

HCC INNOVATIONS

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BACKGROUND

Hepatocellular carcinoma (HCC) is the most common type of primary liver cancer. HCC occurs most often in people with chronic liver diseases, such as cirrhosis caused by hepatitis B (HBV) or hepatitis C viral (HCV) infections. HCC is the third leading cause of cancer deaths worldwide¹ and the threat of HCC is expected to continue to grow in the coming years.² Fortunately, effective and efficient care for patients with HCC is evolving; new drugs have been approved for HCC in recent years.

In response, the joint-providership of Rehoboth McKinley Christian Health Care Services (RMCHCS) and the Chronic Liver Disease Foundation (CLDF) implemented HCC Innovations, a live virtual meeting series in collaboration with The University of New Mexico's Project Extension for Community Healthcare Outcomes (ECHO). Project ECHO is a collaborative model of medical education and care management that empowers clinicians everywhere to provide better care to more people, right where they live.³ HCC Innovations featured case-based education on the diagnosis, management and treatment of HCC.

LEARNING OBJECTIVES

- Explain data on the prevalence and consequences of HCC
- Demonstrate strategies to incorporate classification, diagnostic and treatment updates into clinical practice to individualize treatment strategies
- Analyze recently approved and emerging treatment options and understand how new agents are improving the standard of care for all HCV patients

Ongoing Learning Community

PROJECT ECHO

In the U.S. and around the world, people are not getting the care they need, when they need it, for complex but treatable conditions.

