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LAMPIRAN

Lampiran 1. Instrumen HL

1. Rapid Estimate Adult Literacy in Medicine (REALM)

RAPID ESTIMATE OF ADULT LITERACY IN MEDICINE (REALM) Examiner's Instruction Sheet

Terry Davis, PhD, Michael Crouch, MN, Sandy Long, PhD

The Rapid Estimate of Adult Literacy in Medicine (REALM) is a screening instrument to assess an adult patient's ability to read common medical words and lay terms for body parts and illnesses. It is designed to assess medical professionals in estimating a patient's literacy level so that the appropriate level of patient education materials or oral instructions may be used. The test takes two to three minutes to administer and score. The REALM has been correlated with other standardized tests (Family Medicine, 1993: 25:391-5).

Directions to the Examiner:

1. Examiner should say to the patient:
"This survey is to help us figure out the best type of patient education materials to give you. The survey only takes 2 to 3 minutes to do"
2. Give the patient a laminated copy of the "REALM" Patient Word List.
3. Examiner should hold an unlaminated "REALM" Score Sheet on a clipboard at an angle so that the patient is not distracted by your scoring procedure.
4. Examiner should say:
"I want to hear you read as many words as you can from this list. Begin with the first word on List 1 and read aloud. When you come to a word you cannot read, do the best you can or say "blank" and go on to the next word."
5. If the patient takes more than five seconds on a word say "blank" and point to the next word, if necessary, to move the patient along. If the patient begins to miss every word; have him/her pronounce only known words.
6. Count as an error any word not attempted or mispronounced. Score by:
 - ♦ (/) after each mispronounced word.
 - ♦ (-) after each word not attempted.
 - ♦ (+) after each word pronounced correctly.
7. Count the number of correct words for each list and record the numbers in the "SCORE" box. Total the numbers and match the total score with its grade equivalent in the table below.
8. Record the "Realm" generated reading level on the Examiner's Score Sheet and in the Education/Learning History section of the Social and Patient Education History assessment form in the Medical Record.

GRADE EQUIVALENT

Raw Score	Grade Range	
0-18	3 rd Grade and Below	Will not be able to read most low literacy materials; will need repeated oral instructions, materials composed primarily of illustrations, or audio or video tapes.
19-44	4 th to 6 th Grade	Will need low literacy materials; may not be able to read prescription labels.
45-60	7 th to 8 th Grade	Will struggle with most patient education materials.
61-66	High School	Will be able to read most patient education materials.

2. Newest Vital Sign (NVS)

Nutrition Facts			
Serving Size		½ cup	
Servings per container		4	
<hr/>			
Amount per serving			
Calories	250	Fat Cal	120
<hr/>			
			%DV
Total Fat	13g		20%
Sat Fat	9g		40%
Cholesterol	28mg		12%
Sodium	55mg		2%
Total Carbohydrate	30g		12%
Dietary Fiber	2g		
Sugars	23g		
Protein	4g		8%

*Percentage Daily Values (DV) are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.

Ingredients: Cream, Skim Milk, Liquid Sugar, Water, Egg Yolks, Brown Sugar, Milkfat, Peanut Oil, Sugar, Butter, Salt, Carrageenan, Vanilla Extract.

3. Short TOFHLA

Appendix I

Numeracy items and sample reading comprehension passage

NUMERACY ITEM 1 (Label on prescription bottle)

Take one tablet by mouth every 6 hours as needed.

ORAL QUESTION: If you take your first tablet at 7:00 a.m., when should you take the next one?
CORRECT ANSWER: "1:00 p.m."

NUMERACY ITEM 2 (Prompt card)

Normal blood sugar is 60–150. Your blood sugar today is 160.

ORAL QUESTION: If this was your score, would your blood sugar be normal today?
CORRECT ANSWER: "No"

NUMERACY ITEM 3 (Prompt card)

CLINIC APPOINTMENT			
CLINIC: Diabetic		LOCATION: 3rd floor	
DAY: Thurs.	DATE: April 2 nd	HOUR: 10:20	a.m. p.m.
Issued by: _____			
YOU MUST BRING YOUR PLASTIC CARD WITH YOU			

ORAL QUESTION: When is your next appointment?
CORRECT ANSWER: "April 2nd" or "Thursday, April 2nd"

Reading Comprehension Passage A (page 1)

Your doctor has sent you to have a

- a. stomach
- b. diabetes
- c. stitches
- d. germs

X-ray.

You must have an

- _____ stomach when you come for
- a. asthma
- b. empty
- c. insect
- d. anemia

_____.

- a. is
- b. am
- c. if
- d. it

The X-ray will

- _____ from 1 to 3
- a. take
- b. view
- c. talk
- d. look

_____ to do.

- a. beds
- b. brains
- c. hours
- d. diets

THE DAY BEFORE THE X-RAY

For supper have only a

- _____ snack of fruit.
- a. little
- b. broth
- c. attack
- d. nausea

_____ and jelly, with coffee or tea.

- a. toes
- b. throat
- c. toast
- d. thigh

4. Korean Health Literacy Test (KHLT) dan Short KHLT

Item
A. Direction: Take medication 4 times per day
1. Next medication time after the first medication at 7 AM ^a
2. Next medication time after the second medication time ^a
3. The last medication time ^a
B. Direction: Take medication before expiration date
4. *Availability of medication compared to expiration date ^a
C. Direction: Take medication every third day
5. Next medication day after taking on Tuesday ^a
D. Direction: Comparing blood sugar value with normal range
6. *Normality of tested blood sugar ^a
E. Direction: Take medication on an empty stomach
7. *Medication time before lunch ^a
8. *Medication time after a meal ^a
F. Direction: Patient instructions for abdominal sonogram
9. *Diet in the morning on examination day ^b
10. *Length of time to complete examination ^b
11. Where to go to find the result ^b
G. Direction: Informed consent document for colon polypectomy
12. *Qualifications for surgery ^b
13. *Complications of the procedure ^b
H. Direction: Patient education brochure for preventing falls
14. Causes of falls ^b
15. Medications associated with falls ^b

^aFinal items of the short version of the Korean functional Health Literacy Test.

^bItems on numeracy.

^cItems on reading comprehension.

5. Health Literacy Screening Questions (HLSQ)

1. How often are appointment slips written in a way that is easy to read and understand?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
2. How often are medical forms written in a way that is easy to read and understand?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
3. How often are medication labels written in a way that is easy to read and understand?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
4. How often are patient educational materials written in a way that is easy to read and understand?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
5. How often are hospital or clinic signs difficult to understand?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
6. How often are appointment slips difficult to understand?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
7. How often are medical forms difficult to understand and fill out?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
8. How often are directions on medication bottles difficult to understand?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
9. How often do you have difficulty understanding written information your health care provider (like a doctor, nurse, nurse practitioner) gives you?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
10. How often do you have problems getting to your clinic appointments at the right time because of difficulty understanding written instructions?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
11. How often do you have problems completing medical forms because of difficulty understanding the instructions?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
12. How often do you have problems learning about your medical condition because of difficulty understanding written information?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
13. How often are you unsure on how to take your medication(s) correctly because of problems understanding written instructions on the bottle label?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never
14. How confident are you filling out medical forms by yourself?
(1) Extremely (2) Quite a bit (3) Somewhat (4) A little bit (5) Not at all
15. How confident do you feel you are able to follow the instructions on the label of a medication bottle?
(1) Extremely (2) Quite a bit (3) Somewhat (4) A little bit (5) Not at all
16. How often do you have someone (like a family member, friend, hospital/clinic worker, or caregiver) help you read hospital materials?
(1) Always (2) Often (3) Sometimes (4) Occasionally (5) Never

Lampiran 2. Quality Assessment Checklist

PRISMA-ScR Checklist Item

SECTION	ITEM	PRISMA-ScR CHECKLIST ITEM	REPORTED ON PAGE #
TITLE			
Judul	1	Identifikasi laporan sebagai <i>scoping review</i>	Sampul
ABSTRACT			
Ringkasan struktur	2	Tersedia ringkasan terstruktur yang mencakup (jika berlaku): latar belakang, tujuan, kriteria kelayakan, sumber bukti, metode pembuatan bagan, hasil, dan kesimpulan yang berkaitan dengan pertanyaan dan tujuan tinjauan.	ix
INTRODUCTION			
Rasional	3	Menjelaskan alasan tinjauan dalam konteks yang sudah diketahui. Jelaskan mengapa pertanyaan / tujuan tinjauan cocok untuk pendekatan <i>scoping review</i> .	5
Tujuan	4	Menyediakan pernyataan eksplisit tentang pertanyaan dan tujuan yang dibahas dengan mengacu pada elemen kunci (misalnya, populasi atau peserta, konsep, dan konteks) atau elemen kunci relevan lainnya yang digunakan untuk membuat konsep pertanyaan dan / atau tujuan tinjauan.	6
METHODS			
Protokol dan registrasi	5	Tunjukkan apakah protokol tinjauan ada; sebutkan jika dan di mana itu dapat diakses (misalnya, alamat Web); dan jika tersedia, berikan informasi pendaftaran, termasuk nomor pendaftaran.	n.a
Kriteria kelayakan	6	Tentukan karakteristik sumber bukti yang digunakan sebagai kriteria kelayakan (misalnya, tahun dipertimbangkan, bahasa, dan status publikasi), dan berikan alasannya.	52-53
Sumber informasi*	7	Jelaskan semua sumber informasi dalam pencarian (misalnya, database dengan tanggal cakupan dan kontak dengan penulis untuk mengidentifikasi sumber tambahan), serta tanggal pencarian terakhir dilakukan.	53
Pencarian	8	Sajikan strategi pencarian elektronik lengkap untuk setidaknya 1 database, termasuk batasan apa pun yang digunakan, sehingga dapat diulang.	55-56
Pemilihan sumber-sumber bukti†	9	Sebutkan proses untuk memilih sumber bukti (yaitu, penyaringan dan kelayakan) yang termasuk dalam <i>scoping review</i> .	61
Proses pembuatan grafik data‡	10	Jelaskan metode pembuatan bagan data dari sumber bukti yang disertakan (misalnya, formulir yang dikalibrasi atau formulir yang telah diuji oleh tim sebelum digunakan, dan apakah pembuatan bagan data dilakukan secara mandiri atau dalam rangkap) dan proses apa pun untuk memperoleh dan mengonfirmasi data dari penyelidik.	60 Lampiran tabel <i>eligible studies</i>
Item data	11	Buat daftar dan tentukan semua variabel yang datanya dicari serta asumsi dan penyederhanaan apa pun.	62

SECTION	ITEM	PRISMA-ScR CHECKLIST ITEM	REPORTED ON PAGE #
Penilaian kritis terhadap sumber bukti individu §	12	Jika dilakukan, berikan alasan untuk melakukan penilaian kritis terhadap sumber bukti yang disertakan; menjelaskan metode yang digunakan dan bagaimana informasi ini digunakan dalam sintesis data (jika sesuai).	Tidak dilakukan
Sintesis hasil	13	Jelaskan metode penanganan dan ringkasan data yang dipetakan.	79
RESULTS			
Pemilihan sumber bukti	14	Berikan jumlah sumber bukti yang disaring, dinilai kelayakannya, dan disertakan dalam tinjauan, dengan alasan pengecualian di setiap tahap, idealnya menggunakan diagram alir.	60-61
Karakteristik sumber bukti	15	Untuk setiap sumber bukti, tunjukkan karakteristik data yang dipetakan dan berikan kutipannya.	62, 75
Penilaian kritis dalam sumber bukti	16	Jika dilakukan, tunjukkan data penilaian kritis dari sumber bukti yang disertakan (lihat item 12).	Tidak dilakukan
Hasil sumber bukti individu	17	Untuk setiap sumber bukti yang disertakan, sajikan data relevan yang dipetakan yang terkait dengan pertanyaan dan tujuan tinjauan.	63, 76
Sintesis hasil	18	Meringkas dan / atau menyajikan hasil dalam bagan bagan yang berkaitan dengan pertanyaan dan tujuan tinjauan.	79-99
DISCUSSION			
Ringkasan bukti	19	Rangkum hasil utama (termasuk gambaran umum konsep, tema, dan jenis bukti yang tersedia), tautkan ke pertanyaan dan tujuan tinjauan, dan pertimbangkan relevansinya dengan kelompok kunci.	103
Keterbatasan	20	Diskusikan keterbatasan dalam proses penyusunan <i>scoping review</i> .	114
Kesimpulan	21	Memberikan interpretasi umum dari hasil sehubungan dengan pertanyaan dan tujuan tinjauan, serta implikasi potensial dan / atau langkah selanjutnya.	114
FUNDING			
Pendanaan	22	Jelaskan sumber pendanaan untuk sumber bukti yang disertakan, serta sumber pendanaan untuk tinjauan pelingkupan. Jelaskan peran penyandang dana tinjauan pelingkupan.	Tidak ada pendanaan

* Dari mana sumber bukti (lihat catatan kaki kedua) dikumpulkan, seperti database bibliografi, platform media sosial, dan situs Web.

† Istilah yang lebih inklusif / heterogen yang digunakan untuk menjelaskan berbagai jenis bukti atau sumber data (misalnya, penelitian kuantitatif dan / atau kualitatif, pendapat ahli, dan dokumen kebijakan) yang mungkin memenuhi syarat dalam tinjauan cakupan dan bukan hanya penelitian. Jangan bingung dengan sumber informasi (lihat catatan kaki pertama).

‡ Kerangka kerja oleh Arksey dan O'Malley (6) dan Levac dan rekan (7) dan panduan JBI (4, 5) mengacu pada proses ekstraksi data dalam tinjauan cakupan sebagai bagan data.

§ Proses pemeriksaan bukti penelitian secara sistematis untuk menilai validitas, hasil, dan relevansinya sebelum digunakan untuk menginformasikan keputusan. Istilah ini digunakan untuk item 12 dan 19 daripada "risiko bias" (yang lebih berlaku untuk tinjauan sistematis intervensi) untuk memasukkan dan mengakui berbagai sumber bukti yang dapat digunakan dalam tinjauan pelingkupan (misalnya, kuantitatif dan / atau penelitian kualitatif, pendapat ahli, dan dokumen kebijakan).

Self Assessment Checklist

Online Supplemental Material.

