

Use of a Crowdsourced Needs Assessment to Create an Innovative Microlearning Program to Address Healthcare Professionals' Misunderstandings in Applying Hepatitis B Virus Treatment Guidelines

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Healthcare Problem

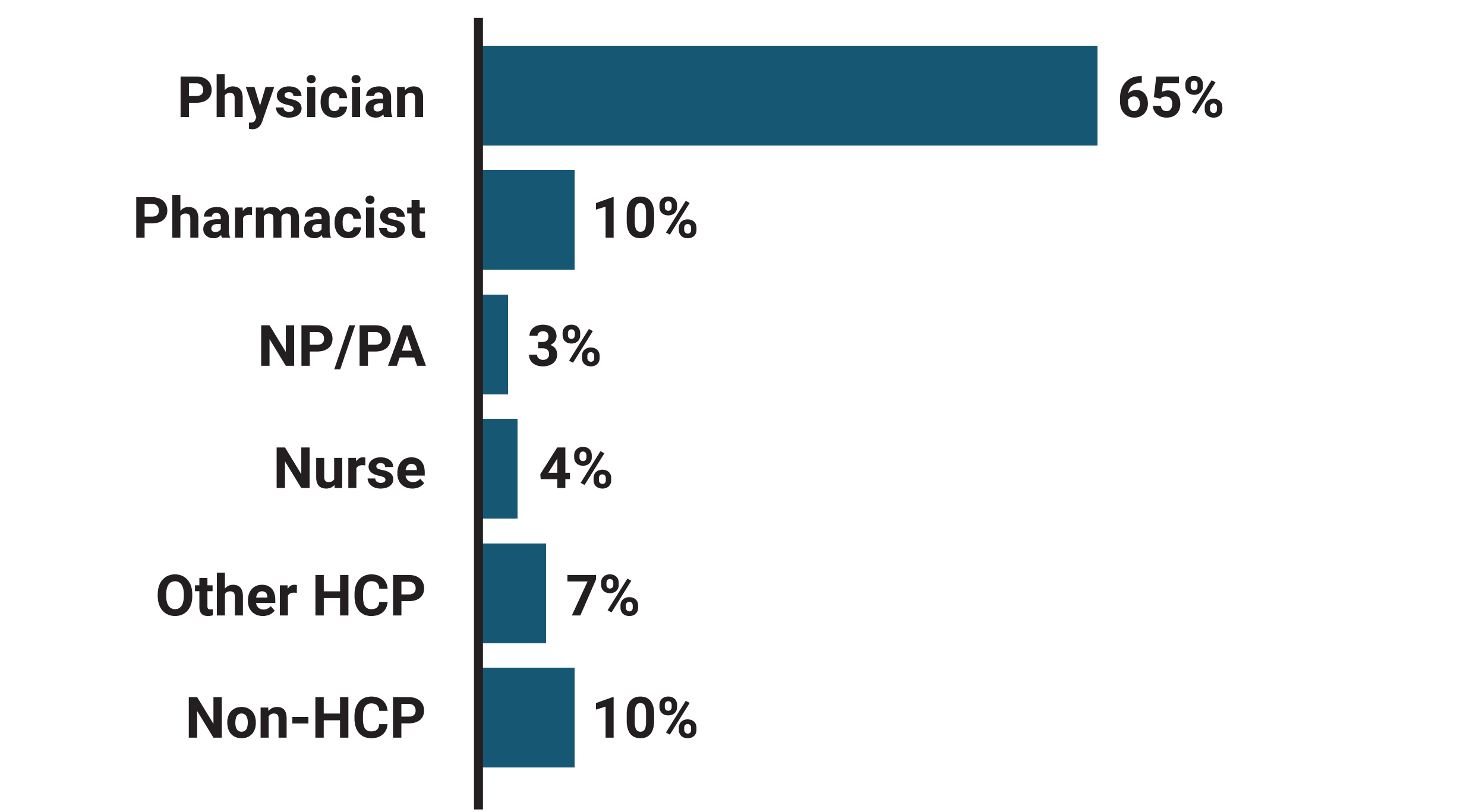
- Patient variables informing HBV management are complex and interconnected
- A point-of-care app, *Hep B Consult*, was developed for HCPs to receive patient-tailored recommendations by AASLD, APASL, or EASL guidelines
- A prior analysis of results from this app showed that HCPs' chosen strategies differed from HBV guideline recommendations in 43% of the cases entered

Aim

- To characterize the **educational impact** and **remaining knowledge gaps** among HCPs following tailored education on practice guidelines

Learner Information

- **15,408 learners** interacted with program content between February 2021 and December 2021



AASLD, American Association for the Study of Liver Diseases; APASL, Asian Pacific Association for the Study of the Liver; EASL, European Association for the Study of the Liver; HBV, hepatitis B virus; HCC, hepatocellular carcinoma; HCP, healthcare professional; NP, nurse practitioner; PA, physician associate/physician assistant.

