



## Centre for Prehospital Care

Health Sciences North

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**To:** Jeff Gunner, Weeneebayko Area Health Authority Paramedic Service  
Jean Carriere, Cochrane DSSAB Paramedic Service  
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**CC:** Steve O'Neil, a/Senior Field Manager, North Field Office  
Helene Cameron, Field Manager, North Field Office

**From:** Jason Prpic, Regional Medical Director HSN Centre for Prehospital Care | Trauma Services

**Re:** Semi-Automatic External Defibrillation

**Date:** **April 01, 2021**

memo

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Since the implementation of manual defibrillation across all services, the Quality of Care Committee (QCC) has identified challenges with the use of manual defibrillation in certain circumstances. To assist the Paramedics, the QCC has also endorsed the use of semi-automatic defibrillation for the management of **adult** cardiac arrest.

Additionally, the Quality of Care Committee supports the recommendation of escalating biphasic energy (200-300-360 joules) for LIFEPAK cardiac monitors and ask that you work with your vendors to facilitate this option.

Finally, it important to ensure paramedics are proficient in the use of both semi-automatic and manual mode functionality, as manual mode permits the selection of energy settings which is the preferred method for pediatric defibrillation as per current published guidelines.

If you have any questions or concerns, please do not hesitate to contact me directly.