

<b>Paper Category:</b>	Prevention and Public Health
<b>Paper Title:</b> (Arial Font; 14 Pt Size)	<b>Mediating Role of Health Literacy in Relationship between Frailty and Health Related Quality of Life in Community Dwelling Older Adults</b>
<b>Abstract Body:</b> (Arial Font; 12Pt Size)	<ul style="list-style-type: none"> <li>• Background</li> <li>• Objectives</li> <li>• Method</li> <li>• Results</li> <li>• Discussions and Conclusions</li> </ul>
<p>• <b>Background</b> Aging is a global problem; hence, attention is focused on empirical research and policy on frailty as an integrated management for old age. Frailty has a negative effect on quality of life (QOL), health literacy (HL) has a positive relationship with QOL, and frailty and HL have a negative relationship. Therefore, the influence of the structural relationship among factors related to frailty, HL, and QOL should be examined.</p> <p>• <b>Objectives</b> This study aimed to confirm the effect of frailty on the QOL of the elderly based on previous studies and to confirm the effect of frailty on the QOL through HL.</p> <p>• <b>Method</b> The data used in this study were from the Korean Frailty and Aging Cohort Data and the National Health Insurance Database by the National Evidence-based Healthcare Collaborating Agency. We utilized Baron and Kenny's three-step mediating effect verification method.</p> <p>• <b>Results</b> The three-step regression analysis revealed that frailty had a statistically significant negative impact on HL. Furthermore, frailty had a statistically significant negative impact on health-related QOL. A model that considered both frailty, as an independent variable, and HL, as the mediator, revealed that HL had a statistically significant positive impact on health-related QOL. The model also indicated that the <math>\beta</math> value of frailty was <math>-0.20</math>, which was lower than the <math>\beta</math> value from the second analysis (<math>-0.22</math>). Furthermore, this model highlighted the statistically significant impact of frailty on QOL.</p> <p>• <b>Discussions and Conclusions</b> Therefore, our results suggest that HL plays a partial mediating role in the relationship between frailty and QOL. This study contributes information on managing health in the elderly by analyzing the mediating effects of HL on frailty and QOL.</p>	

Date of Submission: 03.07.2023.

Total number of words: 272

Please submit the completed abstract form by 12 July 2023 via the online submission portal at (<https://sgms.org.sg/abstract-submission/>.)

### **Instructions**

1. The names of the author and co-authors must **not** be identifiable on this form.
2. Abstract body should not exceed 300 words.
3. Abstract title to be in Arial Font & Bold 14Pt and abstract body to be in Arial Font & 12Pt.
4. The use of standard abbreviations is acceptable. Place special or unusual abbreviations in brackets after the full word the first time it appears.
5. The use of tables, graphs, and other types of images in abstracts is not permitted.
6. Please submit this form in PDF format.
7. Only abstracts submitted via the online submission portal will be accepted.