street characteristics	77(10.4)	How streets look, how well the streets are connected to one another and where the streetlights are located
Residential characteristics	99(13.3)	The number of people, houses, public parks in an area, and the location of houses.
Land use mix	47(6.3)	How land is used within a community, for example, how much land is used for homes, shops, and offices.
Sidewalk characteristics	101(13.6)	How the sidewalks look, for example, are there any cracks or bumps; how big the sidewalks are, how close the sidewalks are to the road.
Crime-related safety	39(5.2)	How safe the community is based on the number of people around and how unfriendly or friendly people are.
Traffic-related safety	59(7.9)	How safe it is to cross the roads in the community, based on crosswalks, stop signs, stoplights and the timing of stoplights, and the speed limit for cars.

Consultation



Consultation (Optional)

- Consultation of information scientists, stakeholders and/or experts
- Expert consultation is able to provide feedback for scoping reviews
- **Levac:** Adopting consultation as a required component of scoping study methodology
- **Peters (JBI):** Extracting the evidence



JBI Specific Enhancements

1. Analysis of the Evidence
2. Presentation of the Results
3. Summarizing the evidence in relation to the purpose of the review, make conclusions, and noting any implications of the findings



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