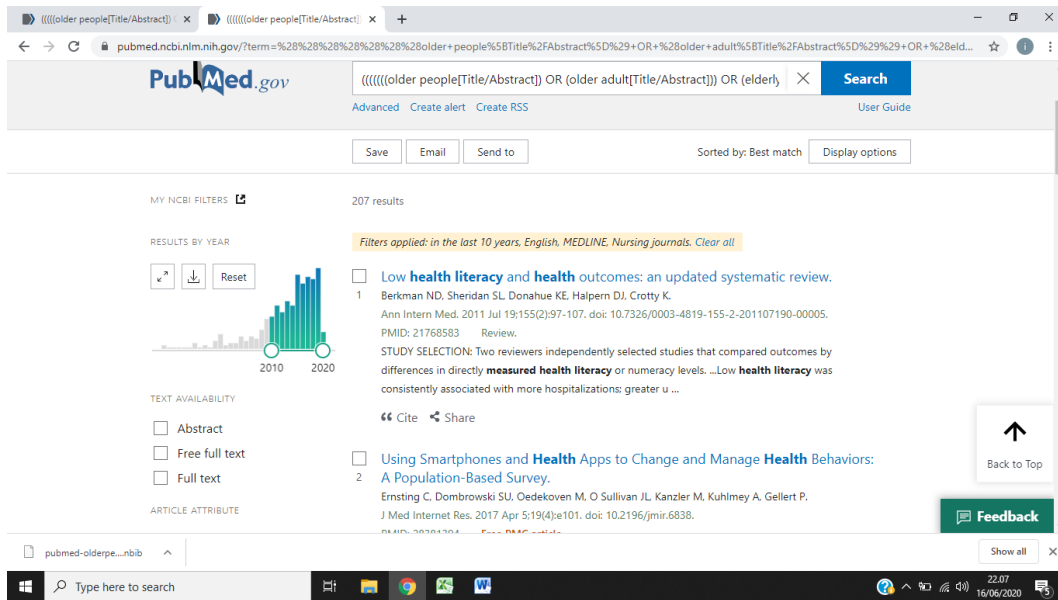
Table 3. The Scoping Review Checklist.

Key criteria	Checklist items	Score one point for each item
1. Study aim, purpose, and research question	1. The rationale/purpose for the scoping review was stated.	1
	2. Appropriate scoping review methodology was used.	1
	3. At least two reviewers conducted the review.	1
	4. The research question/s was/were used to guide the scope of inquiry (participants, concept, and context included?).	1
2. Relevant studies	5. An in-depth literature search was conducted to identify all relevant literature. ⁹	1
	6. A comprehensive list of relevant studies that balances breadth with feasibility was identified.	1
3. Study selection	7. The inclusion and exclusion criteria were clearly described and were used to determine eligibility of studies.	1
	8. The study selection involved an iterative process, including searching the literature, refining the search strategy, and reviewing articles for inclusion.	1
	9. At least two reviewers independently reviewed the title and abstracts and reached consensus on studies for inclusion.	1
	10. The study selection process was summarized in a flow chart.	1
4. Charting the data	11. The research team collectively developed a data charting format and determined which variables to extract to answer the research question.	1
	12. The data were charted through sifting and sorting; tables include study details based on full texts.	1
	13. A numerical analysis of the extent and nature of included studies was reported.	1
	14. The quality of papers was assessed.	0
5. Collating, summarizing, and reporting the results	15. Results were presented in a logical descriptive or diagrammatic or tabular format.	1
	16. A narrative account of results was presented.	1
	17. The results were aligned with the review aim, purpose/research question/s.	1
	18. Issues associated with bias were discussed.	0
	19. Implications for future research, education, practice, and/or policy were discussed.	1
	20. The conclusion described the current state of the overall literature in relation to the topic.	1

	Total	20 points
6. Optional stage: consultation	Stakeholder/participant voices were included in the review when appropriate. If included: 21. The process of stakeholder consultation was clearly described.	0
	22. Findings were re-examined in the light of stakeholder input, to justify final conclusions.	0
	Total	18 / 22 points
Additional guidance	<p>Additional guidance a. Item 4: Scoping reviews have a broad scope with even broader inclusion criteria, so participants may be selected from a wide group. The concept (area of interest/condition being explored, etc.) will also have a wide remit and the context may be left open, for example, any health care setting in any region.</p> <p>b. Item 5: This should include searches of an adequate number of different sources (databases/electronic sources, research registers; reference lists/hand searches, etc.).</p> <p>c. Item 14: Paper quality should also include a check to ensure that reports have not been retracted.</p>	

Lampiran 3. Screen Shot pencarian pada database

1. Pubmed



PubMed.gov search results for the query: (((((((older people[Title/Abstract]) OR (older adult[Title/Abstract])) OR (elderl...))

32 results

Filters applied: in the last 10 years, English. Clear all

RESULTS BY YEAR: Bar chart showing results from 2010 to 2020.

TEXT AVAILABILITY: Abstract, Free full text, Full text

ARTICLE ATTRIBUTE: 1 The effect of **health literacy** and self-management efficacy on the **health**-related quality of life of hypertensive patients in a western **rural** area of China: a cross-sectional study. Wang C, Lang J, Xuan L, Li X, Zhang L. Int J Equity Health. 2017 Jul 1;16(1):58. doi: 10.1186/s12939-017-0551-9. PMID: 28666443. Free PMC article. Clinical Trial. The validated three-item Brief **Health Literacy** Screening (BHL5) was used to **measure** the patients' **health literacy**. A structural equation model was constructed, and $p \leq 0.05$ was taken as significant. ...This may imply the necessary to introduce $r \dots$

2 Adaptation of problem-solving therapy for primary care to prevent late-life depression in Goa, India: the 'DILL' intervention.

Buttons: Save, Email, Send to, Sorted by: Best match, Display options, Feedback, Back to Top

PubMed.gov search results for the query: (((((((older people[Title/Abstract]) OR (older adult[Title/Abstract])) OR (elderl...))

8 results

Filters applied: in the last 10 years, English, MEDLINE, Nursing Journals. Clear all

RESULTS BY YEAR: Bar chart showing results from 2011 to 2020.

TEXT AVAILABILITY: Abstract, Free full text

ARTICLE ATTRIBUTE: 1 The effect of **health literacy** and self-management efficacy on the **health**-related quality of life of hypertensive patients in a western **rural** area of China: a cross-sectional study. Wang C, Lang J, Xuan L, Li X, Zhang L. Int J Equity Health. 2017 Jul 1;16(1):58. doi: 10.1186/s12939-017-0551-9. PMID: 28666443. Free PMC article. Clinical Trial. BACKGROUND: **Hypertension** is a common and frequently occurring **chronic disease** of the **cardiovascular** system. Besides the pathological factors, the occurrence and exacerbation of **hypertension** are also associated with many factors of lifestyle and ...

Buttons: Save, Email, Send to, Sorted by: Best match, Display options, Feedback, Back to Top

PubMed.gov search results for the query: (((((((older people[Title/Abstract]) OR (older adult[Title/Abstract])) OR (elderly...))

50 results

Filters applied: in the last 10 years, English, MEDLINE, Nursing Journals. Clear all

RESULTS BY YEAR: Bar chart showing results from 2010 to 2020.

TEXT AVAILABILITY: Abstract, Free full text

ARTICLE ATTRIBUTE: 1 Using Smartphones and **Health** Apps to Change and Manage **Health** Behaviors: A Population-Based Survey. Ernsting C, Dombrowski SU, Oedekoven M, O Sullivan JL, Kanzler M, Kuhlmeiy A, Gellert P. J Med Internet Res. 2017 Apr 5;19(4):e101. doi: 10.2196/jmir.6838. PMID: 28381394. Free PMC article. METHODS: A population-based survey (N=4144) among Germans, **aged** 35 years and **older**, was conducted. Sociodemographics, presence of **chronic** conditions, **health** behaviors, quality of life, and **health literacy**, as well as the use of the Intern ...

Buttons: Save, Email, Send to, Sorted by: Best match, Display options, Feedback, Back to Top

2. EBSCO

The image shows two screenshots of the EBSCO search interface. The top screenshot shows a search for "health literacy" with filters for "older adults or elderly or geriatric or geriatrics or aging" and "chronic disease or chronic illness or long term conditi...". The search results show a single article titled "1. ENHANCING THE IMPACT OF MOBILE HEALTH LITERACY INTERVENTIONS TO REDUCE HEALTH DISPARITIES." by Ownby, Raymond; Acevedo, Amarilis; Waldrop-Valverde, Drenna. The article is from the Quarterly Review of Distance Education, 2019, Vol. 20 Issue 1, p15-34. It includes 3 Black and White Photographs, 1 Diagram, 3 Charts, and 2 Graphs. The subjects listed are Educational intervention, Health literacy, Health status indicators, Health disparities, Older people, and Mobile apps. There are 78 cited references, and the full text is available in HTML (2.9MB) and PDF (2.9MB).

The bottom screenshot shows the same search for "health literacy" but with a different filter: "instruments or tools or measures or questionnaires or...". The search results show a single article titled "1. Literacy activity and health among older adults in the USA." by Yamashita, Takashi; Keene, Jennifer, R.; Moonie, Sheniz, A.; Shen, Jay J.; Pham, Jennifer, R.; Yoo, Ji Won. The article is from Educational Gerontology, Oct2018, Vol. 44 Issue 10, p627-638. It includes 1 Diagram and 2 Charts. The DOI is 10.1080/03601277.2018.1521077. The subjects listed are Reading, United States, Geriatric assessment, Health status indicators, Public health, Well-being, and Health literacy. There are 47 cited references, and the full text is available in HTML (948KB) and PDF (948KB).

3. Proquest

The image shows two screenshots of the ProQuest search interface. The top screenshot displays 21 search results for the query: "ab(health AND literacy) AND ab(senior citizens OR elderly OR older people OR aging) AND (instrument OR tools OR scale OR questionnaire) AND (chronic AND disease)". The search is filtered by date (2011-2020) and source type (Scholarly Journals). Two results are visible: 1. "The association between health information attitudes and skills in patients with chronic disease in China" by Wang, Fuzhi, et al. (2016). 2. "General practitioners' predictions of their own patients' health literacy: a cross-sectional study in Belgium" by Storms, Hannelore, et al. (2019). The bottom screenshot shows 34 results for the same query. It highlights the second result from the top screenshot, "General practitioners' predictions of their own patients' health literacy: a cross-sectional study in Belgium", and adds a second result: "SP0132 Measuring digital health literacy: why and how?" by Drossaert, C. (2018). The interface includes filters for relevance, full text, peer-reviewed, and source type, along with options to modify search, recent searches, and save alerts.

Google Translate x Perustakaan Nasional Republik x Search Results - ProQuest x Selected Items - ProQuest x +

Not secure | e-resources.perpusnas.go.id:2076/results/714C7C947F044691PQ/1?accountid=25704

Perustakaan Nasional RI

ProQuest Access provided by PERPUSTAKAAN NASIONAL INDONESIA

Basic Search Advanced Search Publications Browse Databases (5)

ab(health AND literacy) AND ab(senior citizens OR elderly OR older people OR aging OR senior adult OR geriatric)

Additional limits - Date: From 2011 to June 2020; Source type: Scholarly Journals; ... Show all

42 results

Sorted by Relevance

Limit to Full text Peer reviewed

Source type Scholarly Journals

Publication date Last 12 Months

Select 1-42 42 Selected items Clear

1 A cross-sectional study of the effect of health literacy on diabetes prevention and control among elderly individuals with prediabetes in rural China
Qin, Lulu; Xu, Huihan *BMJ Open*; London Vol. 6, Iss. 5, (2016).
... health literacy among elderly individuals with prediabetes in rural areas in ...
... poor health literacy concerning diabetes prevention and control among elderly ...
... literacy (OR 31.148, 95% CI 11.661 to 83.204). The level of diabetes health ...

2 Health literacy and 30-day hospital readmission after acute myocardial infarction
Bailey, Stacy Cooper; Fang, Gang; Annis, Izabela E; O'Connor, Rachel; Paasche-Orlow, Michael K; et al *BMJ Open*; London Vol. 5, Iss. 6, (2015).

22:12 17/06/2020

4. Cochrane library

Google Translate x Perustakaan Nasional Republik x Perustakaan Nasional Republik x Advanced Search | Cochrane Libr x +

cochranelibrary.com/advanced-search?cookiesEnabled

Cochrane Reviews 0 Cochrane Protocols 0 Trials 279 Editorials 0 Special collections 0 Clinical Answers 0 Other Reviews 0

For COVID-19 related studies, please also see the Cochrane COVID-19 Study Register

Year: Custom year range

243 Trials matching health in Title Abstract Keyword AND literacy in Title Abstract Keyword AND elderly OR older adult OR older people OR senior adult OR senior citizen in Title Abstract Keyword - (Word variations have been searched)

Cochrane Central Register of Controlled Trials
Issue 6 of 12, June 2020

Select all (243) Export selected citation(s)

Order by Relevancy Results per page 25

1 Effectiveness of the teach-back method for improving the health literacy of senior citizens in nursing homes
Japan journal of nursing science, 2018, 15(3), 195-202 | added to CENTRAL: 30 September 2019 | 2019 Issue 09
PubMed | Embase

2 Evaluation of teach-back method for improving health literacy of senior citizens in nursing

23:13 17/06/2020

5. Pencarian Science direct

The screenshot shows a ScienceDirect search interface. The search query is "health literacy AND (elderly OR older adult OR older person OR senio)". The results are sorted by relevance and date, showing 1,726 results. The interface includes a sidebar for refining results by year, with a list of years from 2011 to 2020. Two research articles are displayed, each with a title, author information, and options to view the abstract or export the document. The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons.


6. Garuda

The screenshot shows the Garuda search interface. The search query is "health literacy". The results are displayed in a list format, showing 38 documents. The interface includes a search bar, a filter by year section, and a list of search results. The first result is titled "HEALTH LITERACY AND SELF-CARE MANAGEMENT OF PREGNANT WOMEN AT LEVEL 1 HEALTH SERVICE IN MAKASSAR" by Gani, Nurul Fadhliah, Kadar, Kusriani, Kaelan, Cahyono. The second result is titled "GAMBARAN PENGETAHUAN, SIKAP, DAN HAMBATAN PERAWAT MENGENAI PELAKSANAAN HEALTH LITERACY DI RS TK II PELAMONIA MAKASSAR" by Srijamah, Nour, Kadar, Kusriani, Erika, Kadek Ayu. The interface includes a search bar, a filter by year section, and a list of search results. The browser's taskbar at the bottom shows the Windows logo, a search bar, and several application icons.

