

**Abstract**

**Title:** [Psychosocial Predictors of HBV Screening Behavior among Vietnamese Americans.](https://urldefense.proofpoint.com/v2/url?u=http-3A__www.ncbi.nlm.nih.gov_pubmed_28760178&d=DwMEaQ&c=clK7kQUTWtAVEOVIgvi0NU5BOUHhpN0H8p7CSfnc_gI&r=iFavz6KbtuaSFObSvuCXnLmt5VbY86Jha1tKLeBFedI&m=dXYz1WKbzCe0vcNYG_i4bRSO8lJFLCgwh-4bFmd1z84&s=VdeVFOzrVS397uMdlRBQND-e11f-FTF-tf-L_5Ptg-M&e=)

**Authors:** [Lee M](https://www-ncbi-nlm-nih-gov.ucsf.idm.oclc.org/pubmed/?term=Lee%20M%5BAuthor%5D&cauthor=true&cauthor_uid=28760178)1, [Zhu L](https://www-ncbi-nlm-nih-gov.ucsf.idm.oclc.org/pubmed/?term=Zhu%20L%5BAuthor%5D&cauthor=true&cauthor_uid=28760178)1, [Wang MQ](https://www-ncbi-nlm-nih-gov.ucsf.idm.oclc.org/pubmed/?term=Wang%20MQ%5BAuthor%5D&cauthor=true&cauthor_uid=28760178)2, [Wei Z](https://www-ncbi-nlm-nih-gov.ucsf.idm.oclc.org/pubmed/?term=Wei%20Z%5BAuthor%5D&cauthor=true&cauthor_uid=28760178)3, [Tan Y](https://www-ncbi-nlm-nih-gov.ucsf.idm.oclc.org/pubmed/?term=Tan%20Y%5BAuthor%5D&cauthor=true&cauthor_uid=28760178), [Nguyen MT](https://www-ncbi-nlm-nih-gov.ucsf.idm.oclc.org/pubmed/?term=Nguyen%20MT%5BAuthor%5D&cauthor=true&cauthor_uid=28760178)4, [Ogunwobi OO](https://www-ncbi-nlm-nih-gov.ucsf.idm.oclc.org/pubmed/?term=Ogunwobi%20OO%5BAuthor%5D&cauthor=true&cauthor_uid=28760178)5, [Ma GX](https://www-ncbi-nlm-nih-gov.ucsf.idm.oclc.org/pubmed/?term=Ma%20GX%5BAuthor%5D&cauthor=true&cauthor_uid=28760178)6.

**Author Information:**

1. Postdoctoral Associate, Center for Asian Health, Lewis Katz School of Medicine, Temple University, Philadelphia, PA.
2. Professor, Department of Behavioral and Community Health, School of Public Health, University of Maryland, College Park, MD.
3. Research Associate, Center for Asian Health, Lewis Katz School of Medicine, Temple University, Philadelphia, PA.
4. 4 Director, Section of Clinical Gastroenterology, Department of Medicine, Fox Chase Cancer Center, Temple University Health System, Philadelphia, PA.
5. Associate Professor, Department of Biological Sciences, Hunter College of the City University of New York, New York, NY.
6. Associate Dean for Health Disparities, Director, Center for Asian Health, Laura H. Carnell Professor and Professor in Clinical Sciences, Lewis Katz School of Medicine, Temple University Philadelphia, PA, Email: grace.ma@temple.edu.

**Publication:** [Am J Health Behav.](https://www.ncbi.nlm.nih.gov/pubmed/28760178) 2017 Sep 1;41(5):561-570. doi: 10.5993/AJHB.41.5.5.

**Abstract:**

OBJECTIVE:

We evaluated the influence of psychosocial factors on HBV screening.

METHODS:

Sample consisted of 1716 Vietnamese participants in our previous HBV intervention trial, recruited from 36 community-based organizations in Pennsylvania, New Jersey, and New York City between 2009 and 2014. Using the Health Belief Model and Social

Cognitive Theory, we measured self-efficacy, knowledge, perceived barriers, perceived benefits, perceived severity, and risk susceptibility. Analysis of covariance was used to compare pre- and

post-intervention changes of psychosocial variables. Structural equation modeling was used to explore the direct and indirect effects of the psychosocial variables on HBV screening.

RESULTS:

Knowledge, self-efficacy, perceived benefits, and perceived barriers were directly associated with HBV screening; knowledge had the strongest effect. Perceived severity and risk susceptibility had indirect association with HBV screening through other variables. Indirect paths among the 6 psychosocial variables were also identified.

CONCLUSION:

To promote HBV screening among Vietnamese Americans, intervention efforts should focus on increasing knowledge, self-efficacy, and perceived benefits, decreasing perceived barriers, and accounting for the dynamic cognitive processing.