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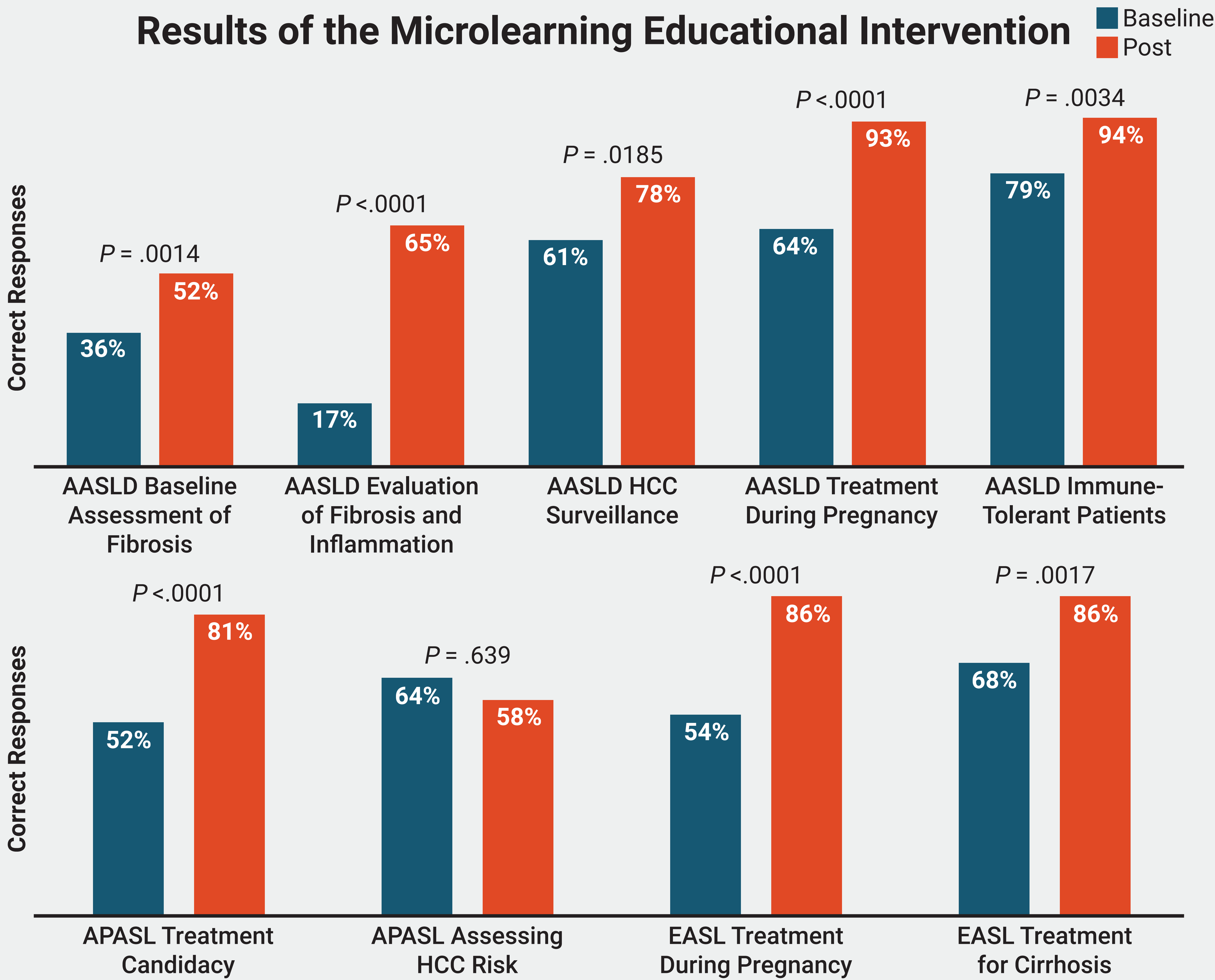
Educational Program Design



Gaps Identified

Determining treatment candidacy, monitoring patients/drugs, and individualizing treatment selection

