MJA 221 (7) • 7 October 2024

1989 and 1995. These results cannot be generalised to modern clinical practice, given the considerable paradigm shift in surveillance, diagnosis and treatment over the past three decades.

In the absence of additional randomised trials, Braillon has shown that there remains some debate about the overall value of HCC surveillance. Further randomised trials are, however, unlikely to be practical or ethically feasible, given surveillance is a well established standard of care worldwide. A systematic review of contemporary observational data has found that HCC surveillance in cirrhotic patients results in early detection and improved survival due to curative treatment receipt, although the incidence and magnitude of surveillance-related harm is less well studied.<sup>5</sup>

IN REPLY: On behalf of my co-authors.

I thank Braillon for their interest in our

article. As highlighted by Braillon, we

accept there are some methodological

investigated hepatocellular carcinoma

B patients with or without cirrhosis.<sup>3</sup>

Braillon also refers to an additional

(HCC) surveillance in Chinese hepatitis

negative trial for HCC surveillance. We

assume this is in reference to the study

by Chen and colleagues, which found

surveillance resulted in earlier HCC

diagnosis but without a reduction in

overall mortality.<sup>4</sup> However, this trial was

based on  $\alpha$ -fetoprotein-only screening

in Chinese hepatitis B patients between

limitations in the 2004 trial that

Given HCC surveillance is an established standard of care in high risk patients, we feel there is merit in a centralised surveillance program. Beyond improving access and uptake, centralisation will provide high quality prospective data that can assess the realworld benefit and harms of surveillance in Australia.

HCC is an emerging and costly public health problem in many Western countries that remains under-recognised. An important tenet of public health is the prioritisation of preventive care. In the case of HCC, we argue that an increased focus on its primary and secondary prevention presents the greatest opportunity for improving outcomes for this devastating disease.

## Samuel Hui

Monash University, Melbourne, VIC.

## samuel.hui@monash.edu

Competing interests: No relevant disclosures.

doi: 10.5694/mja2.52442

© 2024 AMPCo Ptv Ltd

- 1 Hui S, Bell S, Le S, Dev A. Hepatocellular carcinoma surveillance in Australia: current and future perspectives. *Med J Aust* 2023; 219: 432-438. https://www.mja.com.au/journal/2023/219/9/hepatocellular-carcinoma-surveillance-australia-current-and-future-perspectives
- 2 Braillon A. Hepatocellular carcinoma surveillance in Australia: current and future perspectives [letter]. Med | Aust 2024; 396.
- 3 Zhang BH, Yang BH, Tang ZY. Randomized controlled trial of screening for hepatocellular carcinoma. *J Cancer Res Clin Oncol* 2004; 130: 417-422.
- 4 Chen JG, Parkin DM, Chen QG, et al. Screening for liver cancer: results of a randomised controlled trial in Qidong, China. J Med Screen 2003; 10: 204-209.
- 5 Singal AG, Zhang E, Narasimman M, et al. HCC surveillance improves early detection, curative treatment receipt, and survival in patients with cirrhosis: a meta-analysis. *J Hepatol* 2022; 77: 128-139.