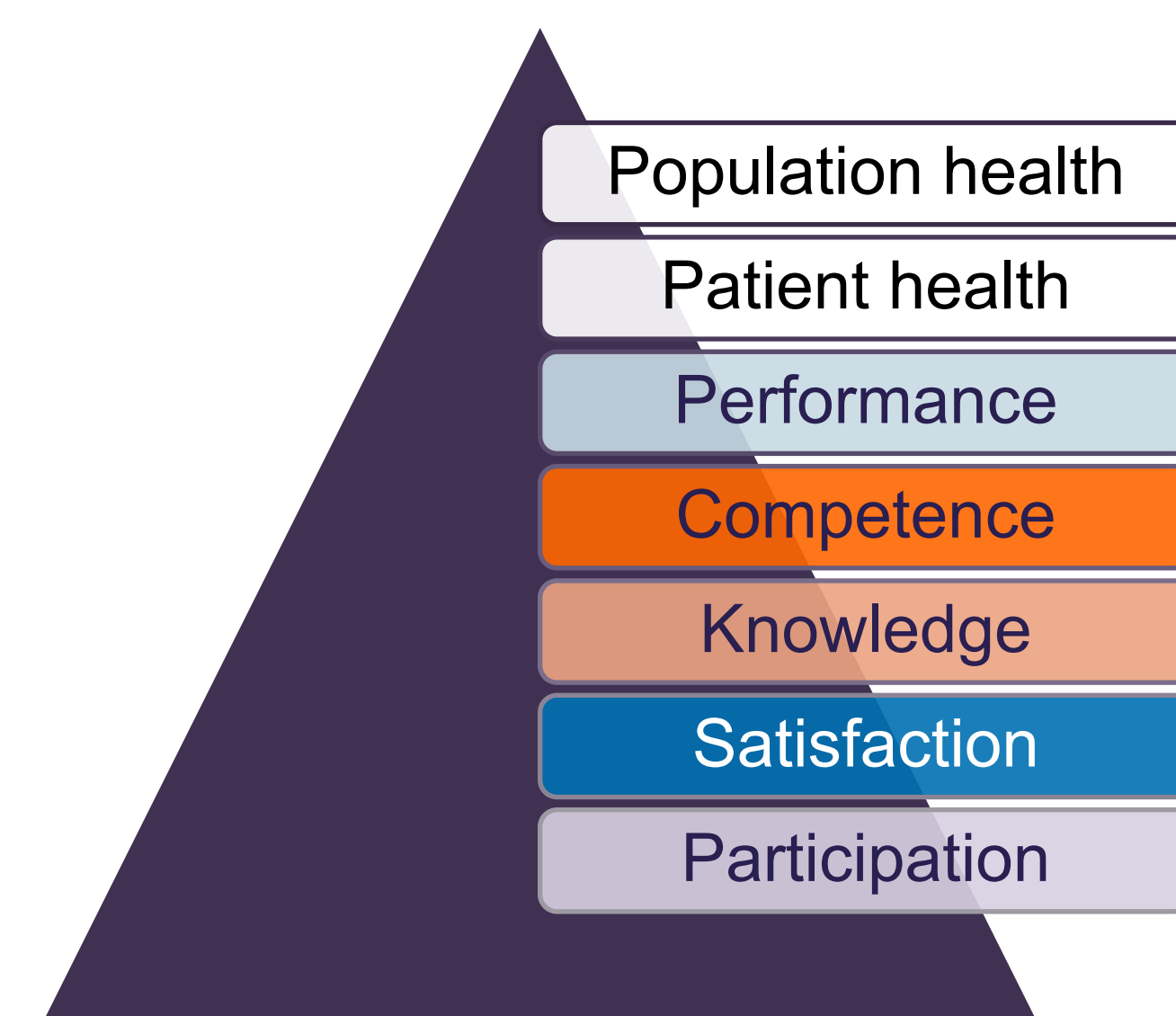
Moving Knowledge, Not Patients

Through telementoring, ECHO builds capacity and creates access to high-quality specialty care serving local communities.

Hub and spoke knowledge-sharing networks create a learning loop:

- Community providers learn from specialists.
- Community providers learn from each other.
- Specialists learn from community providers as best practices emerge.

Outcomes Methodology



METHOD

PRE-POST ASSESSMENT:
 Understand learner demographics and satisfaction, as well as knowledge and competence change due to the activity.

POST-CONTROL ASSESSMENT:
 Case-based follow-up assessment to determine learner performance following the activity compared to a matched non-learner control.