Lampiran 4. Surat Keterangan Review Komite Etik

<p style="text-align: center;"></p> <p style="text-align: center;">KOMISI ETIK PENELITIAN KESEHATAN HEALTH RESEARCH ETHICS COMMITTEE POLITEKNIK KESEHATAN MAKASSAR HEALTH POLYTECHNIC MAKASSAR</p> <p style="text-align: center;">REKOMENDASI PERSETUJUAN ETIK RECOMMENDATIONS FOR APPROVAL OF ETHICS "ETHICAL APPROVAL"</p> <p style="text-align: center;">No. : 00631/KEPK-PTKMKS/VIII/2020</p> <p>Komisi Etik Penelitian Kesehatan Politeknik Kesehatan Makassar dalam upaya melindungi hak asasi manusia subyek penelitian kesehatan, telah mengkaji dengan teliti dan seksama protokol yang berjudul :</p> <p><i>The Ethics Commission of the Health Polytechnic Makassar, with regards of the protection of Human Rights and welfare in medical research, has carefully reviewed the research protocol entitled :</i></p> <p style="text-align: center;">"Penggunaan Instrumen Untuk Mengukur Health Literacy Pada Lansia Dengan Penyakit Kronik: Scoping Review"</p> <p>Peneliti Utama : Isna Faradiba Putri, S.Kep, Ns <i>Principal Investigator</i></p> <p>Nama Institusi : Program Megister Universitas Hasanudin <i>Name of the Institution</i></p> <p>Telah menyetujui protokol tersebut di atas <i>Approved the above-mentioned protocol</i></p> <p style="text-align: right;">Makassar 31 Agustus 2020 (CHAIRMAN)  Dr. Rudy Hartono, SKM, M.Kes NIP. 19700613 199803 1 002</p> <p style="text-align: center;"></p>
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Lampiran 5. Surat Keterangan Publikasi

 **FAKULTAS KEPERAWATAN, UNIVERSITAS HASANUDDIN**
The 3rd INTERNATIONAL NURSING & HEALTH SCIENCE
STUDENTS & HEALTH CARE PROFESSIONALS CONFERENCE 2019
Jalan Perintis Kemerdekaan, Km 10, Gedung Fakultas Kedokteran, Lantai 5, 920245,
Makassar, Sulawesi Selatan, Indonesia
Website: <https://unhas.ac.id/keperawatan/nursing/index.php/inhsp2019>
E-mail: inhspunhas@unhas.ac.id

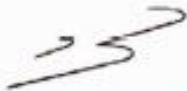
TO WHOM IT MAY CONCERN
No. 4411/UN4.18.1/PJ.00.01/2020


Universitas Hasanuddin in collaboration with La Trobe University-Australia, University of Salford Manchester, Komatsu University-Japan, and The University of Newcastle Australia, has the honor to host the 3rd International Nursing & Health Sciences Students & Health Care Professionals 2019 (The 3rd INHSP 2019) which was conducted in Makassar from 6th to 7th November 2019. The Conference was attended by approximately more than 150 participants and experts in nursing, physiotherapy, and other health sciences from at least five different countries, with a wide-ranging different background pursuing the interdisciplinary research that explores the theme of "Translating nursing and health science research into evidence-based practice in achieving SDGs"

The organizing committee would like to confirm the article submission of Mrs. Isna Faradiba Putri (NIM: R012181046) at this International Conference. For this occasion, she submitted a research paper titled: "Health Literacy Instruments Developed for The Elderly with Chronic Disease: A Literature Review". This research paper has already been ACCEPTED by the INHSP internal reviewer. Nevertheless, we'd like to extend the further invitation for her to submit her study as an original research article to a Journal (subject to editors' policy and peer reviews) called **Enfermeria Clinica** published by Elsevier at <https://www.journals.elsevier.com/enfermeria-clinica-english-edition>, through the 3rd INHSP 2019's Scientific Committee.

Finally, we'd like to thank him for participating in this International Conference. We look forward to seeing his paper being published in the Journal.

Sincerely yours,
Makassar, 19th August 2020


Saldy Yusuf, S.Kep., Ns., MHS., Ph.D.
Committee Chair


Rini Rachmawaty, S.Kep., Ns., MN., PhD
Vice Dean for Academic, Research & Innovation, Faculty of Nursing, Universitas Hasanuddin

No.	Author	Year	Title	Aim	Population (age)	Disease/topic	instrumen	Location	Inklusi?	kategori
1	Adams, et al	2013	Functional health literacy mediates the relationship between socio-economic status, perceptions and lifestyle behaviors related to cancer risk in an Australian population	To determine if functional health literacy (FHL) mediates the relationship between socio-economic status, and perception of the risk of lifestyle behaviors for cancer	≥15	Cancer	NVS	Australia	No	sampel <60
2	Adini, et al	2019	Ethnic inequality within the elderly population in utilizing healthcare services.	To investigate the impact of perceived trust/distrust in the healthcare system of elderly patients from minority ethnicities on their willingness to consume medical services.	article	Healthcare utilization	n.a	n.a	No	Review
3	Agarwal et al	2018	Assessing health literacy among older adults living in subsidized housing: a cross-sectional study	Assessing functional literacy levels among older adults in subsidized housing	≥55	n.a	NVS-UK	Ontario, Canada	No	bukan penyakit kronik
4	Aihara et al	2011	Barriers and catalysts of nutrition literacy among elderly Japanese people.	To assessing barriers and catalyst of nutrition literacy	≥75	Nutrition	Japanese Food Guide Spinning Top	Kanagawa, Japan	No	bukan penyakit kronik
5	Al Sayah et al	2016	Health Literacy, Pedometer, and Self-Reported Walking Among Older Adults.	To examined the association of health literacy with physical activity and physical activity guideline adherence in older adults.	≥55	Physical activity	The brief HL screening questions (3 item)	Alberta, Canada	No	bukan penyakit kronik
6	Alam, et al	2019	Determinants of access to eHealth services in regional Australia	To investigates the current state and predictors of eHealth service access in regional Australia	≥18	Digital Literacy	n.a	Australia	No	digital literacy
7	Andrade et al	2017	Application of the Health Literacy INDEX on the development of a manual for prevention of falls for older adults.	To developed an improved manual for prevention of falls for low-health literacy older people entitled "Preventing falls-I can do it", with the aid of INDEX	not human	Fall risk	HL index tools	Portugal	No	bukan penyakit kronik
8	Aponte, et al	2017	Validating an electronic health literacy scale in an older hispanic population.	To examine the validity of the Spanish version of an instrument used to measure electronic health literacy (eHEALS) with an older Hispanic population	≥55	Digital Literacy	eHEALS	USA	No	digital literacy
9	Aranha, et al	2015	Health literacy and cardiovascular disease risk factors among the elderly : A study from a patient-centered medical home	To determine the HL level of elderly patients and establish whether an association exists between HL and cardiovascular disease risk factors (CVDRFs).	≥60	Cardiovaskuler	S-TOFHLA NLS	Michigan, USA	yes	
10	Aydin, et al	2015	The Role of Health Literacy in Access to Online Health Information	to explain the role of health literacy in accessing health information via web.	article	Online Health Information	n.a	n.a	No	Review
11	Bailey, et al	2015	Health literacy and 30-day hospital readmission after acute myocardial infarction	To assess the validity of a predictive model of health literacy, and to examine the relationship between derived health literacy estimates and 30-day hospital readmissions for acute myocardial infarction (AMI)	≥55	Cardiovaskuler	REALM TOFHLA NVS	Chicago, USA	No	sampel <60
12	Banburry, et al	2020	Adding value to remote monitoring: Co-design of a health literacy intervention for older people with chronic disease delivered by telehealth - The telehealth literacy project.	To co-design, test and evaluate a health literacy, chronic disease self-management and social support intervention for older people delivered by group videoconferencing into the home.	≥50	General Chronic Disease	HLQ	Australia	No	sampel <60
13	Bartlam, et al	2016	Lay Health Trainers Supporting Self-Management amongst Those with Low Health Literacy and Diabetes: lessons from a Mixed Methods Pilot, Feasibility Study	To explore if the intervention was considered acceptable to patients, health care practitioners (service managers and practice nurses), and LHTs	n.a	Diabetes	NVS	UK	No	sampel <60
14	Berenfeld, et al	2017	Supporting decision-making by a health promotion programme: Experiences of persons ageing in the context of migration	to understand programme outcomes, the study aimed to explore the participants' everyday experiences of using health-promoting messages exchanged during the programme	≥70	n.a	n.a	Swedia	No	Tidak melaporkan instrumen
15	Berkman, et al	2011	Low Health Literacy and Health Outcomes: An Updated Systematic Review	To update a 2004 systematic review and determine whether low health literacy is related to poorer use of health care, outcomes, costs, and disparities in health outcomes among persons of all ages	article	n.a	n.a	n.a	No	Review
16	Black, et al	2016	Challenging a Statistic: Why should we accept that 60 percent of adult Australians have low health literacy?	To discussed is the use of a criterion level (level 3) to determine the point below which nearly 60 percent of Australian adults can be considered to have inadequate health literacy	article	n.a	n.a	n.a	No	Review
17	Black, et al	2013	Health literacy and social capital: what role for adult literacy partnerships and pedagogy?	This paper focuses on health literacy in Australia, and in particular, the role of adult literacy practitioners (in this paper we include numeracy within the broader use of the term literacy)	article	n.a	n.a	n.a	No	Review
18	Black, S	2012	Diabetes literacy: health and adult literacy practitioners in partnership.	The main focus of the paper is on how these two partners managed to work together effectively within an integrated literacy approach focusing on the situated health needs of selected CALD communities.		Diabetes		Australia	No	Tidak melaporkan instrumen

19	Blakemore, et al	2016	Patient activation in older people with long-term conditions and multimorbidity: correlates and change in a cohort study in the United Kingdom.	to describe levels of patient activation in the cohort, and to explore factors that predict change in activation over time.	≥65	Longterm condition: Asthma, COPD, HF, DM, HBP, Poor circulation, Stroke	SILS	Salford, UK	yes	
20	Bonaccorsi, et al	2019	Functional health literacy in a population-based sample in Florence: a cross-sectional study using the Newest Vital Sign	To assess the level of functional health literacy (HL) and its antecedents and consequences in an adult population-based sample	≥18	General	NVS Italian	Italy	No	sampel <60
21	Bonderski, et al	2018	Pharmacy-Based Approach to Improving Heart Failure Medication Use by Older Adults with Limited Health Literacy: Learning from Interdisciplinary Experience.		article	Heart Failure	n.a	n.a	No	Review
22	Boyas, et al	2013	Correlates of Health Literacy among Latinos in Arkansas.	To examine how acculturation and sociodemographic characteristics contribute to the health literacy of Latinos adults.	≥18	n.a	The brief HL screening questions (7 item)	Arkansas, USA	No	bukan penyakit kronik
23	Bozkurt et all	2019	Health literacy among older persons in Turkey.	To investigate the health literacy and cognitive functions of individuals age 65 and over and the relationship between them	≥65	n.a	HLS-EU-Q Turkey Version	Turkey	No	bukan penyakit kronik
24	Brega, et al	2012	Mechanisms underlying the relationship between health literacy and glycemic control in American Indians and Alaska Natives	To understand why HL is related to outcomes, we tested a theoretical framework proposing that diabetes-related knowledge and behavior mediate (explain) the relationship between HL and glycemic control (i.e., A1c).	≥18	Diabetes	7 questionnaire items	Colorado	No	sampel <60
25	Brega, et al	2012	Special diabetes program for Indians: reliability and validity of brief measures of print literacy and numeracy	investigated the psychometric properties of brief, written tests of two components of health literacy--print literacy and numeracy--among American Indians and Alaska Natives.	n.a	n.a	n.a	n.a	No	tidak full text
26	Brice, et al	2014	Single-item or two-item literacy screener to predict the S-TOFHLA among adult hemodialysis patients	We compared single-item (SILS) and two-item (TILS) literacy screeners in predicting Short Test of Functional Health Literacy in Adults (S-TOFHLA) scores	≥18	Dialysis	SILS TILS S-TOFHLA	North Carolina	No	sampel <60
27	Brooks et al	2017	The importance of building trust and tailoring interactions when meeting older adults' health literacy needs.	Qualitatively explored the views and experiences of older adults with varying health literacy levels who had attended a falls clinic on their overall experience of the falls clinic, access to the service and provider-patient interaction.	≥65	Fall risk	NVS-UK REALM (short version)	South of England	No	bukan penyakit kronik
28	Cadorin, et al	2020	Evaluating self-directed learning abilities as a prerequisite of health literacy among older people: Findings from a validation and a cross-sectional study.	To validate a tool measuring self-directed learning (SDL) abilities and to determine these abilities among older individuals attending the University of the Third Age	≥65	n.a	The Self-Rating Scale of Self-Directed Learning (SRSSDL)	North East Italy	No	bukan penyakit kronik
29	Chau, et al	2015	Development and Validation of Chinese Health Literacy Scale for Low Salt Consumption-Hong Kong Population (CHLSalt-HK).	to develop and validate the Chinese Health Literacy Scale for Low Salt Consumption-Hong Kong population (CHLSalt-HK)	≥65	Salt consumption	CHLSalt-HK	Hong Kong	No	bukan penyakit kronik
30	Chau, et al	2017	Preference of Food Saltiness and Willingness to Consume Low-Sodium Content Food in a Chinese Population.	To compare the preference of food saltiness and the willingness to consume low-sodium food among hypertensive older people, non-hypertensive older people and non-hypertensive young people in a Chinese population	≥18	Low salt consumption	CHLSalt-HK	China	No	sampel <60
31	Chesser, et al	2016	Navigating the digital divide: A systematic review of eHealth literacy in underserved populations in the United States.	to assess the current body of empirical knowledge regarding eHealth literacy and its associated factors in underserved populations in USA in order to identify gaps and areas for potential future research	n.a	eHealth	n.a	n.a	No	Review
32	Chinn, et al	2011	Critical health literacy: A review and critical analysis	to evaluating health literacy skills, and to offer convincing evidence that investment in programmes designed to enhance critical health literacy are worthwhile.	article	Critical HL	n.a	n.a	No	Review
33	Chung, et al	2015	Development and validation of the health literacy assessment tool for older people in Taiwan : Potential impacts of cultural differences	To screen health literacy among urban elderly in Taiwan, who cannot be evaluated easily using the current measurement tools because of the "face", which meant someone felt embarrassed if he did not know how to do something	≥60	not specific	s-MHLS	China	No	bukan penyakit kronik
34	Cohn, et al	2018	Health literacy, cognition, and urinary incontinence among geriatric inpatients discharged to skilled nursing facilities.	To investigate the association between health literacy and cognition and nursing and patient-reported incontinence	≥60	Inkontinensia	The brief HL screening questions (3 item)	North Nashville, Tennessee	No	bukan penyakit kronik
35	Coley, et al	2019	Older Adults' Reasons for Participating in an eHealth Prevention Trial: A Cross-Country, Mixed-Methods Comparison	To explore older adults' reasons for participating in a multinational eHealth prevention trial, and compare motivations between countries.	≥65	eHealth	n.s	Finland, France, Netherland	No	digital literacy
36	Coll-Planas et all	2018	Promoting self-management, health literacy and social capital to reduce health inequalities in older adults living in urban disadvantaged areas: protocol of the randomised controlled trial AEQUALIS.	To develop and assess the effectiveness of a complex intervention based on a community programme that promotes self-management, health literacy and social capital targeting older people	≥60	n.a	HLS-EU-Q16	Barcelona, Spain	No	bukan penyakit kronik