Results of the Microlearning Educational Intervention

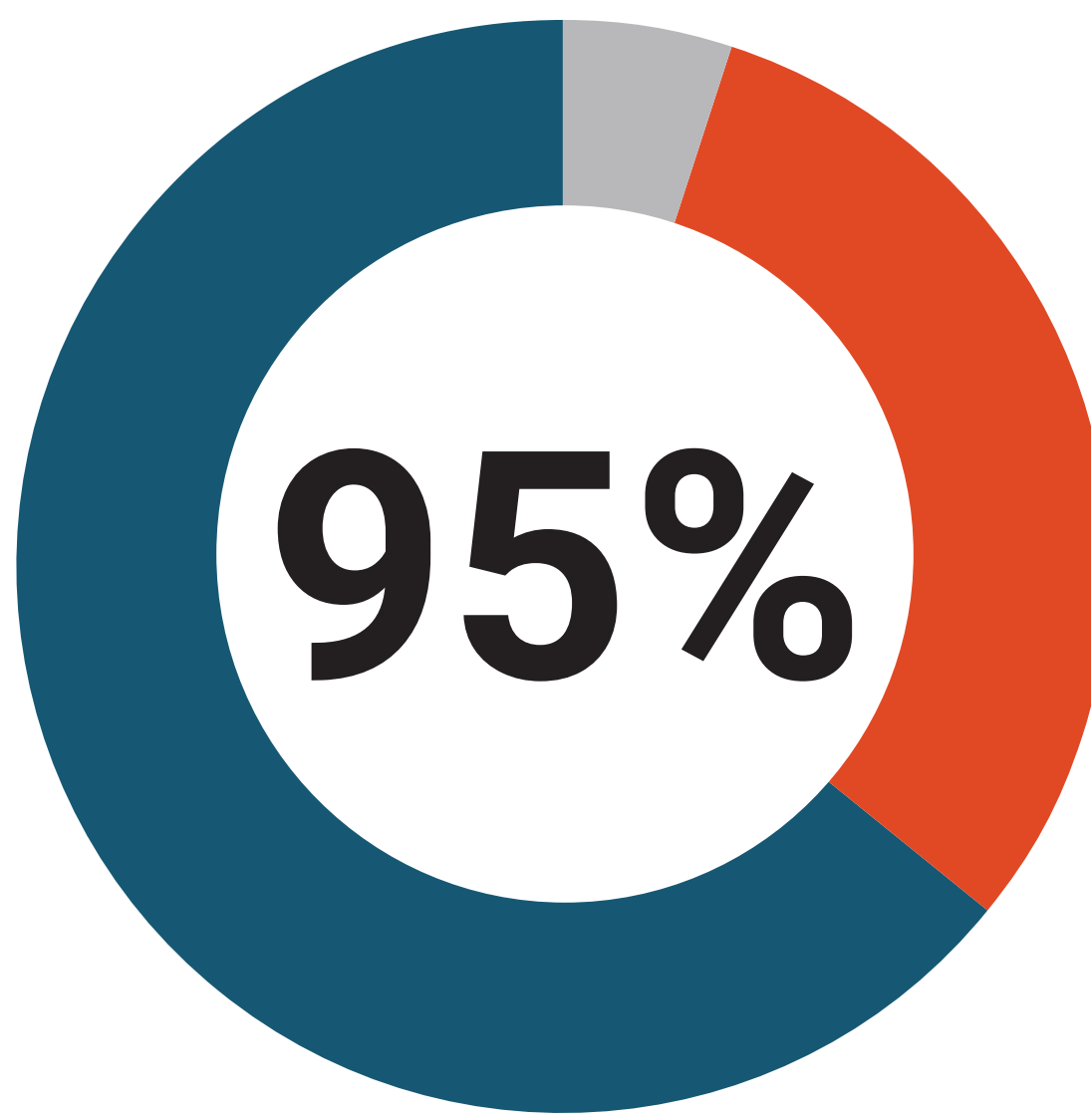


574 learners participated in the online outcomes study

Educational Program Impact

Positive Impact on Practice

Confirmed Best Practice (64%)



Changed Clinical Practice (31%)

Patient Impact



43,628

Estimated Number of Patients to Benefit From Learner Participation

Conclusion

- Our innovative approach to crowdsource information and identify knowledge gaps via the *Hep B Consult* app to create and implement a targeted microlearning program was successful
- This model could be adapted and applied to other therapeutic topics

Author Disclosures

The planners and content peer reviewers from Clinical Care Options, LLC do not have any relevant financial relationships to disclose.

For More Information

See the crowdsourced data



Try the *Hep B Consult* app