RESULTS

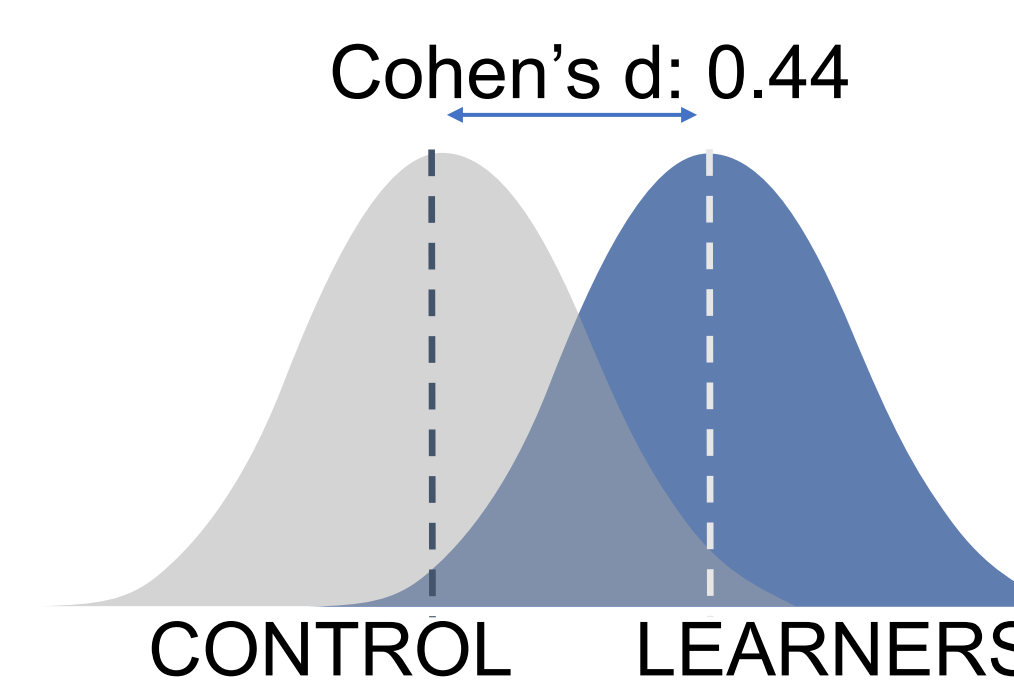
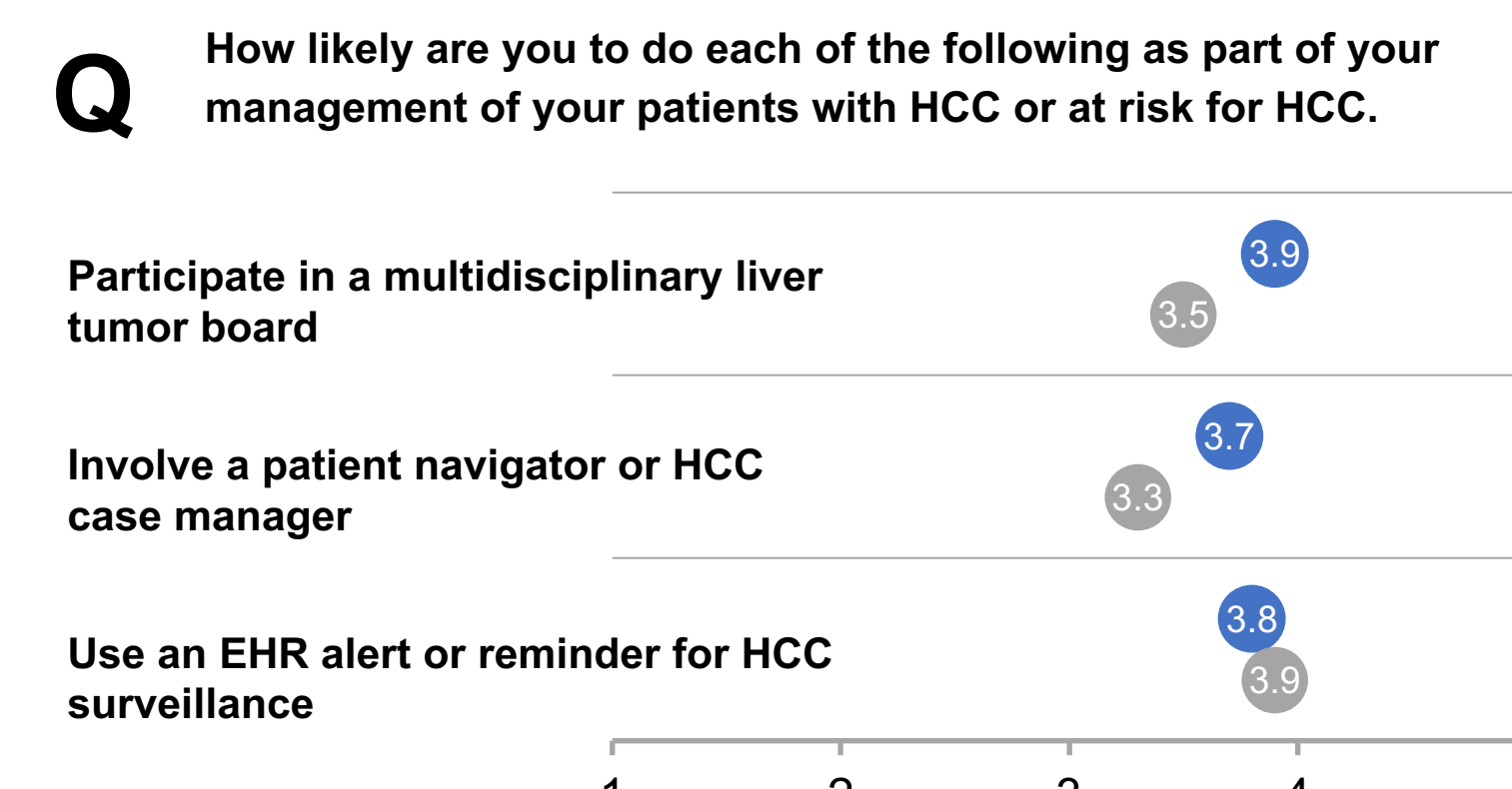