37	Connor, et al	2013	Functional health literacy in Switzerland--validation of a German, Italian, and French health literacy test.	to translate and validate German, Italian, and French versions of the Short-Test of Functional Health Literacy (S-TOFHLA), to be used in Switzerland and its neighboring countries.	≥18	General	S-TOFHLA	Switzerland	No	sampel <60
38	Costa, er al	2019	Functional health literacy in hypertensive elders at primary health care	to assess the relationship between inadequate functional health literacy and inadequate blood pressure control in older people with hypertension in Primary Health Care	≥60	Hypertension	SAHLPA-18	Gama city, Brazil	yes	
39	Cronin, et al	2011	Readability level of patient information leaflets for older people.	to assess the readability level of patient information leaflets in Ireland	not human	n.a	The SMOOG formula	Ireland	No	bukan penyakit kronik
40	Crown, et al	2018	Self-Stigma, Mental Health Literacy, and Health Outcomes in Integrated Care.	To explored relationship among mental health literacy, self-stigma of mental illness, self-stigma of seeking help, and health outcomes in a sample of patients from an integrated care facility	≥18	Mental health	The Mental Health Knowledge Schedule	USA	No	Mental health literacy
41	Da silva, et al	2019	HEALTH LITERACY ON KIDNEY DISEASE IN A REGION OF PORTUGAL: RESULTS OF A CROSS-SECTIONAL STUDY	to investigate the levels of knowledge of the general population about CKD in a region of Portugal	≥18	CKD	n.a	Portugal	No	tidak full text
42	Davis, et al	2020	Demographic and psychosocial factors associated with limited health literacy in a community-based sample of older Black Americans	To examined the frequency of limited health literacy and demographic and psychosocial factors associated with limited health literacy in a sample of older Black Americans	≥50	Cancer	REALM-R	USA	No	sampel <60
43	Delavar, et al	2020	The effects of self-management education tailored to health literacy on medication adherence and blood pressure control among elderly people with primary hypertension: A randomized controlled trial.	To evaluate the effects of self-management education tailored to health literacy on medication adherence and blood pressure control.	≥60	Hypertension	HELIA Scale	Tehran, Iran	yes	
44	Delgado, et al	2017	Health Literacy in Older Latinos With Heart Failure: A Systematic Review.	To analyzed the literature studying older Latinos with HF and limited HL	article	Heart Failure	n.a	n.a	No	Review
45	Della, et al	2018	Health literacy among caregivers of patients with heart failure: A multicentre cross-sectional survey.	To assess the levels of health literacy of Italian caregivers of patients with heart failure	≥18	Heart Failure	S-TOFHLA italian	Italy	No	sampel <60
46	Deniz, et al	2018	Effect of Health Literacy on Health Perception: An Application in Individuals at Age 65 and Older.	To look through the effects of health literacy levels of individuals age 65 years and older on their health perceptions	≥65	n.a	HLS by Toci et Al	Burdur Province, Turkey	No	bukan penyakit kronik
47	Diviani, et al	2012	First insights on the validity of the concept of Cancer Literacy: a test in a sample of Ticino (Switzerland) residents.	To develop a measure of Cancer Literacy and have a first insight into the validity of the concept	≥15	Cancer	CLS	Switzerland	No	sampel <60
48	Doekhie, et al	2020	Elderly patients' decision-making embedded in the social context: a mixed-method analysis of subjective norms and social support	To explore how social context (i.e. subjective norms and social support) relates to how the patient perceives their role in the decision-making process. and the level of alignment on subjective norms between patients and their informal caregivers and nurses.	≥60	n.a	HLQ	Rotterdam, Netherland	No	bukan penyakit kronik
49	Drossaert, et al	2018	Measuring digital health literacy, why and how?	To explore why it is important to measure digital health literacy and discuss the different aims of measuring	article	Digital Literacy	n.a	n.a	No	Review
50	Eckman, et al	2012	Impact of health literacy on outcomes and effectiveness of an educational intervention in patients with chronic diseases	Study impact of health literacy on educational intervention for patients "Living with Coronary Artery Disease.	≥18	Cardiovaskuler	REALM	USA	No	sampel <60
51	Emtekaer, et al	2015	Validation of the Test of Functional Health Literacy in Adults in a Danish population.	To describe how the original American full-length version of the Test of Functional Health Literacy in Adults (TOFHLA) was translated and adapted for use in the Danish setting and culture	≥18	COPD	TOFHLA	Denmark	No	sampel <60
52	Eneanya et al	2016	Health Literacy and Education as Mediators of Racial Disparities in Patient Activation Within an Elderly Patient Cohort.	To investigate whether health literacy and education would mediate racial differences in patient activation	≥65	Physical activity	TOFHLA	Boston	No	bukan penyakit kronik
53	Eng, et al	2013	Health literacy did not influence effectiveness of computer telephony-based post-discharge support	to tested to see if health literacy influenced the effectiveness of the intervention in a recent clinical trial using IVRS to support COPD patients	n.a	COPD	n.a	n.a	No	tidak full text
54	Erickson, et al	2012	Health information literacy in everyday life: a study of Finns aged 65-79 years.	To examines the health information literacy of elderly Finns	≥65	Information literacy	e-HEALS	Finland	No	bukan penyakit kronik
55	Fawns-Ritchie, et al	2018	Health literacy, cognitive ability and smoking: A cross-sectional analysis of the English Longitudinal Study of Ageing	To investigate whether health literacy and cognitive ability independently predicted whether participants have ever smoked and, in ever smokers, whether participants still smoked nowadays	≥50	Smoking	4 item comprehension test	England	No	bukan penyakit kronik
56	Federman, et al	2014	Self-management behaviors in older adults with asthma: Associations with health literacy	To examined self-management behaviors, including medication adherence and inhaler technique, among older adults and their association with health literacy.	≥60	Asthma	S-TOFHLA	NY, Chicago, USA	yes	
57	Federman, et al	2014	Asthma outcomes are poor among older adults with low health literacy.	To examine the association of health literacy (HL) with asthma outcomes among older asthmatics.	≥60	Asthma	S-TOFHLA	NY, Chicago, USA	yes	

58	Federman, et al	2013	The association of health literacy with illness and medication beliefs among older adults with asthma.	to test the hypothesis that low health literacy is associated with erroneous asthma beliefs that have been previously linked to poor asthma medication adherence and asthma outcomes.	≥60	Asthma	S-TOFHLA	NY, Chicago, USA	yes	
59	Feinberg, et al	2018	Health Literacy and Adults With Low Basic Skills.	to analyze oral communication patterns between patients with varying degrees of individual health literacy (how patients access, understand, and use health information) and their health providers	≥18	Diabetes	REALM	USA	No	sampel <60
60	Fernandez, et al	2016	Associations between health literacy and preventive health behaviors among older adults: findings from the health and retirement study.	To examine relationships between health literacy and health perceptions, and between health literacy and health behaviors in	≥50	n.a	TOFHLA	USA	No	bukan penyakit kronik
61	Fransen, et al	2014	International application of health literacy measures: Adaptation and validation of the newest vital sign in The Netherlands	to create a Dutch version (NVS-D) and to assess its feasibility, reliability, and validity in The Netherlands	≥18	General	NVS HLS-EU-Q16	Netherlands	No	sampel <60
62	Friis, et al	2016	Gaps in understanding health and engagement with healthcare providers across common long-term conditions: a population survey of health literacy in 29,473 Danish citizens.	quantify levels of subjective health literacy in people with long-term health conditions (diabetes, cardiovascular disease, chronic obstructive pulmonary disease, musculoskeletal disorders, cancer and mental disorders) and compare these to levels in the general population	≥25	Longterm condition: Asthma, COPD, HF, DM, HBP, Poor circulation, Stroke	HLQ	Denmark	No	sampel <60
63	Friis, et al	2019	Health literacy, multimorbidity, and patient-perceived treatment burden in individuals with cardiovascular disease. A Danish population-based study	to investigate the association between: 1) multimorbidity and high treatment burden 2) health literacy and high treatment burden, and 3) the interaction between multimorbidity and health literacy in relation to high treatment burden.	≥25	Cardiovaskuler	HLQ	Denmark	No	sampel <60
64	Galesic, et al	2011	Graph literacy: a cross-cultural comparison.	related graph literacy and investigate the level of graph literacy in the United States and Germany	≥25	n.a	Graph Literacy Scale	German	No	sampel <60
65	Garcia, et al	2016	Health literacy associations between Hispanic elderly patients and their caregivers.	To examined the association of health literacy levels between older Hispanic patients and their caregivers	≥65	n.a	S-TOFHLA	San Antonio, Texas, USA	No	bukan penyakit kronik
66	Geboers, et al	2016	The association between health literacy and self-management abilities in adults aged 75 and older, and its moderators.	To assessed the association between health literacy and self-management abilities among adults aged 75 and older, and the impact of demographic factors, socioeconomic factors, and health status on this association.	≥75	not spesifik	The brief HL screening questions (3 item)	Gronigen, Netherland	No	bukan penyakit kronik
67	Geltman, et al	2013	The Impact of Functional Health Literacy and Acculturation on the Oral Health Status of Somali Refugees Living in Massachusetts.	To assessed the impact of health literacy and acculturation on oral health status of Somali refugees in Massachusetts.	≥18	Oral health	S-TOFHLA	Massachusetts, USA	No	Oral health literacy
68	Ghaddar, et al	2018	Health insurance literacy and awareness of the Affordable Care Act in a vulnerable Hispanic population	To examine the association between HIL and ACA knowledge.	≥18	Health Insurance Literacy	SILS eHEALS Health insurance literacy Measeure	Texas dan Mexico	No	financial literacy
69	Ghisi, et al	2020	Effectiveness of an education intervention associated with an exercise program in improving disease-related knowledge and health behaviours among diabetes patients	To assess the effectiveness of an education intervention associated with an exercise program in improving knowledge and health behaviours among diabetes patients.	≥18	Diabetes	METER NVS	Toronto, Canada	No	sampel <60
70	Goessl, et al	2019	Effectiveness of DVD vs. group-initiated diabetes prevention on information uptake for high & low health literacy participants	To evaluates the effectiveness of technology versus in-person, group-initiated diabetes prevention to enhance comprehension of learning objectives between patients with differing health literacy (HL).	≥18	Diabetes	NVS	Southwest Virginia	No	sampel <60
71	Guo, et al	2014	Health Literacy: A Pathway to Better Oral Health.	To examined whether health literacy was associated with self-rated oral health status and whether the relationship was mediated by patient– dentist communication and dental care patterns	≥25	Oral health	The brief HL screening questions (3 item)	Florida, USA	No	Oral health literacy
72	Gupta, et al	2016	Disparities in Age-Associated Cognitive Decline Between African-American and Caucasian Populations: The Roles of Health Literacy and Education.	To examine health literacy as a mediator of racial disparities in cognitive decline as measured by executive function in elderly adults	≥65	Cognitive decline	S-TOFHLA	Boston, Massachusetts	No	bukan penyakit kronik
73	Gutierrez, et al	2014	Health Literacy, Health Information Seeking Behaviors and Internet Use Among Patients Attending a Private and Public Clinic in the Same Geographic Area.	To measure health literacy of patients attending two clinics in Dallas, TX and determine associations between health literacy, health information access and internet usage before and after controlling for confounders	≥18	n.a	NVS The brief HL screening questions (3 item)	Texas	No	sampel <60
74	Gwynn, et al	2016	Racial disparities in patient activation: Evaluating the mediating role of health literacy with path analyses.	To determine if health literacy mediates the relationship between race and patient activation.	≥65	n.a	S-TOFHLA	Boston	No	bukan penyakit kronik
75	Hadden, et al	2018	Health literacy and surgery expectations in total hip and knee arthroplasty patients	To assessed patients' health literacy and expectations for total hip (THA) and total knee (TKA) replacement surgery	>18	Arthroplasty Surgery	NVS	Arkansas, USA	No	bukan penyakit kronik

