



ISAKOS
CONGRESS
2025



MUNICH
GERMANY
June 8-11

Prevalence of Patients with Limited Health Literacy in Rotator Cuff Pathologies and their experiences with care: A Mixed-Methods Study

Freek Hollman, PhD / Evy Jetten, MSc /
Okke Lambers Heerspink, PhD / Isabella
Klarenbeek, MSc / Taco Gosens, PhD /
Esther Janssen, PhD
The Netherlands



Faculty Disclosure Information

- Nothing to disclosure.



ISAKOS
CONGRESS
2025



MUNICH
GERMANY
June 8-11

Health literacy

Definition & Prevalence

- ‘Health literacy means being able to **access, understand, appraise and use** information and services in ways that promote and maintain good health and well-being’ (WHO, 2021)
- 1 in 3 Dutch citizens has limited health literacy (Pharos, 2024)

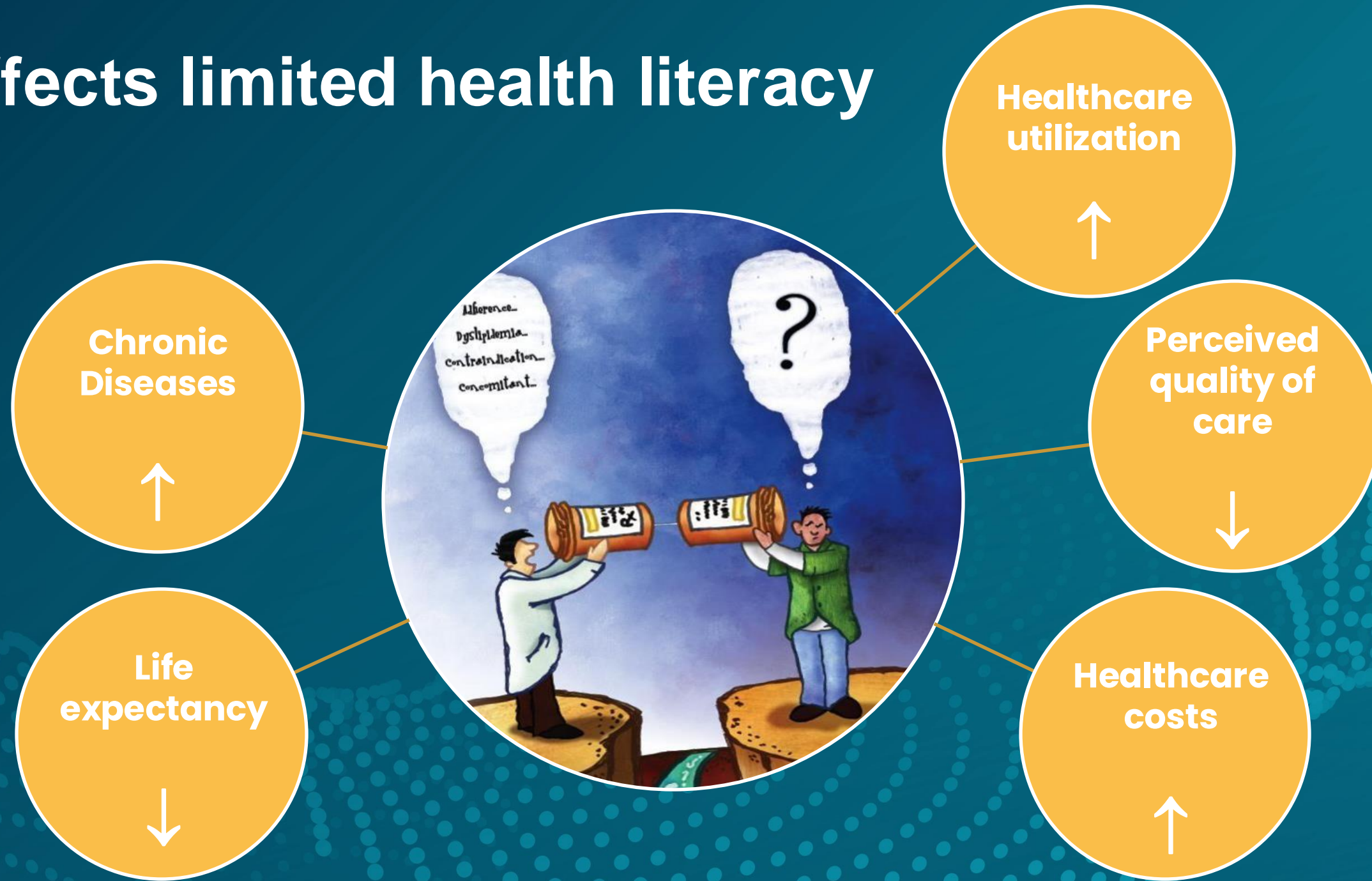


ISAKOS
CONGRESS
2025



MUNICH
GERMANY
June 8-11

Effects limited health literacy



Research objective

1. Prevalence of limited health literacy
2. Experiences and preferences of patients with limited health literacy



Methods

Patient Screening



Interviews

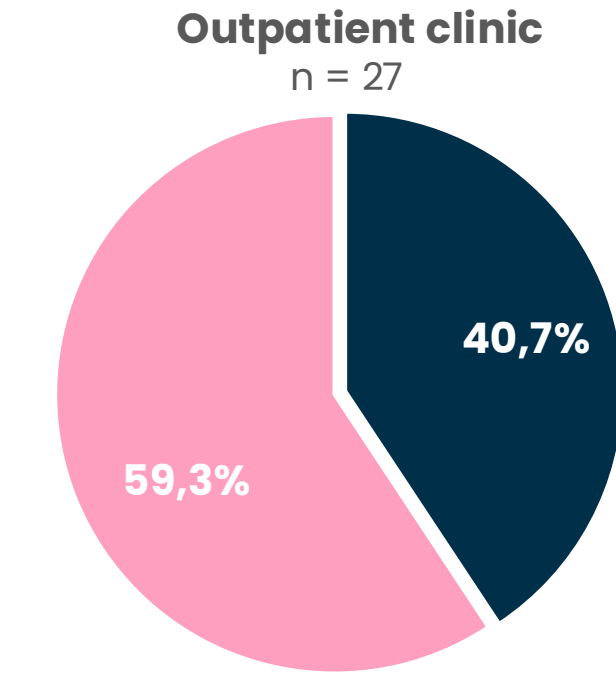
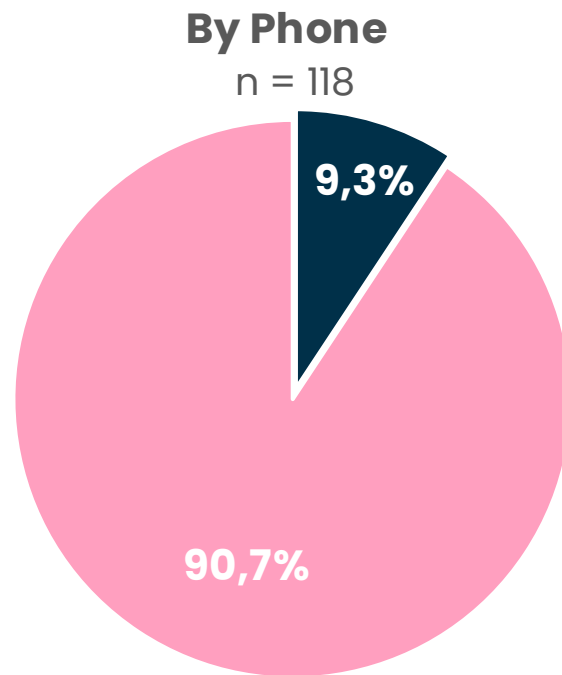
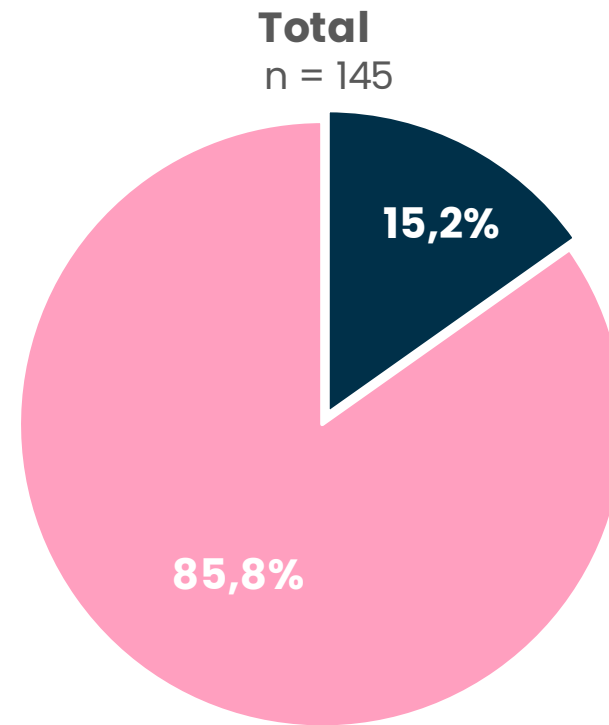