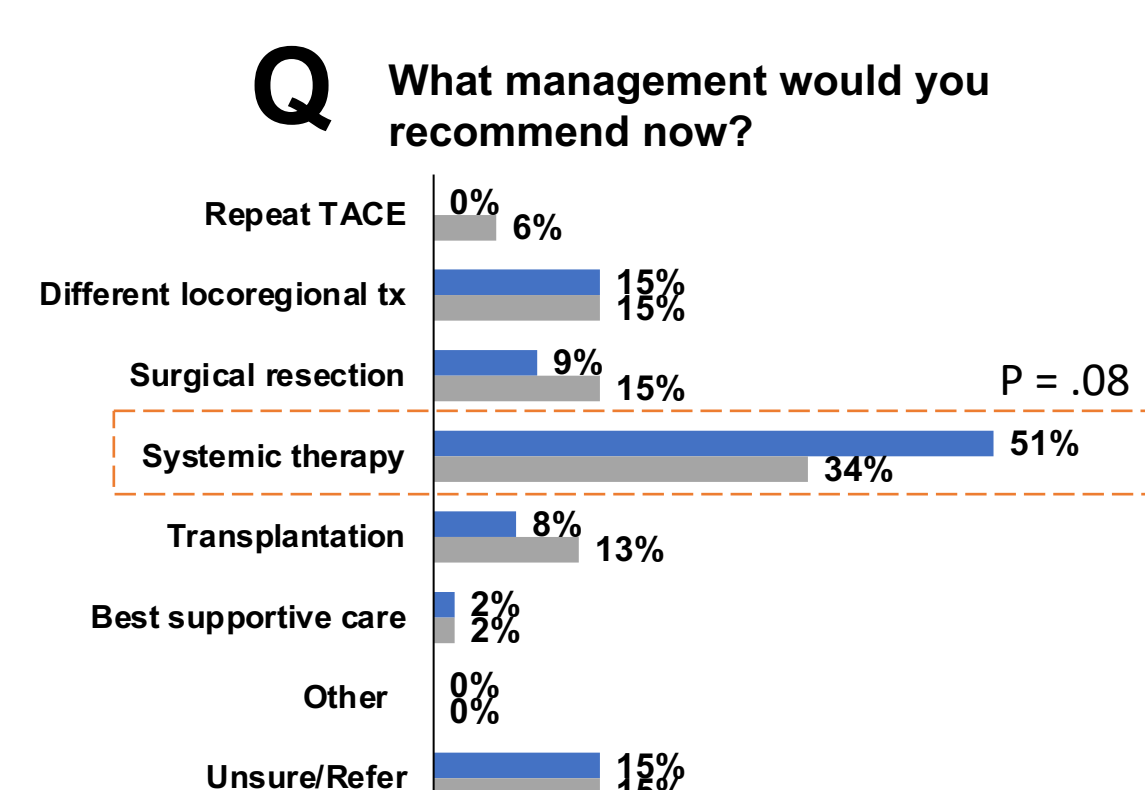
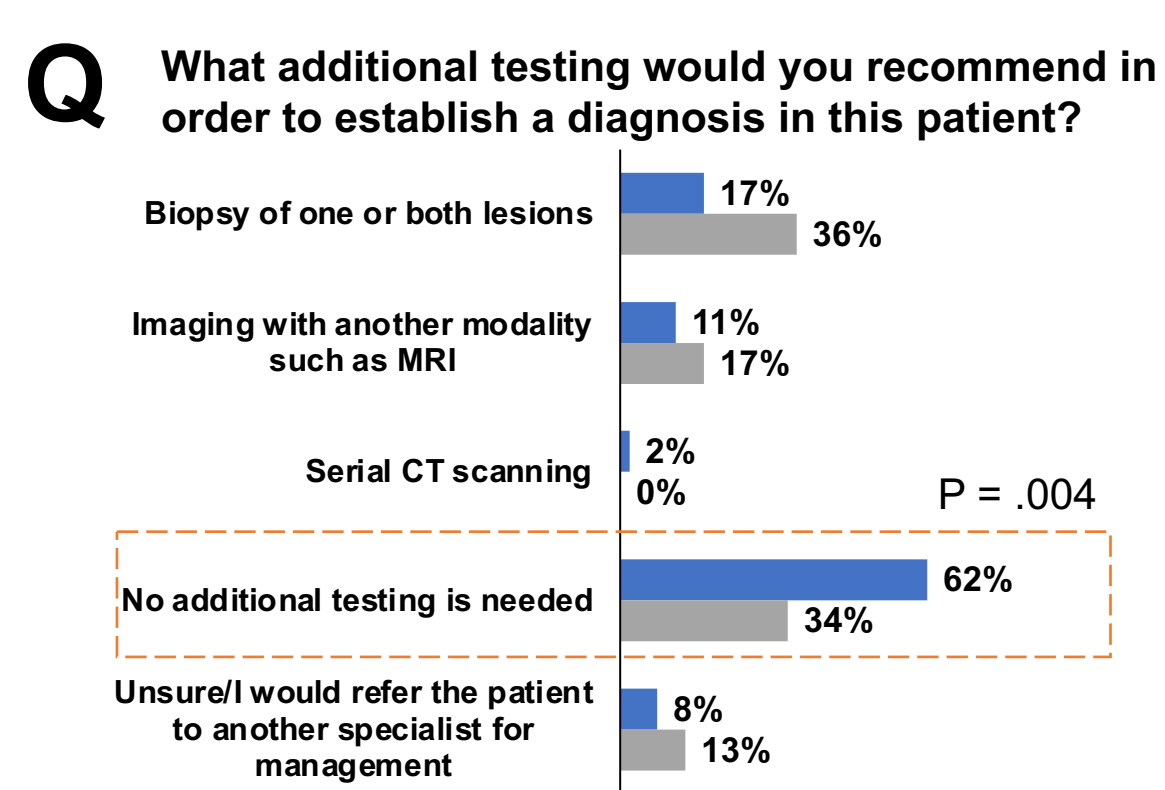