76	Hadden, et al	2018	Rationale and development of a randomized pragmatic trial to improve diabetes outcomes in patient-centered medical homes serving rural patients	To Test the effectiveness of the ACP diabetes health literacy intervention to improve a range of diabetes-related outcomes among rural patients	≥21	Diabetes	NVS	Arkansas, USA	No	sampel <60
77	Hadden, et al	2020	Implementation of a health-literate patient decision aid for chest pain in the emergency department	To investigate the implementation of a new health-literacy-tested patient decision aid for chest pain in Emergency Department (ED) patients.	≥21	Cardiovaskuler	NVS	Arkansas, USA	No	sampel <60
78	Halbach, et al	2016	Health literacy and fear of cancer progression in elderly women newly diagnosed with breast cancer-A longitudinal analysis	to investigate the distribution of health literacy levels and the association of health literacy with fear of cancer progression (FoP) over the course of cancer treatment in a sample of elderly women newly diagnosed with breast cancer.	≥65	Cancer	HLS-EU-Q16	German	yes	
79	Halladay, et al	2017	The association of health literacy and blood pressure reduction in a cohort of patients with hypertension: The heart healthy lenoir trial	To tested if a multilevel quality improvement intervention could differentially improve Systolic Blood Pressure (SBP) more so in patients with low vs. higher health literacy	≥18	Hypertension	S-TOFHLA	North Carolina	No	sampel <60
80	Halverson, et al	2013	Health literacy and urbanicity among cancer patients.	To exploring the relationship between health literacy and place of residence (urbanicity).	≥18	Cancer	The brief HL screening questions (4 item)	Wisconsin	No	sampel <60
81	Han, et al	2017	Breast and Cervical Cancer Screening Literacy Among Korean American Women: A Community Health Worker-Led Intervention.	To test a community health worker (CHW)-led health literacy intervention on mammogram and Papanicolaou test screening among Korean American women	≥21	Cancer	The Assessment of Health Literacy in Cancer Screening.	Baltimore, USA	No	sampel <60
82	Harbour, et al	2018	Health literacy of the baby boomer generation and the implications for nursing	To investigate the health literacy of the baby boomer generation and what this means for nursing care	article		n.a	n.a	No	Review
83	Harrington, et al	2014	A conceptual model of verbal exchange health literacy	To address a gap in understanding of verbal exchange (oral and aural) health literacy by describing the systematic development of a verbal exchange health literacy (VEHL) definition and model which hypothesizes the role of VEHL in health outcomes.	article	Oral Literacy	n.a	n.a	No	Review
84	Heijmans, et al	2015	Functional, communicative and critical health literacy of chronic disease patients and their importance for self-management	To provide insight into the level of health literacy among chronic disease patients in the Netherlands, to identify subgroups with low literacy and to examine the associations between health literacy and self-management	≥15	General Chronic Disease	The Dutch FCCHL	Netherlands	No	sampel <60
85	Hochhauser, et al	2019	Health literacy in an Israeli elderly population.	To examine the level of health literacy within the elderly population	≥65	n.a	HLS-EU-Q16	Israel	No	bukan penyakit kronik
86	Horne, et al	2015	Effect of patient navigation on colorectal cancer screening in a community-based randomized controlled trial of urban African American adults	To investigated the effect of patient navigation on increasing CRC screening adherence among older African Americans.	≥65	Cancer	REALM-R	Maryland, USA	yes	
87	Horowitz, et al	2012	Oral health literacy: a pathway to reducing oral health disparities in Maryland.	To explore the implications of oral health literacy for improving oral health through dental practices	article	Oral Literacy	n.a	n.a	No	Review
88	Hu, et al	2019	A Case-Control Study on Risk Factors and Their Interactions with Prediabetes among the Elderly in Rural Communities of Yiyang City, Hunan Province.	To identify risk factors for prediabetes and their interactions among the elderly in rural communities of Hunan Province	≥60	Prediabetes	HLDMP (The Questionnaire of Health Literacy of Diabetes Mellitus of the Public)	Hunan Province, China	No	bukan penyakit kronik
89	Hu, et al	2019	Association between diabetes-specific health literacy and health-related quality of life among elderly individuals with pre-diabetes in rural Hunan Province, China: a cross sectional study	To examine the association between diabetes-specific health literacy (DSHL) and health-related quality of life (HRQoL) among elderly individuals with pre-diabetes	≥60	Prediabetes	DSHL (diabetic specific health literacy)	Hunan Province, China	No	bukan penyakit kronik
90	Hu, et al	2019	Associated risk factors and their interactions with type 2 diabetes among the elderly with prediabetes in rural areas of Yiyang City: A nested case-control study.	To explore associated risk factors and their interactions with type 2 diabetes (T2DM) among the elderly with prediabetes in rural areas in China	≥60	Prediabetes	DSHL (diabetic specific health literacy)	Hunan Province, China	No	bukan penyakit kronik
91	Huang, et al	2019	The impact of health literacy on knowledge, Attitude and decision towards hospice care among community-dwelling seniors.	To investigate the relationships between health literacy and hospice knowledge, attitude and decision in community-dwelling elderly participants.	≥65	Hospice care	HLS-EU-Q16 Mandarin Version	China	No	bukan penyakit kronik
92	Huang, et al	2018	A path model linking health literacy, medication self-efficacy, medication adherence, and glycemic control	To investigate whether medication self-efficacy moderates or mediates the relationship between health literacy and medication adherence	≥20	Diabetes	NVS	USA	No	sampel <60
93	Huang, et al	2015	Validation of the short-form Health Literacy Scale in patients with stroke.	To validate a Mandarin version of the short-form Health Literacy Scale (SHEAL) in patients with stroke	≥20	Stroke	SHEAL	Taiwan	No	sampel <60
94	Hunter, et al	2012	Health Literacy as a Complex Practice.	reports on findings of an ongoing study of health literacy demands in the Midlands region of the North Island of New Zealand, an area of high ethnic and socio-economic diversity	article	Diabetes and Cardiovasculer	n.a	New Zealand	No	Review
95	Ilgun, et al	2015	Health Literacy	In this study, the health literacy will be investigated and the importance of health literacy will be state.	article	n.a	n.a	n.a	No	Review
96	Ishikawa, et al	2011	The relationship of patient participation and diabetes outcomes for patients with high vs. low health literacy	To examine whether patient participation in medical consultations have differing effects on self-efficacy and diabetes control by the level of patient communicative health literacy (CHL)	≥18	Diabetes	CHL	Japan	No	sampel <60

97	Jacobson, et al	2016	Predictors of English Health Literacy among U.S. Hispanic Immigrants: The importance of language, bilingualism and sociolinguistic environment.	To examine the predictors of English health literacy among adult Hispanic immigrants whose self-reported primary language is Spanish, but who live and function in a bilingual community	≥21	n.a	TOFHLA	USA	No	sampel <60
98	Jeong, et al	2016	Health literacy and barriers to health information seeking: A nationwide survey in South Korea.	To identify the level of health literacy and barriers to information seeking and to explore the predictors of health literacy.	≥20	n.a	NVS Korean	Korea	No	sampel <60
99	Jewitt, et al	2016	Development and Evaluation of Patient Education Materials for Elderly Lung Cancer Patients.	To assessed patient's opinions of pamphlet effectiveness through self-report questionnaires	≥18	Cancer	REALM-SF	Canada	No	sampel <60
100	Jordan, et al	2013	The health literacy management scale (HeLMS): a measure of an individual's capacity to seek, understand and use health information within the healthcare setting.	To describes the development and psychometric testing of the health literacy management scale (HeLMS)	≥25	General Chronic Disease	HeLMS	Australia	No	sampel <60
101	Kale, et al	2015	The association of health literacy with illness and medication beliefs among patients with chronic obstructive pulmonary disease	to determine the association, if any, of health literacy and health beliefs among elderly individuals with COPD	≥55	COPD	S-TOFHLA	NY, Chicago, USA	No	sampel <60
102	Kamimura, et al	2016	The Role of Health Literacy in Reducing Negative Perceptions of Breast Health and Treatment Among Uninsured Primary Care Patients.	To examine the association between health literacy and negative perceptions of breast health and treatment among female uninsured primary care patients utilizing a free clinic for underserved populations	≥40	Cancer	The brief HL screening questions (17 item)	USA	No	sampel <60
103	Kamimura, et al	2013	Patients Utilizing a Free Clinic: Physical and Mental Health, Health Literacy, and Social Support	To assessed the physical and mental health, health literacy and social support of the uninsured utilizing a free clinic to develop intervention programs and research projects to improve the health of free clinic patients	≥18	Physical and Mental health	The brief HL screening questions (16 item)	USA	No	bukan penyakit kronik
104	Kang, et al	2018	Validation of the health literacy scale for diabetes as a criterion-referenced test with standard setting procedures.	To develop and examine the psychometric properties of the Korean Health Literacy Scale for Diabetes Mellitus (KHLSDM), and to establish reasonable cutoff scores.	≥40	Diabetes	KHLS-DM	Korea	No	sampel <60
105	Kanoya, Y	2016	Evaluation of the effectiveness of booklet-based health guidance on elderly Japanese-Brazilians	n.a	≥65	n.a	n.a	South Amerika	No	tidak full text
106	Kanoya, Y	2018	The effect of health guidance using booklet for elderly Japanese ancestry in Brazil	n.a	≥65	n.a	n.a	South Amerika	No	tidak full text
107	Kaphingst, et al	2014	Effect of cognitive dysfunction on the relationship between age and health literacy.	To explore the relationship between HL and cognitive disfunction among older	≥18	Cognitive decline	SILS	USA	No	bukan penyakit kronik
108	Katz, et al	2013	Health literacy among the Amish: measuring a complex concept among a unique population.	To compare the health literacy among Amish to non-Amish adults living in Ohio Appalachia to understand its potential contribution to poorer health behaviors	≥21	Cancer	REALM	USA	No	sampel <60
109	Kaur, Navdeep	2019	Impact of photonovel interventions among people with low levels of health literacy: A literature review.	To describe the impact of photonovel interventions among people with low levels of health literacy	article	n.a	n.a	n.a	No	Review
110	Khuu, et al	2018	Health Literacy and Associated Factors Among Hmong American Immigrants: Addressing the Health Disparities.	to examine the health literacy status of Hmong American immigrants as well as identify significant factors associated with health literacy within this population	≥18	n.a	2 HL screening questions	USA	No	bukan penyakit kronik
111	Kim, et al	2016	Health literacy and its link to healthcare service utilization among older adults in Korea.	To investigate Health literacy and its link to healthcare service utilization among older	≥65	not spesifik	TOFHLA-Korean version	Korea	No	bukan penyakit kronik
112	Kim, et al	2014	The effect of a community-based self-help multimodal behavioral intervention in Korean American seniors with high blood pressure	To examine the effect of the intervention on (i) HBP management as a primary outcome and (ii) health literacy, self-efficacy, medication adherence, and psychological status (depressi) as secondary outcomes.	≥60	Hypertension	HBP-HLS	Washington, USA	yes	
113	Kim, et al	2012	Development and validation of the high blood pressure-focused health literacy scale	To developed and tested a novel health literacy scale for individuals with high blood pressure (HBP)	≥60	Hypertension	HBP-HLS	Washington, USA	yes	
114	Kim, et al	2015	Efficacy of chronic disease self-management program in older Korean adults with low and high health literacy	To evaluated the efficacy of the Chronic Disease Self-management Program (CDSMP) among older Korean adults and investigated the question of whether the effects differed according to their levels of health literacy	≥65	General Chronic Disease	KHLT	Daegu, Korea	yes	
115	Kim, et al	2018	Association of health literacy with health information-seeking preference in older people: A correlational, descriptive study.	to understand the influence of health literacy on the information-seeking preference of older people	≥65	General Chronic Disease	S-KHLT	Daegu, Korea	yes	
116	Kim, et al	2020	Effects of a tailored inhaler use education program for chronic obstructive pulmonary disease patients.	To compared the effects of a tailored inhaler use education program with routine clinical practice in asthma and chronic obstructive pulmonary disease patients treated with inhalers.	≥40	COPD	n.a	Korea	No	sampel <60
117	Kim, et al	2019	The Development and Evaluation of a Health Literacy-Adapted Self-Management Intervention for Elderly Cancer Patients Undergoing Chemotherapy	To develop and evaluate the effectiveness of an adapted health literacy self-management intervention for elderly cancer patients undergoing chemotherapy		Cancer			No	Not English
118	Kobayashi, et al	2015	The role of cognitive function in the relationship between age and health literacy: a cross-sectional analysis of older adults in Chicago, USA.	To investigate how 3 measures of health literacy correlate with age and the explanatory roles of fluid and crystallised cognitive abilities in these relationships among older adults	≥55	Cognitive decline	TOFHLA NVS REALM	Chicago, USA	No	bukan penyakit kronik

119	Kofahl, et al	2018	Associations of collective self-help activity, health literacy and quality of life in patients with tinnitus	To analyzes whether SHG-participation is associated with tinnitus-related Health Literacy (HLit) and Quality of Life (QoL)	>18	Tinnitus	n.a	German	No	bukan penyakit kronik
120	Koonce, et al	2015	A personalized approach to deliver health care information to diabetic patients in community care clinics	to test the generalizability of an individualized information prescription model, which has been previously validated for educating patients about hypertension in emergency department and community health center settings	≥18	Diabetes	The brief HL screening questions (3 item)	Nashville	No	sampel <60
121	Koops, et al	2019	Using Photo Stories to Support Doctor-Patient Communication: Evaluating a Communicative Health Literacy Intervention for Older Adults.	to assess the effects of a photo story booklet regarding doctor-patient communication on self-efficacy and behavioral intention, compared to a non-narrative, but otherwise highly similar brochure, among older adults with varying levels of health literacy	≥50	n.a	The brief HL screening questions (12 item)	German	No	sampel <60
122	Kruger, et al	2016	Health Literacy, Self-Rated Health, and Health Screening Behaviors of Older Adults.	To examine the relationship of HL and preventive services and predict mortality across socioeconomic status	≥65	Disease screening	The brief HL screening questions (7 item)	Flint, Michigan	No	bukan penyakit kronik
123	Kugbey, et al	2019	Access to health information, health literacy and health-related quality of life among women living with breast cancer: Depression and anxiety as mediators.	To examined the direct and indirect influences of health literacy and access to health information on the quality of life among 205 women living with breast cancer in Ghana	n.a	Cancer	HLS	Ghana	No	sampel <60
124	Lachance, et al	2018	Community-Based Efforts to Prevent and Manage Diabetes in Women Living in Vulnerable Communities.	To determined that evidence-based programs with a focus on increasing women's capacity to practice health management behaviors, navigate the health care system, and connect with social support, would lead to an increase in healthy behaviors and an accompanying increase in health, both overall and diabetes-specific	≥18	Diabetes	The brief HL screening questions (3 item)	Michigan, USA	No	sampel <60
125	Ladin, et al	2018	"End-of-Life Care? I'm not Going to Worry About That Yet." Health Literacy Gaps and End-of-Life Planning Among Elderly Dialysis Patients.	To examined how health literacy may affect engagement, comprehension, and satisfaction with EOL conversations among elderly dialysis patients.	≥65	ESRD e.c DM, HT	n.a	Boston, Massachussets	No	bukan penyakit kronik
126	Lam, et al	2017	Addressing low health literacy with "Talking Pill Bottles": A pilot study in a community pharmacy setting	To test the effect of "Talking Pill Bottles" on medication self-efficacy, knowledge, adherence, and blood pressure readings among hypertensive patients with low health literacy and to assess patients' acceptance of this innovation.	≥55	Hypertension	S-TOFHLA	Pacific Northwest	No	sampel <60
127	Lee, et al	2018	Health Literacy and Participation Among Older Adult Patients With Heart Failure in Korean Culture	to evaluate the relationship between health literacy and patient participation among Korean older adults with heart failure.	≥65	Heart Failure	S-KHLS	Seoul, Korea	yes	
128	Lee, et al	2018	Gender Differences in the Impact of Cognitive Function on Health Literacy among Older Adults with Heart Failure.	To identify gender differences in the impact of cognitive function on health literacy among older patients with HF	≥65	Heart Failure	SHL	Korea	yes	
129	Lee, et al	2018	Do health literacy and self-care behaviours affect quality of life in older persons with lung cancer receiving chemotherapy?	To identifying the factors associated with health literacy, self-care behaviours, and quality of life among older persons with lung cancer receiving chemotherapy	≥60	Cancer (lung)	S-KHLT	Korea	yes	
130	Lee, et al	2017	Effect of a health literacy-considered diabetes self-management program for older adults in South Korea	To evaluated the effects of a health literacy-considered diabetes self-management program on diabetes-related parameters	≥65	Diabetes	KHALT	Korea	yes	
131	Lee, et al	2017	Impact of health literacy on medication adherence in older people with chronic diseases	to investigate the effect of health literacy on medication adherence to provide information for improving health outcomes in older people with chronic disease.	≥65	General Chronic Disease	HLSQ	Korea	yes	
132	Lee, et al	2012	The Relationship of Oral Health Literacy and Self-Efficacy With Oral Health Status and Dental Neglect.	To examined the associations of oral health literacy (OHL) with oral health status (OHS) and dental neglect (DN).	all age	Oral health	REALD-30	North Carolina	No	Oral health literacy
133	Lee, et al	2017	Age Differences in Health Literacy: Do Younger Korean Adults Have a Higher Level of Health Literacy than Older Korean Adults?	to investigate the level of health literacy of adults living in South Korea and identify factors associated with health literacy in different age groups	≥20	General	The brief HL screening questions (16 item)	Korea	No	sampel <60
134	Lee, et al	2016	Pathways of empowerment perceptions, health literacy, self-efficacy, and self-care behaviors to glycemic control in patients with type 2 diabetes mellitus	To validate a hypothesized model exploring the influencing pathways of empowerment perceptions, health literacy, self-efficacy, and self-care behaviors to glycosylated hemoglobin (HbA1c) levels in patients with type 2 diabetes (T2DM)	≥21	Diabetes	DHLS-Chinese	Taiwan	No	sampel <60
135	Levy, et al	2015	Health literacy and the digital divide among older Americans	To quantify the relationship between health literacy and use of the Internet for obtaining health information among Americans	≥51	Internet uses	SILS REALM-R	Michigan	No	bukan penyakit kronik
136	Lingler, J	2019	HL and access to dementia centre	A review of conceptual models will illustrate the potential effect of health literacy on access to dementia care and resources.	article	Dementia	n.a	n.a	No	Review
137	Liu, et al	2015	Evaluation of teach-back method for improving health literacy of senior citizens in nursing homes	To explore the effect of Teach-back method for the health literacy of senior citizens in nursing homes of Urumqi	≥60	n.a	The Chinese Citizens Health Literacy Questionnaire	Urumqi, China	No	bukan penyakit kronik

