

Effect of Online Education on Physician Knowledge and Confidence Regarding the Impact that Stigma has on Health Outcomes in People Living with HIV

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Glasgow HIV

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BACKGROUND

People living with HIV (PLWHIV) experience high levels of stigma which may manifest as self-stigma, perceived stigma, or external/ enacted stigma^{1,2}. Stigma is also compounded by experiencing health inequity. Experiencing stigma has been found to impact PLWHIV antiretroviral adherence, virological failure, morbidity, and mortality^{3,4}. We assessed whether

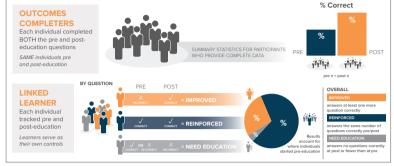
an online independent medical education activity could improve the knowledge and confidence of HIV physicians and public health and preventive medicine specialists (PHPMS) regarding the impact that stigma has for PLWHIV and the association between stigma and other negative health outcomes.



A 30-minute in depth round table discussion between 3 leading experts in the management of PLWHIV⁵. The activity was launched in 4/6/2021 and data collected from 4/6/2021 to 10/14/2021



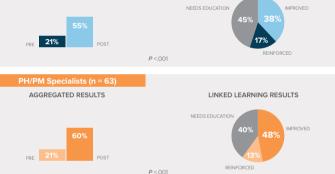
How to Read the Linked Learner Assessment



RESULTS







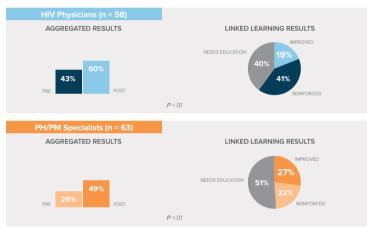
How much higher is the prevalence of bipolar disease in individuals who experience stigma?

Education significantly improved HIV and public health and preventive medicine specialists knowledge regarding the impact of stress, depression, and stigma on the immune system



QUESTION 2 RESULTS

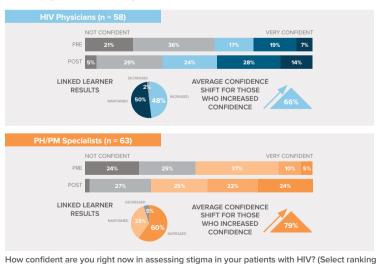
A significant increase in knowledge regarding the levels and types of stigma aging PLWHIV experience was reported for both HIV physicians and public health and preventive medicine specialists



Aging people living with HIV (PLWH) experience multiple forms of stigma. Which of the following types of stigma is NOT specifically associated with stigma that aging PLWH experience? (Correct Answer: Being seen as a burden on caregivers)

CONFIDENCE ANALYSIS

60% of public health and preventive medicine specialists and 48% of HIV physicians had a measurable improvement in confidence following education with very high average total confidence shifts of 79% and 66% for public health and preventive medicine specialists and HIV physicians, respectively







In female macaque monkeys, stigma has been found to negatively impact which of the following immune system functions? (Correct Answer: Immune cell proportions)

from 1 [Not confident] to 5 [Very confident])

CONCLUSIONS

- Online medical education significantly improved physician knowledge regarding the types of stigma that PLWHIV experience and the consequences of stigma on PLWHIV's mental health.
- Additionally, physicians who participated in the education experienced an increase in their confidence to assess stigma and the consequences of stigma for their patients living with HIV.
- These knowledge and confidence gains have important implications for physicians who . manage patients with HIV so they can advance their understanding regarding the burden that stigma can exert on PLWHIV's overall health, mental health, presence of comorbidities and adherence to antiretroviral therapy

ACKNOWLEDGEMENTS

pported by an independent education ww.medscape.org/viewarticle/948521

For more information, please con Dr Julia Duffey

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