Audience: **279 total clinicians** who manage patients with HCC from 20 local/regional meetings.

Learners see, on average, 4 patients per month with HCC. Based on 279 participating clinicians, **over 1,100 monthly touchpoints with patients with HCC** may benefit from improved evidence-based care as a result of this program.

Performance Outcomes Highlights

Using a follow-up study to assess performance, specific improvements were shown when comparing **learners** (n = 53) to **non-learners** (n = 53), including:



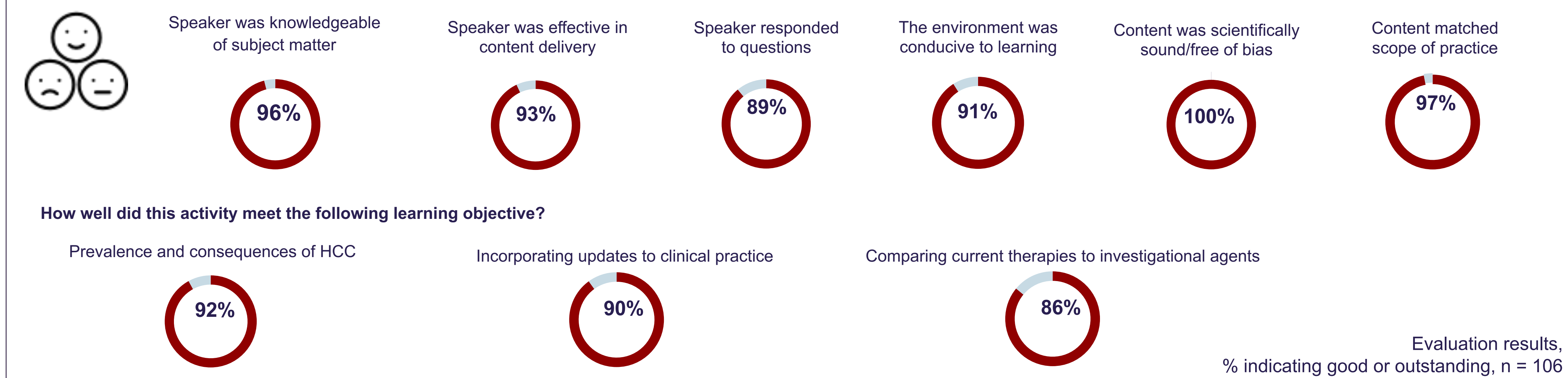
Overall, this activity led to a performance effect size of 0.44, **indicating a performance shift of 30% compared to their peers.**

- ### Future educational opportunities
- Appropriate testing to establish a HCC diagnosis and initial workup
 - Selecting between initial treatment options and transplant
 - Familiarity with new and emerging HCC therapies, and confidence in selecting and managing systemic therapy
 - Coordinating a multidisciplinary team