ISAKOS
CONGRESS
2025



MUNICH
GERMANY
June 8-11

Results Prevalence



- Limited health literacy
- No limited health literacy



ISAKOS
CONGRESS
2025



MUNICH
GERMANY
June 8-11

Results

Experiences and preferences



Difficulties in finding
and assessing
information



Preference for
verbal explanation
with supplementary
written information



Support from loved
ones

Results

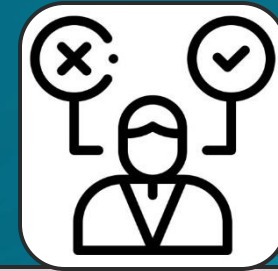
Experiences and preferences



Challenges with
using technology



Preference to
discuss all
treatment options



Feeling that there is
only one treatment
option



ISAKOS
CONGRESS
2025

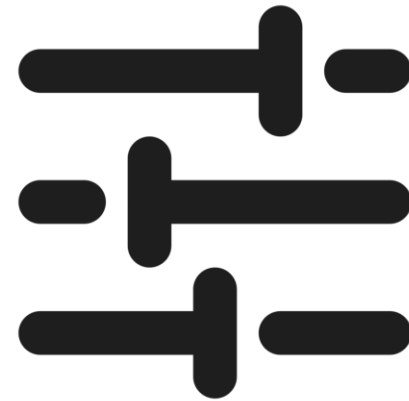


MUNICH
GERMANY
June 8-11

Discussion



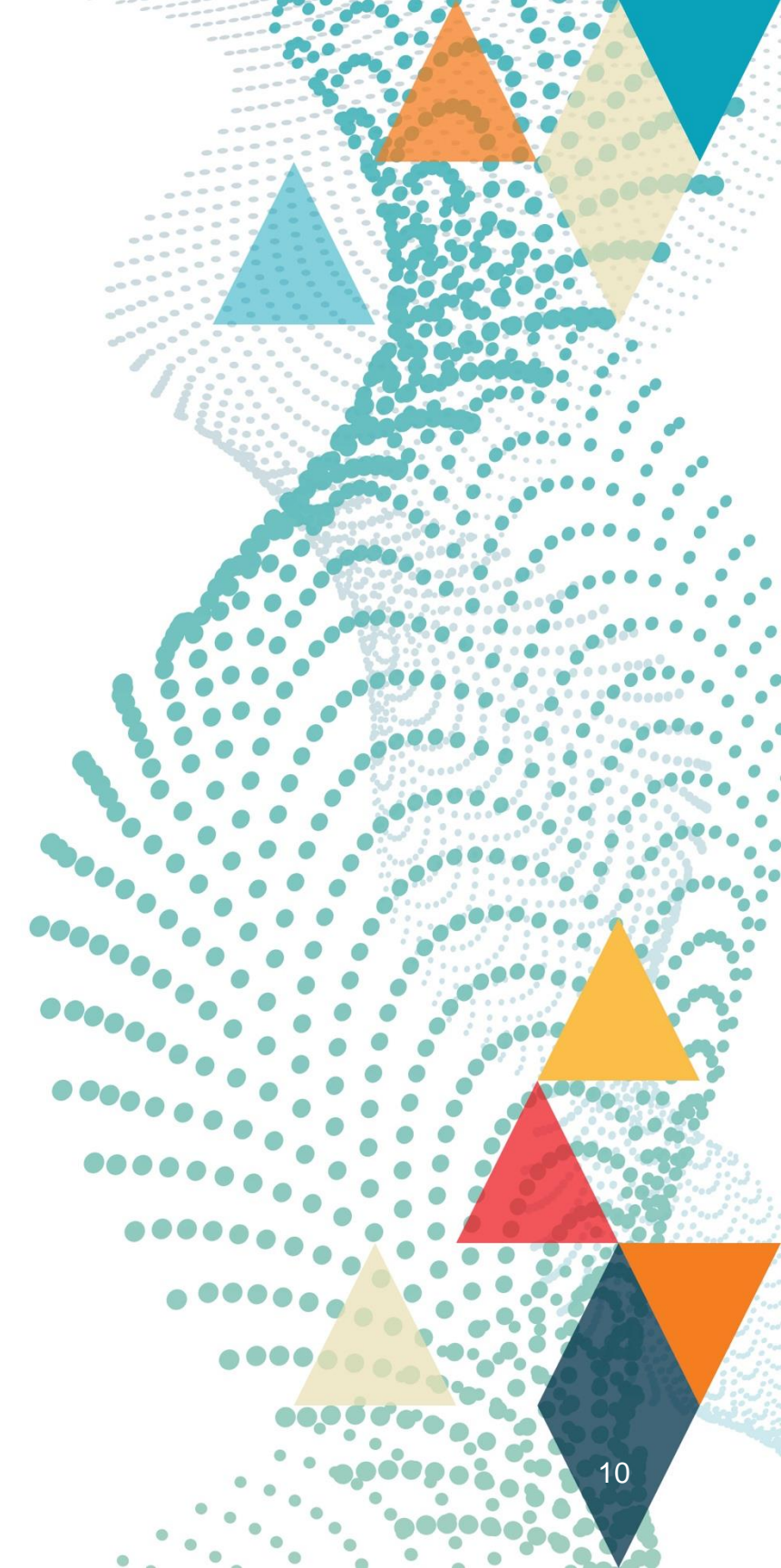
Identify



Personalize care



Knowledge

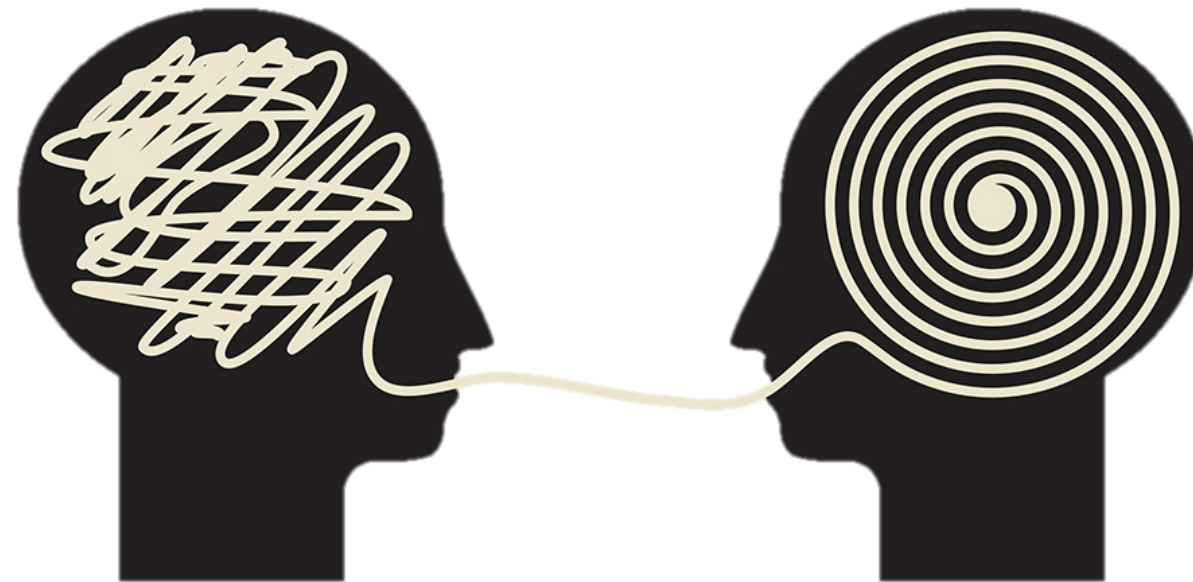


ISAKOS
CONGRESS
2025



MUNICH
GERMANY
June 8-11

Together, we ensure clear and accessible healthcare!



ISAKOS
CONGRESS
2025



MUNICH
GERMANY
June 8-11

References

- Hasnain-Wynia R, Wolf MS. Promoting health care equity: is health literacy a missing link?. Health services research. 2010 Aug;45(4):897.
- Twickler TB, Hoogstraaten E, Reuwer AQ, Singels L, Stronks K, Essink-Bot ML. Low literacy and limited health literacy require health care measures. Nederlands Tijdschrift voor Geneeskunde. 2009 Jan 1;153:A250-.