138	Liu, et al	2019	Health Literacy Risk in Older Adults With and Without Mild Cognitive Impairment.	To delineate the difference in health literacy risk between older adults with mild cognitive impairment and those with normal cognitive function	≥60	Cognitive impairment	The Chinese Citizens Health Literacy Questionnaire	Jiangsu, China	No	bukan penyakit kronik
139	Liu, et al	2015	Relationship between Health Literacy, Health-Related Behaviors and Health Status: A Survey of Elderly Chinese.	To elucidate the relationship between health literacy and health-related behaviors and health status in China.	≥60	n.a	The Chinese Citizens Health Literacy Questionnaire	Xianjiang, China	No	bukan penyakit kronik
140	Liu, et al	2017	Effect of health literacy and exercise interventions on glycated haemoglobin levels in Chinese patients with type 2 diabetes: a cluster-randomised controlled trial	n.a	n.a	n.a	n.a	n.a	No	tidak full text
141	Loi, et al	2015	Dementia literacy in older adults.	A study of dementia literacy was undertaken to explore current knowledge in a metropolitan city in Australia.	≥18	Dementia Literacy	MHL questionnaire	Australia	No	Mental health literacy
142	Londono, et al	2015	Influences of health literacy, judgment skills, and empowerment on asthma self-management practices	To evaluate the effectiveness of health literacy-focused and exercise-focused interventions on glycated haemoglobin A1c (HbA1c) in the population	≥18	Asthma	Critical Literacy Scale	Switzerland	No	sampel <60
143	Lovett, et al	2020	Cognitive impairment no dementia and associations with health literacy, self-management skills, and functional health status	To determine the prevalence of cognitive impairment no dementia (CIND) among a diverse, community-based population, and establish associations between CIND and health literacy, chronic disease self-management and functional health status	≥55	Cognitive impairment	NVS TOFHLA	Chicago, USA	No	bukan penyakit kronik
144	Luo, et al	2018	Validation of a combined health literacy and numeracy instrument for patients with type 2 diabetes	To validate a new consolidated measure of health literacy and numeracy (health literacy scale [HLS] plus the subjective numeracy scale [SNS]) in patients with type 2 diabetes (T2DM).	≥18	Diabetes	HLS+SNS S-TOFHLA	USA	No	sampel <60
145	Mafutha, et al	2017	Development of a Hypertension Health Literacy Assessment Tool for use in primary healthcare clinics in South Africa, Gauteng	To develop a Hypertension Health Literacy Assessment Tool to establish patients' comprehension of the health education they receive in primary healthcare (PHC) clinics in Tshwane, Gauteng, South Africa.	≥18	Hypertension	HHLAT	South Africa	No	sampel <60
146	Manafa & Wong	2012	Health literacy programs for older adults: a systematic literature review.	To conduct a systematic literature review using explicit systematic literature review methodology	article	n.a	n.a	n.a	No	Review
147	Mansfield, et al	2018	Canadian adaptation of the Newest Vital Sign®, a health literacy assessment tool	To evaluate the reliability of the Canadian NVS as a self-administered computerized tool.	≥18	n.a	NVS Canada	Ontario, Canada	No	sampel <60
148	Mantwill, et al	2015	Low health literacy associated with higher medication costs in patients with type 2 diabetes mellitus: Evidence from matched survey and health insurance data	To investigating the relationship between health literacy and three years of medication costs (2009–2011) in a sample of patients with type 2 diabetes.	≥35	Diabetes	The brief HL screening questions (1 item)	Switzerland	No	sampel <60
149	Mantwill, et al	2017	Does acculturation narrow the health literacy gap between immigrants and non-immigrants—An explorative study	To compare functional health literacy (HL) levels in three immigrant groups to those of the German- and Italian-speaking non-immigrant population in Switzerland	≥18	n.a	S-TOFHLA The brief HL screening questions (1 item)	Switzerland	No	sampel <60
150	Mappelink, et al	2015	The effectiveness of health animations in audiences with different health literacy levels: an experimental study	To investigate what features of spoken health animations improve information recall and attitudes and whether there are differences between health literacy groups.	≥55	Cancer	SAHL-D	Netherlands	No	sampel <60
151	Matsuoka, et al	2016	Health literacy is independently associated with self-care behavior in patients with heart failure	To determined the relationship between functional, communicative, and critical HL and self-care behavior in HF patients	≥18	Heart Failure	The Heart Failure-Specific Health Literacy Scale	Japan	No	sampel <60
152	Mazor, et al	2012	Health literacy and cancer prevention: two new instruments to assess comprehension.	To develop a test to assess comprehension of spoken health messages related to cancer prevention and screening to fill this gap, and a complementary test of comprehension of written health messages.	≥40	Cancer	The Cancer Message Literacy Test-Listening	USA	No	sampel <60
153	Mazor, et al	2012	The Cancer Message Literacy Tests: psychometric analyses and validity studies.	To examine the psychometric properties of two new health literacy tests, and to evaluate score validity.	≥40	Cancer	The Cancer Message Literacy Test-Listening	USA	No	sampel <60
154	Mcnaughton, et al	2014	Low literacy is associated with uncontrolled blood pressure in primary care patients with hypertension and heart disease	To evaluate the association between low literacy and uncontrolled blood pressure (BP) and their associations with medication adherence	≥50	Cardiovaskuler	REALM	USA	No	sampel <60
155	Melholt, et al	2018	Cardiac patients' experiences with a telerehabilitation web portal: Implications for eHealth literacy.	To study how the patients' use of the interactive 'Active Heart' web portal affected their eHealth literacy	≥18	eHealth	eHEALS	Denmark	No	digital literacy
156	Menendez, et al	2015	Health literacy in hand surgery patients: a cross-sectional survey.	To determine the prevalence of and factors associated with limited health literacy among outpatients presenting to an urban academic hospital-based hand surgeon	≥18	Hand surgery	NVS	Boston, Massachussets	No	bukan penyakit kronik
157	Mialhe, et al	2020	Psychometric properties of Health Literacy in Dentistry scale in an elderly Brazilian population.	To assess the reliability and validity of Brazilian-Portuguese versions of the Health Literacy in Dentistry (HeLD) scale in a sample of elderly Brazilian participants	≥60	Oral health	HeLD Brazilian	Brazil	No	Oral health literacy
158	Mihalcoba, et al	2014	Financial Literacy – The Urgent Need Today	The paper deals with defining literacy in a general way in the first part, further with financial literacy, selected surveys in this area as well as defining the indicators of financial education.	article	Financial Literacy	n.a	n.a	No	Review

159	Millar, et al	2020	Literacy skills, language use, and online health information seeking among Hispanic adults in the United States	To examines the association between a unique measure of general English literacy, language use, and online health information seeking among Hispanic adults	≥25	n.a	PIAAC's assessment of literacy skills	USA	No	bukan penyakit kronik
160	Moon, et al	2015	Towards an understanding of the relationship of functional literacy and numeracy to geographical health inequalities	The relative contributions of functional literacy and functional numeracy to health disparities remain poorly understood in developed world contexts. We seek to unpack their distinctive contributions and to examine how these contributions are framed by place-based deprivation and rurality	≥16	n.a	English Qualifications and Credit Framework	England	No	bukan penyakit kronik
161	Morris, et al	2017	Measurement properties of the Health Literacy Questionnaire (HLQ) among older adults who present to the emergency department after a fall: a Rasch analysis.	To evaluate the measurement properties of the Health Literacy Questionnaire (HLQ) in a cohort of older adults who presented to a hospital emergency department (ED) after a fall.	≥60	Fall risk	HLQ	Australia	No	bukan penyakit kronik
162	Moser, et al	2015	Health Literacy Predicts Morbidity and Mortality in Rural Patients with Heart Failure	To examine the association of health literacy with the composite end point of heart failure readmission rates and all-cause mortality in patients with heart failure living in rural areas.	≥18	Heart Failure	S-TOFHLA	USA	No	sampel <60
163	Mosher, et al	2012	Association of health literacy with medication knowledge, adherence, and adverse drug events among elderly veterans.	To xamined the association of health literacy with medication knowledge, adherence, and adverse drug events among cognitively intact veterans older than 65 years old who were taking 5 or more medications and who were enrolled in a Veterans Administration primary care clinic.	≥65	n.a	REALM	Iowa, US	No	bukan penyakit kronik
164	Muir, et al	2012	The influence of health literacy level on an educational intervention to improve glaucoma medication adherence	To test an educational intervention targeted to health literacy level with the goal of improving glaucoma medication adherence.	≥40	Glaukoma	TOFHLA	USA	No	sampel <60
165	Mullen, E	2013	Health literacy challenges in the aging population.	To discuss the impact of low health literacy and discuss interventions to minimize its effect on the elderly population.	article	n.a	n.a	n.a	No	Review
166	Muscat, et al	2016	Can adults with low literacy understand shared decision making questions? A qualitative investigation	Participation in shared decision-making (SDM) may be difficult for adults with lower literacy. Tools to support consumers to engage in SDM are rarely designed for or evaluated with adults with lower literacy and/or poor English language				Sydney	No	Tidak melaporkan instrumen
167	Nafradi, et al	2018	An empirical test of the Health Empowerment Model: Does patient empowerment moderate the effect of health literacy on health status?	To test this assumption in the context of health status as a patient outcome	≥20	n.a	NVS S-TOFHLA	Hungaria	No	bukan penyakit kronik
168	Naik, et al	2011	Health literacy and decision making styles for complex antithrombotic therapy among older multimorbid adults	To evaluate the effect of functional health literacy (FHL) on preferences for decision-making; and among those initially preferring a passive decision-making role, to explore how preferences change if their physician actively encourages their involvement	≥65	Cardiovaskuler	S-TOFHLA	Texas, US	yes	
169	NCT01550731	2012	Preparing Older Veterans With Serious and Chronic Illness for Decision Making	to conduct a randomized control trial to determine the efficacy of PREPARE to engage older Veterans with chronic illness in preparation skill behaviors (i.e., did they choose a surrogate, clarify their values, ask clinicians questions	≥60	n.a	n.a	USA	No	tidak full text
170	NCT02733523	2016	Self-management, Health Literacy and Social Capital in Socioeconomically Disadvantaged Older Adults	to reduce health inequality, an intervention has been designed to promote self-management, health literacy and social capital among older people who perceived their health as fair or poor and are living in urban socioeconomically disadvantaged areas with the aim of improving their self-perceived health.	≥60	n.a	HLS-EU-Q16	Barcelona, Spain	No	tidak full text
171	NCT02922439	2016	Health Literacy Assessment and Intervention to Reduce Disparities: FLIGHT/VIDAS II		≥40	General Chronic Disease	FLIGHT/VIDAS Literacy Scale	n.a	No	tidak full text
172	NCT03584490	2018	Reducing Assessment Barriers for Patients With Low Literacy		≥18	n.a	n.a	n.a	No	tidak full text
173	Nguyen, et al	2013	Cognitive function is a risk for health literacy in older adults with diabetes	We hypothesized that cognitive function, independent of education, is associated with health literacy.	≥60	Diabetes	S-TOFHLA	North Carolina	yes	
174	Nishita & Browne	2013	Advancing research in transitional care: challenges of culture, language and health literacy in Asian American and native Hawaiian elders.	The paper presents a conceptual framework and proposes a six-point research agenda that includes family assessments of health literacy abilities, exploring the relationship between culture, health, and decision-making, and the development/adaptation of transition planning tools	article	n.a	n.a	n.a	No	Review
175	Noureldin, et al	2012	Effect of health literacy on drug adherence in patients with heart failure	To assess the effect of health literacy on drug adherence in the context of a pharmacist-based intervention for patients with heart failure	≥50	Heart Failure	S-TOFHLA	Indianapolis	No	sampel <60

