

Peer Review Report

Review Report on Multilevel factors influencing the requirement for geriatric nursing by older adults living with HIV: a cross-sectional study

Original Article, Int J Public Health

Reviewer: Laurent GETAZ

Submitted on: 30 Jan 2024

Article DOI: 10.3389/ijph.2024.1606820

EVALUATION

Q 1 Please summarize the main findings of the study.

This study explores social support, stigma and factors associated with requirements in a population of people over 50 living with HIV in a region of China. It shows that social support is lower than in the general population, and that HIV stigmatization is higher than in younger populations living with HIV. Also, "healthcare needs" are higher among participants with lower incomes, and "living care needs" are higher among people with more comorbidities. Also requirements for medical cost reduction and ARV are high. The authors conclude that these data demonstrate that HIV-infected elderly people should be incorporated into the national pension security plan, and that their level of social security should be improved in China.

Q 2 Please highlight the limitations and strengths.

One of the strengths of this study is the impact these results should have on improving access to healthcare among this vulnerable population. These data are important in promoting universal access to healthcare and social support that does not exclude the most vulnerable.

A major limitation of this work is precisely the absence of a paragraph describing its limitations (see below): a) Depending on the methodology used, associations can be demonstrated, but not causal relationships. B) Generalisation of data throughout China

Q 3 Please provide your detailed review report to the authors. The editors prefer to receive your review structured in major and minor comments. Please consider in your review the methods (statistical methods valid and correctly applied (e.g. sample size, choice of test), is the study replicable based on the method description?), results, data interpretation and references. If there are any objective errors, or if the conclusions are not supported, you should detail your concerns.

Major comments: see attachment

PLEASE COMMENT

Q 4 Is the title appropriate, concise, attractive?

yes

Q 5 Are the keywords appropriate?

No: "old age care" and "requirements" are not MeSH keywords

Q 6 Is the English language of sufficient quality?

I'm not a native English speaker, so I'm not entitled to judge the level of language. Nevertheless, this manuscript should be proofread and corrected by a native English speaker.

- o Line 83 "Old age care needs: is a self-designed questionnaire containing 17 items, ...": inconsistent sentence structure and spelling of "containing".
- o Line 165, 167: "those who living alone..."; "those who having four...": I would suggest wording the sentences differently or adding commas.
- o Line 216: "Compared with those had more than 4 chronic diseases, »: the sentence isn't grammatically correct.
- o Line 165 "those who living alone" => replace with "those who live alone"? Table 3: "not needs", "escort service of going to a doctor": to be corrected

Q 7 Is the quality of the figures and tables satisfactory?

No.

Q 8 Does the reference list cover the relevant literature adequately and in an unbiased manner?)

yes

QUALITY ASSESSMENT

Q 9 Originality	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Q 10 Rigor	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 11 Significance to the field	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Q 12 Interest to a general audience	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 13 Quality of the writing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q 14 Overall scientific quality of the study	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REVISION LEVEL

Q 15 Please make a recommendation based on your comments:

Major revisions.