- Lans A, Bales JR, Fourman MS, Borkhetaria PP, Verlaan JJ, Schwab JH. Health Literacy in Orthopedic Surgery: A Systematic Review. HSS Journal®. 2022 Jul 15:15563316221110536.
- Edwards PK, Ebert JR, Littlewood C, Ackland T, Wang A. Effectiveness of formal physical therapy following total shoulder arthroplasty: A systematic review. Shoulder & Elbow. 2020 Apr;12(2):136-43.
- Morris NS, MacLean CD, Chew LD, Littenberg B. The Single Item Literacy Screener: evaluation of a brief instrument to identify limited reading ability. BMC family practice. 2006 Dec;7(1):1-7.
- Pharos. Laaggeletterdheid en beperkte gezondheidsvaardigheden <https://www.pharos.nl/factsheets/laaggeletterdheid-en-beperkte-gezondheidsvaardigheden/>. 2024 Nov.
- Puzzitiello RN, Colliton EM, Swanson DP, Menendez ME, Moverman MA, Hart PA, Allen AE, Kirsch JM, Jawa A. Patients with limited health literacy have worse preoperative function and pain control and experience prolonged hospitalizations following shoulder arthroplasty. Journal of Shoulder and Elbow Surgery. 2022 Jun 4.
- World Health Organization. (2021). Health promotion glossary of terms 2021.

