



## College of Dental Hygienists of Manitoba's Interpretation Guideline: Cardiopulmonary Resuscitation Requirement

### Purpose

This interpretation guideline is to inform registrants of the College of Dental Hygienists of Manitoba (CDHM) about the current regulation requirement for annual cardiopulmonary resuscitation (CPR) certification.

### Background

- As healthcare professionals, registered dental hygienists of Manitoba have a professional<sup>3</sup>, legal<sup>4</sup>, and ethical obligation to ensure they have appropriate CPR education to safely and effectively care for their clients in the event of an emergency.
- Evidence shows that CPR knowledge and skills will deteriorate over a period of 365 days with non-use or non-practice and that poor quality resuscitation by rescuers is commonly observed in actual cardiac arrests.<sup>1,6,8</sup>
- An annual renewal of CPR knowledge and skills allows the dental hygienist to remain current in the concepts and practice of CPR and to increase the probability of an effective intervention during a medical emergency in a dental setting.<sup>3</sup>

### Requirements

- In Manitoba, new registrants applying for practicing registration or non-practicing registrants transferring to practicing registration must provide evidence of completion of a Basic Rescuer CPR Level C or Healthcare Provider course<sup>4</sup> **within 12 months prior to the application date.**
- In Manitoba, registrants renewing their practicing registration must provide evidence of completion of a Basic Rescuer CPR Level C or Healthcare Provider course<sup>4</sup> **within 12 months of their prior CPR certification.**
- It is a requirement that the CPR course has a **hands-on** component. Online CPR courses are not acceptable for registration and renewal of registration.
- Based on the 2016 Canadian Consensus Guidelines on First Aid and CPR<sup>2</sup>, the CDHM **recommends** that registrants acquire CPR certification from one of the five national agencies listed below:
  - Heart and Stroke Foundation of Canada
  - Canadian Red Cross
  - St John Ambulance
  - Canadian Ski Patrol
  - Life Saving Society



- In November 2018, the Government of Manitoba Workplace Safety and Health (WSH) adopted national CPR competency and training standards<sup>7</sup> which reflect the 2016 Canadian Consensus Guidelines on First Aid and CPR. Due to this change, CPR providers listed on the WSH list of providers will be accepted by the CDHM for CPR certification. See the list [here](#).
- For registrants previously practicing internationally, the CDHM will also accept CPR certification from the American Heart Association.
- All CPR certification is subject to approval by the Board of Assessors.<sup>4</sup>

### **Applicable Legislation**

According to the Dental Hygienists Regulation section 9(1)(g): An applicant for registration on the register of dental hygienists must submit the following to the board of assessors: evidence that the dental hygienist holds current cardiopulmonary resuscitation certification at a level required by council.<sup>4</sup>

According to the CDHM Competencies<sup>3</sup>, registrants of the CDHM have the ability to:

- identify clients at risk for medical emergency (Assessment #8)
- assess the practice environment for safety risks (i.e. for clients, the dental hygienist and others) (Assessment #59)
- assess the practice environment for emergency measures (i.e. for clients, the dental hygienist and others) (Assessment #60)
- demonstrate awareness of and compliance with the policies of the practice environment (e.g. infection control procedures, safety guidelines, emergency preparedness, etc.) (Assessment #67)
- apply principles of risk management for client health and safety (e.g. universal precautions, considering latex allergies, etc.) (Implementation #56)
- ensure the provision of care in emergency situations (Implementation #58)
- document health and safety incidents (Implementation #59)
- advocate for practice policies that enhance safety and optimal provision of dental hygiene services (e.g. improved infection control protocols, zero tolerance, etc.) (Implementation #67)

\*This interpretation guideline reflects current knowledge and is subject to periodic review and revisions with on-going research.



## References

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2. *Canadian consensus guidelines on first aid and CPR*. (2016). Canadian Guidelines Consensus Task Force. Retrieved from: [https://www.redcross.ca/crc/documents/Canadian-Consensus-Guidelines-document-Feb-2016\\_EN\\_Final.pdf](https://www.redcross.ca/crc/documents/Canadian-Consensus-Guidelines-document-Feb-2016_EN_Final.pdf)
3. *Dental Hygiene Competencies*. (2007). College of Dental Hygienists of Manitoba, pages. 4-12.
4. *Dental Hygienists' Regulation*. (2008). The Dental Hygienists Act C.C.S.M. c. D34. 80/2009 9(1)(g). Retrieved from: [http://web2.gov.mb.ca/laws/regs/current/\\_pdf-regs.php?reg=80/2008](http://web2.gov.mb.ca/laws/regs/current/_pdf-regs.php?reg=80/2008)
5. *First aid training of the workplace – Curriculum and quality management for training agencies*. (2017). Canadian Standards Association, Z1210-17, CSA Group Canada. Retrieved from: <https://community.csagroup.org/docs/DOC-111741>  
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6. *Retention of knowledge and skills after Advanced Cardiovascular Life Support courses*. (2014). American Journal of Emergency Medicine, Volume 32, pages 1125–1147.
7. *Workplace Safety and Health Regulation Amendment*. (2018). Workplace Safety and Health Act C.C.S.M. c. W210m 159/2018. Retrieved from: <http://web2.gov.mb.ca/laws/regs/annual/2018/159.pdf>
8. Yang C.; Yen Z.; McGowan J.; Chen H. et al. (2012). *A systematic review of retention of adult advanced life support knowledge and skills in healthcare providers* . Volume 83, Issue 9, pages 1055 -1060.