176	Nouri, et al	2019	Health Literacy Matters More Than Experience for Advance Care Planning Knowledge Among Older Adults	to determine whether health literacy is associated with ACP knowledge.	≥60	General Chronic Disease	S-TOFHLA	San Fransisco, US	yes	
177	O'conor, et al	2015	Health literacy, cognitive function, proper use, and adherence to inhaled asthma controller medications among older adults with asthma.	to investigate the degree to which cognitive skills explain associations between health literacy and asthma-related medication use among older adults with asthma	≥60	Asthma	S-TOFHLA	NY, Chicago, USA	yes	
178	Orsal, et al	2019	Analysis of the relationship among health awareness and health literacy, patient satisfaction levels with primary care in patients admitting to primary care health centers	To examine the relationships between health literacy, primary care satisfaction levels and health awareness of the patients who were admitted to primary care centers (Family Health Centers)	≥18	n.a	HLS-TR	Turkey	No	bukan penyakit kronik
179	Osborn, et al	2013	Development and validation of the General Health Numeracy Test (GHNT).	To developed and validated the General Health Numeracy Test (GHNT).	≥18	n.a	GHNT REALM	USA	No	bukan penyakit kronik
180	Ousseine, et al	2019	Multiple health literacy dimensions are associated with physicians' efforts to achieve shared decision-making	To assess the relationship between health literacy (HL), numeracy and SDM (using French translations of validated measures)	≥18	Cancer	FCCHL SILS SNS-3	French	No	sampel <60
181	Ownby, et al	2014	Quality of life, health status, and health service utilization related to a new measure of health literacy: FLIGHT/VIDAS	To present data on the relation of health-related quality of life, health status, and health service utilization to performance on a new measure of health literacy in a nonpatient population	≥18	n.a	TOFHLA REALM SAHLSA The brief HL screening questions (1 item)	USA and Mexico	No	bukan penyakit kronik
182	Ownby, et al	2014	Abilities, skills and knowledge in measures of health literacy	To propose a model of health literacy as a composite of cognitive abilities, academic skills, and health knowledge (ASK model) and test its relation to measures of health literacy in a model that first takes demographic variables into account	≥18	n.a	TOFHLA REALM SAHLSA	USA and Mexico	No	bukan penyakit kronik
183	Ownby, et al	2019	ENHANCING THE IMPACT OF MOBILE HEALTH LITERACY INTERVENTIONS TO REDUCE HEALTH DISPARITIES.	discuss strategies for determining the optimal level of health literacy at which to intervene and suggest specific instructional strategies for various levels of health literacy	article	n.a	n.a	n.a	No	Review
184	Paige, et al	2017	eHealth literacy in chronic disease patients: An item response theory analysis of the eHealth literacy scale (eHEALS).	To estimate reliability and confirm model specifications for eHealth Literacy Scale (eHEALS) scores among chronic disease	≥18	eHealth	eHEALS	USA	No	digital literacy
185	Paiva, et al	2014	Cross-cultural adaptation and validation of the health literacy assessment tool METER in the Portuguese adult population	To culturally adapt and validate METER in the Portuguese population, and to define cut-off values for adequate health literacy.	≥18	n.a	METER	Wisconsin	No	bukan penyakit kronik
186	Panagiotti, et al	2018	Effect of health literacy on the quality of life of older patients with long-term conditions: a large cohort study in UK general practice.	To examined the association between health literacy and domains of QoL in older people with LTCs, investigating key socio-demographic and clinical variables, as confounders	≥65	Longterm condition: Asthma, COPD, HF, DM, HBP, Poor circulation, Stroke	SILS	new west England	yes	
187	park, et al	2018	The effects of medication adherence and health literacy on health-related quality of life in older people with hypertension	To investigated the effects of medication adherence and health literacy on health- related quality of life in vulnerable older people with hypertension.	≥65	Hypertension	NVS	Korea	yes	
188	Parker. Et al	2012	An oral health literacy intervention for Indigenous adults in a rural setting in Australia	To determine if implementation of a functional, context-specific oral health literacy intervention improves oral health literacy-related outcomes measured by use of dental services	≥18	Oral health	HeLM	Australia	No	Oral health literacy
189	Patel, et al	2013	Use of nutrition literacy scale in elderly minority population.	To test and validate the nutritional literacy scale (NLS) in a predominantly African-American geriatric population.	≥65	Hypertension	NLS	Wayne State, US	yes	
190	Patel, et al	2011	Testing the utility of the newest vital sign (NVS) health literacy assessment tool in older African-American patients	To evaluate utility of the newest vital sign (NVS) which can be completed in 3 min compared to the short version test of functional literacy in adults (S-TOFHLA) that takes 7 min for health literacy in the older African American patients.	≥65	n.a	NLS	Wayne State, US	No	bukan penyakit kronik
191	Peterson, et al	2019	The role and impact of health literacy on peer-to-peer health communication.	explores the impact and role of health literacy in peer-to-peer health communication contexts, such as social media platforms and online patient support groups.	article	n.a	n.a	n.a	No	Review
192	Peyman, N	2017	The Effect of Education Based on the Theory of Planned Behavior on Promote Health Literacy and Breast Cancer Screening	to determine The Effect of Education Based on the Theory of Planned Behavior on health literacy and Breast Cancer Screening Tests performance in women referred to health care centers	≥35	Cancer	TOFHLA	Roshtkhar	No	tidak full text
193	Porter, et al	2019	Mental health literacy among vocational rehabilitation professionals and their perception of employers in the return-to-work process.	To explore the mental health literacy of Swedish vocational rehabilitation professionals and their perception of employers in the RTW process	≥18	Rehabilitation profesional mental health literacy	n.a	Swedia	No	Mental health literacy
194	Poureslami, et al	2020	Asthma and COPD patients' perceived link between health literacy core domains and self-management of their condition	To develop a comprehensive, function-based tool that adequately and accurately measures HL skills of this patient population	≥19	Asthma	n.a	Canada	No	sampel <60

195	Price-Haywood, et al	2017	eHealth literacy: patient engagement in identifying strategies to encourage use of patient portals among older adults	provided system administrators with patient-generated recommendations for tailoring portal implementation to encourage use among older adults served in the community.	≥50	eHealth	eHEALS	Southeast Louisiana, USA	No	digital literacy
196	Prins & Mooney	2014	Literacy and Health Disparities.	explores the relationship between literacy and health disparities, focusing on the concept of health literacy.	article	n.a	n.a	n.a	No	Review
197	Qin, et al	2016	A cross-sectional study of the effect of health literacy on diabetes prevention and control among elderly individuals with prediabetes in rural China.	to examine the effect of health literacy on diabetes prevention and control and risk factors for low diabetes health literacy among elderly individuals with prediabetes in rural areas in China	≥60	Prediabetes	HLDM (The Questionnaire of Health Literacy of Diabetes Mellitus of the Public)	Yiyang City, China	No	bukan penyakit kronik
198	Quartuccio, et al	2018	The relationship of health literacy to diabetes status differs by sex in older adults	Lower health literacy is associated with higher rates of mortality and chronic disease. It remains unclear whether health literacy is associated with diabetes and hyperglycemia in older	≥70	Diabetes	REALM	Pittsburgh	yes	
199	Riemenschneider, et al	2018	State of Diabetes Self-Management Education in the European Union Member States and Non-EU Countries: The Diabetes Literacy Project.	This study presents the state of DSME in the 28 EU MS and contrasts it with 3 non-EU countries with comparable Human Development Index score: Israel, Taiwan, and the USA (ITU)	all age	Diabetes	DLS	EU Member State	No	sampel <60
200	Robinson, et al	2011	Assessing health literacy in heart failure patients.	To We investigated the relationship between the S-TOFHLA total score at the recommended 7 minutes limit and with no time limit (NTL).	≥18	Heart Failure	S-TOFHLA	San Fransisco, US	No	sampel <60
201	Rojas_Guylor, et al	2016	Health Information Seeking Behaviors and Preferences among Latino Immigrants: The Role of Acculturation and Functional Health Literacy.	To determine sources of health information of Latinos and assess associations with acculturation level, functional health literacy and demographics	≥18	information seeking	S-TOFHLA	USA	No	bukan penyakit kronik
202	Rosenfeld, et al	2011	Beyond reading alone: The relationship between aural literacy and asthma management	To examine the relationship between literacy and asthma management with a focus on the oral exchange.	all age	Asthma	the Woodcock-Johnson Achievement Tests	New England	No	sampel <60
203	Rubin, et al	2014	Training meals on wheels volunteers as health literacy coaches for older adults	To describes the context, content, and evaluation of the workshops that were administered to train these community volunteer trainers	n.a	n.a	S-TOFHLA	Atlanta	No	bukan penyakit kronik
204	Rudd, R.	2019	Health Literacy Considerations for a New Cancer Prevention Initiative.	The discussion builds on the National Prevention Strategy to provide an argument for attention to literacy and numeracy in the development of efficacious health communication strategies for cancer prevention developed for older adults.	article	Cancer	n.a	n.a	No	Review
205	Russell, et al	2018	Test-retest reliability of the Newest Vital Sign health literacy instrument: in-person and remote administration	To determine the reliability of the Newest Vital Sign (NVS) administered via telephone by examining test-retest properties of the measure	≥18	n.a	NVS	USA	No	bukan penyakit kronik
206	Ruth Koops	2016	The effectiveness of photo stories about doctor-patient communication for older adults with limited health literacy	To evaluate a photo story intervention that supports and empowers patients with lower levels of health literacy in communicating with their General Practitioner	≥74	n.a	The brief HL screening questions (3 item)	Gronigen, Netherland	No	bukan penyakit kronik
207	Sak, et al	2017	Assessing the predictive power of psychological empowerment and health literacy for older patients' participation in health care: a cross-sectional population-based study.	To examine the roles of psychological empowerment and health literacy on the elderly's willingness to engage in treatment decisions	≥65	General Chronic Disease	The brief HL screening questions (3 item)	German	yes	
208	Santos, et al	2016	Conditions of functional health literacy of an elderly diabetics group	to evaluate the conditions of functional health literacy of an elderly diabetics group.	≥60	Diabetes	S-TOFHLA	Brazil	yes	
209	Saqlain, et al	2019	Medication Adherence and Its Association with Health Literacy and Performance in Activities of Daily Livings among Elderly Hypertensive Patients in Islamabad, Pakistan.	to investigate medication adherence and its associated factors among Pakistani geriatric hypertensive patients.	≥65	Hypertension	SILS	Pakistan	yes	
210	Sayah, et al	2014	Measurement properties and comparative performance of health literacy screening questions in a predominantly low income African American population with diabetes	To examine the measurement properties of the 16 screening questions (16-SQ) of inadequate health literacy (HL) and their briefer version (3-SQ), and identify the best screen for inadequate HL in non-white populations.	≥18	Diabetes	The brief HL screening questions (16 item)	USA	No	sampel <60
211	Schinckus, et al	2018	When knowing is not enough: Emotional distress and depression reduce the positive effects of health literacy on diabetes self-management	To investigated whether emotional distress or depression moderates the relation between health literacy, self-efficacy and diabetes self-care behaviors	all age	Diabetes	HLS-EU-Q6 Ishikawa: MFCCHL	Belgia	No	sampel <60
212	Seong, et al	2019	Cognitive Impairment Is Independently Associated with Non-Adherence to Antithrombotic Therapy in Older Patients with Atrial Fibrillation.	to investigate the influence of cognitive impairment and health literacy on non-adherence to antithrombotic therapy	≥65	Cardiovaskuler	The brief HL Screening question	Korea	yes	
213	Sequeira, et al	2013	Limited health literacy and decline in executive function in older adults	To examine this association by studying a prospective cohort in the setting of a randomized controlled trial to promote walking in older adults. Participants were community-dwelling older adults (65 years of age or older)	≥65	Executive function	S-TOFHLA	Boston, Massachussets	No	bukan penyakit kronik

214	Sequeira, et al	2012	Health literacy and cognitive decline in older adults	To validate the relationship of limited HL and decline in executive function and verbal fluency	≥65	Cognitive decline	S-TOFHLA	Boston, Massachussets	No	bukan penyakit kronik
215	Shahadeh, et al	2013	Knowledge and health literacy are not associated with osteoporotic medication adherence, however income is, in Arab postmenopausal women	To investigate the association between adherence with oral bisphosphonate treatment, income, health literacy, knowledge, and receiving instructions from a pharmacist or doctor, among Arab postmenopausal women diagnosed with osteoporosis in Israel	≥60	Osteoporosis	Ishikawa: MFCCHL	Israel	No	bukan penyakit kronik
216	Sharp, et al	2013	Time to sign: The relationship between health literacy and signature time	To evaluate the relationship between amount of time taken to sign one's name and health literacy	≥20	n.a	REALM	Chicago, USA	No	bukan penyakit kronik
217	Shen, et al	2019	The relationship between health literacy and perceived shared decision making in patients with breast cancer	To explored the relationship between patient-perceived shared decision making (SDM) and three domains of health literacy (HL) in patients with breast cancer.	≥20	Cancer	HLS-EU-Q	Taiwan	No	sampel <60
218	Shirooka, et al	2017	Association between comprehensive health literacy and frailty level in community-dwelling older adults: A cross-sectional study in Japan.	To explored the association between comprehensive health literacy and frailty level in community-dwelling older adults in Japan	≥60	n.a	HLS-14	Japan	No	bukan penyakit kronik
219	Siegrist, et al	2018	The influence of information structuring and health literacy on recall and satisfaction in a simulated discharge communication	investigated the effects of information structuring and its potential interaction with pre-existing medical knowledge on recall in a simulated discharge communication.	≥30	Cardiovaskuler	12 multiple questions	Switzerland	No	sampel <60
220	Singh, et al	2016	Geriatric oral health predicaments in New Delhi, India.	To assess the oral health status and treatment needs among the geriatric population attending health camps in New Delhi, Northern India.	≥60	Oral health	n.a	India	No	Oral health literacy
221	Smith, et al	2017	An education intervention to improve health literacy and decision making about supporting self-care among older Australians: a study protocol for a randomised controlled trial	To develop and evaluate a novel educational intervention to support decision self-efficacy, and improve health literacy skills	≥65	n.a	HLQ	Australia	No	bukan penyakit kronik
222	Smith, et al	2019	Complementary medicine use and health literacy in older Australians	To investigate whether complementary medicine (CAM) use is associated with health literacy levels and decision self-efficacy	≥65	General Chronic Disease	HLQ	Australia	yes	
223	Smith, et al	2019	An education intervention to improve decision making and health literacy among older Australians: a randomised controlled trial.	To examined the effectiveness of a CM educational intervention delivered using a web or DVD plus booklet format to increase older adults' decision self-efficacy and health literacy	≥65	n.a	HLQ	Australia	No	bukan penyakit kronik
224	Song, et al	2012	How does health literacy affect quality of life among men with newly diagnosed clinically localized prostate cancer? Findings from the North Carolina-Louisiana Prostate Cancer Project (PCaP).	To examined the relation between health-related quality of life (HRQOL) and health literacy among men with prostate cancer	≥40	Cancer	REALM	North Carolina	No	sampel <60
225	Soones, et al	2018	Pathways linking health literacy, health beliefs, and cognition to medication adherence in older adults with asthma	to describe the causal pathway linking health literacy to medication adherence by modeling asthma illness and medication beliefs as mediators.	≥60	Asthma	S-TOFHLA	NY, Chicago, USA	yes	
226	Soto Mas, et al	2017	Adult Education and the Health Literacy of Hispanic Immigrants in the United States.	To explore whether basic adult instruction may constitute a venue for improving health literacy among Spanish-speaking immigrants.	≥21	n.a	S-TOFHLA	Mexico	No	bukan penyakit kronik
227	Soto, et al	2015	A Multisite Community-Based Health Literacy Intervention for Spanish Speakers.	To explore the feasibility of using different community settings for improving health literacy among adult Spanish speakers through an English language program.	≥18	n.a	TOFHLA-Spanish	Mexico	No	bukan penyakit kronik
228	Soto, et al	2018	A Cardiovascular Health Intervention for Spanish Speakers: The Health Literacy and ESL Curriculum.	To xplore the effect of a health literacy curriculum on cardiovascular health behavior among Spanish speaking adults	≥21	Cardiovaskuler	TOFHLA	USA	No	sampel <60
229	Souza, et al	2016	Applicability of the Spoken Knowledge in Low Literacy Patients with Diabetes in Brazilian elderly	o translate, adapt and evaluate the properties of a Brazilian Portuguese version of the Spoken Knowledge in Low Literacy Patients with Diabetes	≥60	Diabetes	SAHLPA-18	Brazil	yes	
230	Souza, et al	2014	Functional health literacy and glycaemic control in older adults with type 2 diabetes: a cross-sectional study	To investigate the relationship between functional health literacy and glycaemic control in a sample of older patients with type 2 diabetes.	≥60	Diabetes	SAHLPA-18	Brazil	yes	
231	Stewart, et al	2013	Associations Between Health Literacy and Established Predictors of Smoking Cessation.	We examined associations between health literacy and predictors of smoking cessation among 402 low-socioeconomic status (SES), racially/ethnically diverse smokers.	≥18	Smoking	REALM	Texas, US	No	bukan penyakit kronik
232	Storms, et al	2019	General practitioners' predictions of their own patients' health literacy: A cross-sectional study in Belgium	To ensure effective health communication, general practitioners (GPs) should be able to identify people with limited health literacy	≥65	n.a	HLS-EU-Q16	Belgia	No	bukan penyakit kronik
233	Storms, et al	2019	General practitioners' predictions of their own patients' health literacy: A cross-sectional study in Belgium	To explore the agreement between patients' HL and GPs' HL estimations thereof, as well as to examine characteristics impacting on this HL (dis)agreement.	≥18	n.a	HLS-EU-Q16	Belgia	No	bukan penyakit kronik

