PLATINUM C: A LEARNING HEALTHCARE SYSTEM APPROACH TO OPTIMISE THE MANAGEMENT OF HEPATITIS C

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Background/Approach: Australia is at risk of missing its hepatitis C elimination targets unless implementation of treatment is optimised. Usual strategies for quality improvement are unlikely to
resolve the large number of uncertainties regarding best practice.

Analysis/Argument: Platinum C is a partnership between researchers, consumers, pharmacists and
primary and tertiary care providers. It aims to help eliminate hepatitis C in Western Australia through a 'learning healthcare system' approach. The Platinum C web-based informatics solution enables people with hepatitis C to volunteer their de-identified treatment and outcome data to inform the management of future patients. By integrating with practice software, the web-based informatics solution is designed to be clinician friendly and with minimal impact on practice efficiency.

Outcome/Results: Platinum C aims to evaluate antiviral choices for PBS-eligible patients, and also strategies to optimise uptake and adherence to therapy. We aim to learn which patient engagement approaches, models of care and medications are most effective in achieving sustained viral response to hepatitis C treatment among hard to reach populations.

Conclusions/Applications: With safe and highly efficacious treatments for hepatitis C now available, the remaining challenges to elimination lie in successful implementation. Platinum C aims to meet these challenges through a learning healthcare systems approach.