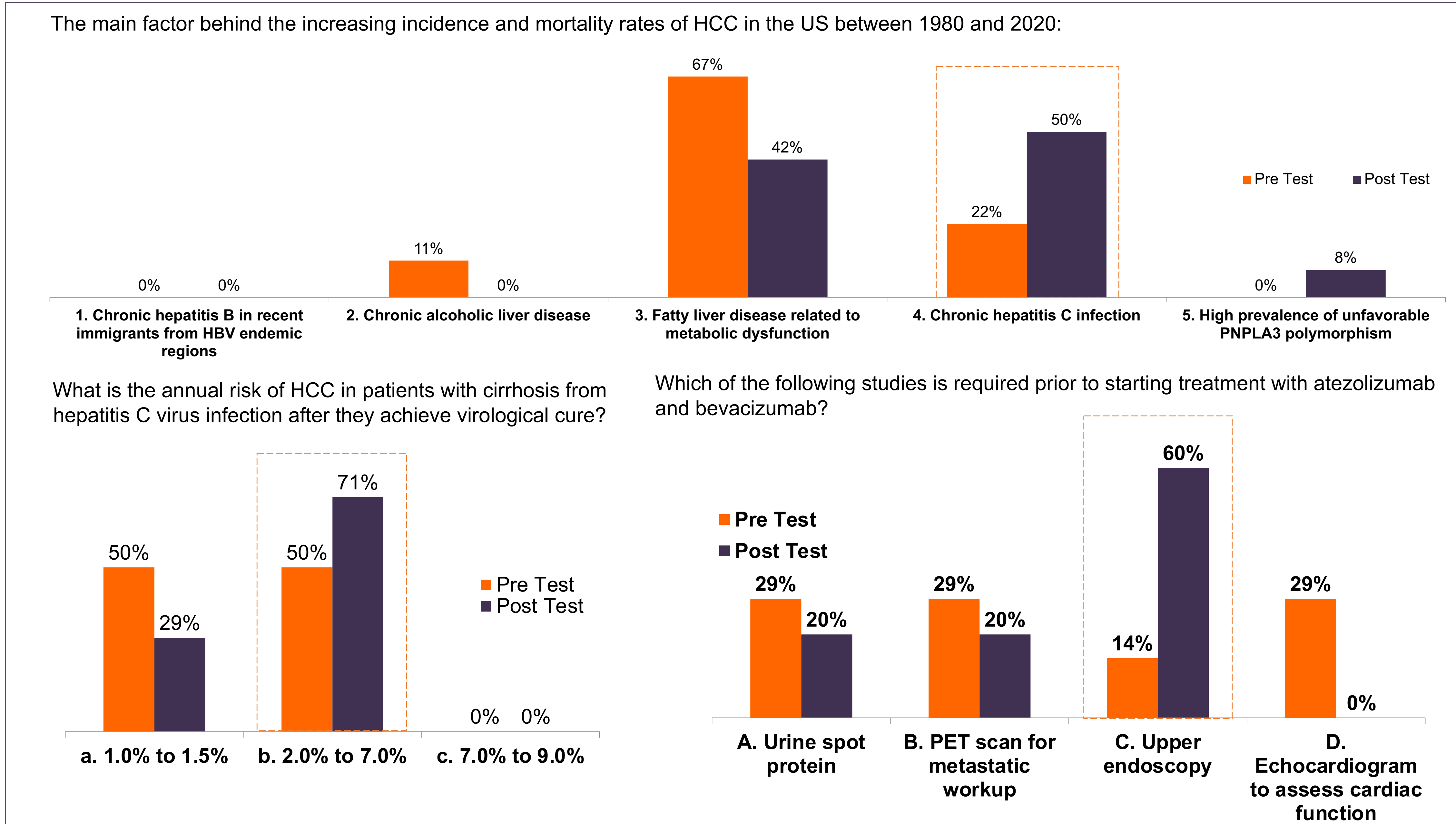
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2. Llovet JM, Fuster J, Bruix J, Barcelona-Clinic Liver Cancer Group. The Barcelona approach: diagnosis, staging, and treatment of hepatocellular carcinoma. Liver Transpl. 2004 Feb. 10 (2 Suppl 1):S115-20.
3. <https://echo.unm.edu/about-echo/>

Satisfaction



Knowledge and Competence Outcomes Highlights



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1. Hepatocellular Carcinoma. Available at: <https://emedicine.medscape.com/article/197319-overview>. Accessed February 11, 2019.
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