234	Suka, et al	2015	Relationship between health literacy, health information access, health behavior, and health status in Japanese people	To examine the relationship between health literacy (HL), health information access, health behavior, and health status in Japanese people	≥20	n.a	HLS-14	Japan	No	bukan penyakit kronik
235	Suri, et al	2016	Assessing the influence of health literacy on health information behaviors: A multi-domain skills-based approach	To investigate the relationship between five domain-specific skills of health literacy: FHI, AHI, UHI, AMH, and E-health literacy (e-Heals), and health information seeking behaviors and three categories of health outcomes.	≥18	eHealth	eHEALS	Singapore	No	digital literacy
236	Tai, et al	2016	Putting words into action: A simple focused education improves prescription label comprehension and functional health literacy	To assess the effectiveness of an educational intervention on prescription (Rx) label comprehension and functional health literacy (FHL) in older adults	≥55	Medication	S-TOFHLA	Southeran California	No	sampel <60
237	Tai, et al	2014	Effect of focused education on functional health literacy and prescription label comprehension: a randomized controlled trial	To assess change in functional health literacy (FHL) and prescription (Rx) label comprehension of English-speaking older adults after a focused educational intervention	n.a	n.a	n.a	n.a	No	tidak full text
238	Tai, et al	2013	Examining effectiveness of educational interventions to improve prescription label comprehension and its correlation with the short test of functional health literacy assessment: a pilot study	To determine the effectiveness of educational interventions in improving comprehension of prescription labels among older adults	≥55	n.a	S-TOFHLA	n.a	No	tidak full text
239	Takehara, S	2018	Oral Health and quality of life among the Australian elderly	n.a	≥65	Oral health	n.a	Australia	No	tidak full text
240	Tenani, et al	2020	Influence of oral health literacy on dissatisfaction with oral health among older people.	To investigate the influence of oral health literacy (OHL) and associated factors on dissatisfaction with oral health (DOH) among older people	≥60	Oral health	HeLD-14	Brazil	No	Oral health literacy
241	Tennant, et al	2015	eHealth literacy and Web 2.0 health information seeking behaviors among baby boomers and older adults.	To explore the extent to which sociodemographic, social determinants, and electronic device use influences eHealth literacy and use of Web 2.0 for health information among baby boomers and older adults	≥55	eHealth	eHEALS	Florida, USA	No	digital literacy
242	Tiller, et al	2015	Health literacy in an urban elderly East-German population - results from the population-based CARLA study.	to describe HL among an elderly general high-risk population, to analyze the potential contributing factors of HL, and to analyze the impact of HL on health-related outcomes	≥55	General Chronic Disease	HLS-EU-Q16	East German	No	sampel <60
243	titko,et al	2015	Financial Literacy of Latvian Citizens: Preliminary Survey Results	to reflect survey results aimed to evaluate financial literacy level of Latvian citizens.	≥18	Financial Literacy	24 item questionnaire	Latvia	No	financial literacy
244	Toci, et al	2015	Health literacy, self-perceived health and self-reported chronic morbidity among older people in Kosovo.	to describe health literacy among the older population of Kosovo.	≥65	not spesifik	4 domain HL based on Sorensen	Cosovo	No	bukan penyakit kronik
245	Tsoh, et al	2016	Healthcare Communication Barriers and Self-Rated Health in Older Chinese American Immigrants.	To examined the association between healthcare communication barriers and self-rated health among older Chinese immigrants	≥50	General Chronic Disease	SILS	San Fransisco, US	No	sampel <60
246	Turiman, et al	2012	Fostering the 21st Century Skills through Scientific Literacy and Science Process Skills	explain about the 21st century skills, scientific literacy and science process skills. It also explains about the intersection of science process skills and 21st century skills in science education.	article	n.a	n.a	n.a	No	Review
247	Turkoglu, et al	2019	Evaluation of the relationship between compliance with the follow-up and treatment protocol and health literacy in bladder tumor patients.	To investigate the relationship between the compliance of bladder cancer patients with cystoscopic follow-up and the treatment protocol, and their health literacy.	≥35	Cancer	HLS-EU	Turkey	No	sampel <60
248	Turner, et al	2018	Emergency information management needs and practices of older adults: A descriptive study	To better understand how older adults currently manage emergency information, the barriers and facilitators to planning and management of emergency information.	≥60	Emergency Information	eHEALS	Washington, USA	No	bukan penyakit kronik
249	Uemara, et al	2018	Effects of active learning on health literacy and behavior in older adults: a randomized controlled trial	To investigate the effects of active learning education on health literacy, cognitive and physical func- tion, physical activity, and dietary habits in older adults.	≥65	General Chronic Disease	HLS-14 HLS-EU-Q16	Japan	yes	
250	Uemura, K	2016	Development and validation of active learning intervention program for care prevention in community-dwelling older adults	n.a	≥65	n.a	n.a	Japan	No	tidak full text
251	Uemura, K	2018	Effects of active learning health education on older adults with limited health literacy	n.a	≥65	n.a	n.a	Japan	No	tidak full text
252	Uemura, K	2019	Development and validation of preventive physical therapy using health literacy education for care prevention	n.a	≥65	n.a	n.a	Japan	No	tidak full text
253	Van Beusekom, et al	2015	Patients' preferences for visuals: Differences in the preferred level of detail, type of background and type of frame of icons depicting organs between literate and low-literate people	To evaluate icons of organs with systematic variations in design to provide directions for the development of pictograms that support patient leaflets targeted at a low-literate audience	≥18	n.a	REALM-Dutch	Netherlands	No	bukan penyakit kronik
254	Van der Heide, et al	2015	Functional, interactive and critical health literacy: Varying relationships with control over care and number of GP visits	To examine the extent to which functional, interactive and critical health literacy are associated with patients' perceived control over care and frequency of GP visits	≥15	General Chronic Disease	Ishikawa: MFCCHL	Netherlands	No	sampel <60

255	Van der Vaart, et al	2012	Validation of the Dutch functional, communicative and critical health literacy scales.	To evaluate the validity of the Dutch translation of Ishikawa:MFCCHL instrument.	≥30	Rheumatoid and Cancer	SILS-Dutch Ishikawa: MFCCHL dutch	Netherlands	No	sampel <60
256	Verkissen, et al	2014	The role of health literacy in perceived information provision and satisfaction among women with ovarian tumors: a study from the population-based PROFILES registry.	To assess the association of subjective health literacy (HL) and education with perceived information provision and satisfaction	all age	ovarian tumor	The brief HL screening questions (3 item)	Netherlands	No	sampel <60
257	Vermaas, et al	2017	Predicting the Mental Health Literacy of Clergy: An Informational Resource for Counselors.		n.a	Mental health	MHL questionnaire	n.a	No	tidak full text
258	Verney, et al	2019	Health literacy, sociodemographic factors, and cognitive training in the active study of older adults	To examined the relationship between sociodemographic variables and health literacy, and the impact of cognitive training on change in health literacy over 10 years in older adults.	≥65	n.a	ACTIVE Assessment	Eastern US	No	bukan penyakit kronik
259	Vidan, et al	2014	FRAIL-HF, a study to evaluate the clinical complexity of heart failure in nondependent older patients: Rationale, methods and baseline characteristics	to evaluate clinical outcomes (mortality and readmission), functional evolution, quality of life, and use of social resources at 1, 3, 6, and 12months after admission in nondependent elderly patients hospitalized for HF.	≥70	Heart Failure	REALM-R	Madrid, Spain	yes	
260	Vogt, et al	2018	Health literacy in old age: results of a German cross-sectional study.	To determine the level of health literacy and the association between health literacy, demographic and socio-economic factors in German older adults	≥65	n.a	HLS-EU-Q47	German	No	bukan penyakit kronik
261	Walker, et al	2011	Predicting suicidal ideation in community-dwelling older adults with elevated levels of distress	Identifying predictors of suicidal ideation in community-dwelling older adults with elevated psychological distress over two years.	≥60	n.a	n.a	n.a	No	tidak full text
262	Wang, et al	2019	Cluster Analysis of Unhealthy Lifestyles among Elderly Adults with Prediabetes: A Cross-Sectional Study in Rural China	To explore the clustering and influencing factors of unhealthy lifestyles among elderly adults with prediabetes in rural China	≥60	Prediabetes	HLDMP (The Questionnaire of Health Literacy of Diabetes Mellitus of the Public)	Yiyang City, China	No	bukan penyakit kronik
263	Wang, et al	2019	Health literacy and exercise-focused interventions on clinical measurements in Chinese diabetes patients: a cluster randomized controlled trial	To evaluate the effectiveness of health literacy and exercise-focused interventions on clinical outcomes among Chinese patients with type 2 diabetes (T2DM)	≥18	Diabetes	HeLMS	China	No	sampel <60
264	Wang, et al	2017	The effect of health literacy and self-management efficacy on the health-related quality of life of hypertensive patients in a western rural area of China: a cross-sectional study.	To examine the association between the HRQL of hypertensive patients and health literacy and self-management efficacy as well as how they affect the HRQL, so as to provide a theoretical reference for improving the HRQL of patients with hypertension in less developed areas.	≥35	Hypertension	The brief HL screening questions (3 item)	China	No	sampel <60
265	Wang, et al	2019	Older Immigrants' Access to Primary Health Care in Canada: A Scoping Review.	examines the existing knowledge surrounding older immigrants' access to, and utilization of, primary care physicians, who play a pivotal role in the delivery of primary care, preventive care, and mental health care	article	n.a	n.a	n.a	No	Review
266	Wannasirikul, et al	2016	Health literacy, medication adherence, and blood pressure level among hypertensive older adults treated at primary health care centers	to explore the causal relationships between health literacy, individual characteristics, literacy, culture and society, cognitive ability, medication adherence, and the blood pressure levels of hypertensive older adults	≥60	Hypertension	Ishikawa: MFCCHL	Thailand	yes	
267	Weiss, et al	2019	Pilot Implementation of a Low-Literacy Zone Tool for Heart Failure Self-management.	to develop, implement, and evaluate a low-literacy zone tool for HF self-management for home-based PC patients and their caregivers.	≥85	Heart Failure	NVS	Southern California	yes	
268	Westlake, et al	2013	How can health literacy influence outcomes in heart failure patients? Mechanisms and interventions.	to describe the mechanisms and consequences of health illiteracy	article	Heart Failure	n.a	n.a	No	Review
269	Wharf Higgins & Begoray	2012	Exploring the Borderlands between Media and Health: Conceptualizing 'Critical Media Health Literacy'.	this article presents the results of a conceptual analysis process using the terms health literacy, critical health literacy, media literacy, critical media literacy, media activism, and critical viewing among others—to arrive at the unique construct of critical media health literacy	article	n.a	n.a	n.a	No	Review
270	Wisnivesky, et al	2012	The association between language proficiency and outcomes of elderly patients with asthma	To evaluate associations between limited English proficiency, asthma self-management, and outcomes in elderly Hispanic patients.	≥60	Asthma	S-TOFHLA	NY, Chicago, USA	yes	
271	Woods, et al	2015	The impact of asthma control on disability in older adults		n.a	Asthma	n.a	n.a	No	tidak full text
272	Woundstra, et al	2019	Patient Education and Counseling Validation of health literacy domains for informed decision making about colorectal cancer screening using classical test theory and item response theory	To construct and validate a computer-based and performance-based instrument to assess health literacy skills for informed decision making in colorectal cancer screening among screening invitees.	≥55	Cancer	SAHL-D NVS-D	Netherlands	No	sampel <60
273	Woundstra, et al	2019	Development and pilot-testing of a colorectal cancer screening decision aid for individuals with varying health literacy levels	To develop and pilot-test a computer-based decision aid to support informed decision making about whether or not to participate in colorectal cancer screening for individuals with varying health literacy levels in the Netherlands	≥55	Cancer	SAHL-D NVS-D	USA	No	sampel <60

