



AGENDA ITEM 9.5

TOPIC: Forms of Energy

History of Topic

General Information

Schedule One of the *VPA* contains a list of seventeen (17) authorized activities can only be performed by members or by non-members to whom the activity is delegated or who are otherwise specifically authorized by the *VPA*. One of these authorized activities is the applying or ordering of a prescribed form of energy.

Legislative Framework

Section 1 of the *VPA* defines the word “prescribed” as meaning the regulations made under the Act.

Given Schedule One speaks to the “applying or ordering the application of a prescribed form of energy”, this means that the forms of energy that constitute an authorized activity must be specifically laid out in regulation.

Development of Regulatory Concept by Transition Council

Transition Council reviewed and forwarded for public consultation a regulatory concept related to forms of energy in November 2024. This concept included:

1. Forms of Energy to be Included

Transition Council proposed the development of regulation language that contains the following forms of energy as authorized activities when used or ordered for use on an animal(s) or group of animals:

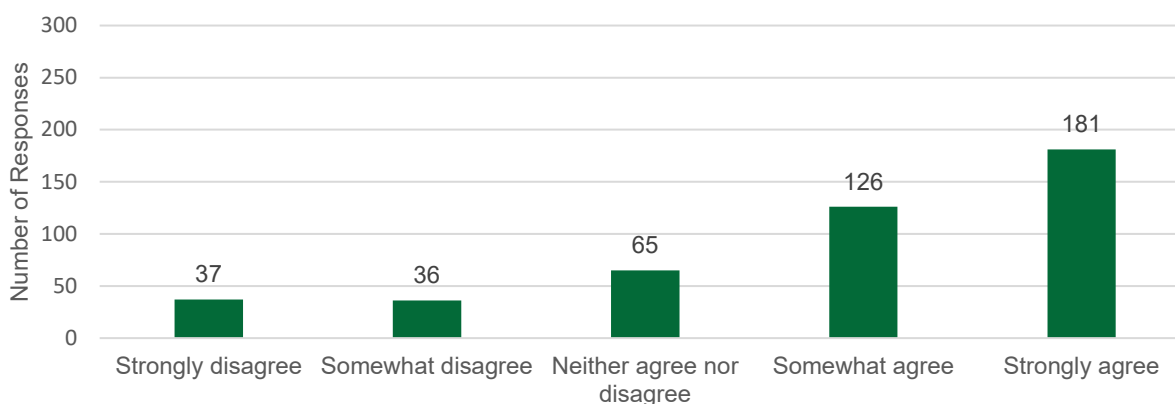
- Any form of energy that employs or produces ionizing radiation (including radiography and computed tomography);
- Magnetic resonance imaging;
- Any form of energy used in surgery (laser surgery; lithotripsy; cryosurgery; radiosurgery; etc.);
- Diagnostic ultrasound;
- Focused and radial shockwave; and
- Lasers in Class IV or above.

General Consultation Feedback

A regulatory concept related to forms of energy was included in the list of regulatory concepts that were circulated for public consultation from February 11 to April 16, 2025.

The following quantitative responses were received related to forms of energy:

Survey respondents were asked to indicate their agreement with a statement about Exemptions for Members on a Likert scale of responses from “Strongly disagree” to “Strongly agree”. The figure below presents the results of 445 responses to the statement “*The proposed prescribed forms of energy are appropriate to protect the public.*”.



In addition to the quantitative data, the following qualitative trends were noted:

- Requests that Class IV lasers, diagnostic ultrasound, and shockwave therapy only be used with veterinarian oversight;
- Requests for formal training and clear competency standards for providers; and
- Requests for clarity around the term “beyond the dermis” and the distinction between therapeutic and diagnostic uses of energy modalities.

For more information on this consultation feedback, please refer to pages 34-35 of the full consultation report.

Consultation Feedback from Key Partners

Ontario Veterinary Medical Association (OVMA)

In its April 15, 2025, submission the OVMA shared:

- Request that Class IV lasers and shockwave therapy only be used by a veterinarian member, a veterinary technician member, an auxiliary working under a veterinarian member's delegation and supervision, or by a non-veterinary professional on referral from a veterinarian member after a veterinary diagnosis has been made and that the treatment compliments the care plan; and

- Requests for public education related to providers.

Ontario Association of Veterinary Technicians (OAVT)

In its April 16, 2025, submission the OAVT noted that it had no further comments to provide on this topic at this time.

Other Submissions

- Support for the regulatory concept
 - o Ontario Association of Bovine Practitioners; ProVet Alliance

For more information related to these submissions, please refer to the beginning of page 131 of the full consultation report.

Further Information Gathered Based on Consultation Feedback

1. Slight Modification to Forms of Energy Approach

Since the regulatory concept related to forms of energy was circulated for public consultation, the College has received further information (including legal perspectives) that has indicated that it would be beneficial to mirror the forms of energy language contained in the *Regulated Health Professionals Act, 1990 (RHPA)* to allow for legal and regulatory consistency across the province whenever possible.

Additional Context to Assist with Decision-Making

Based on this work, Transition Council is asked to consider the following amendment to the regulatory concept on forms of energy:

- The following forms of energy qualify as authorized activities when used or ordered for use on an animal(s) or group of animals:
 - o Any form of energy that employs or produces ionizing radiation;
 - o Electromagnetism for magnetic resonance imaging;
 - o Lasers occurring in class IV or higher;
 - o Soundwaves for ultrasound or lithotripsy; and
 - o Shockwaves.

This slight change in approach would mirror language in the *RHPA* while remaining in line with the overall objectives of the Transition Council related to this area.

For a review of the proposed amendments within the full regulatory concept, please see the chart attached as Appendix A.

Transition Council Discussion

The information contained in this cover sheet is being presented to Transition Council for its review and discussion related to next steps. To aid in this discussion, Transition Council is

encouraged to consider if any further clarification or additional information is necessary prior to providing its direction.

Potential Direction

Based on this review and discussion, Transition Council may direct:

1. That the regulatory concept be approved for submission to OMAFA as presented or amended;
2. That the regulatory concept be returned to College staff for further work and consideration; or
3. Any other direction as determined by Transition Council.

Attachments

1. Appendix A – Regulatory Concept (with tracked changes related to list).

Concept Chart – Forms of Energy

Section	Primary Concepts Confirmed by Transition Council	Additional Information	Date of Confirmation
This column outlines the specific section of regulation.	This column provides a description of the objectives sought and the associated reasoning.	This column provides any additional specific information required to ensure clarity.	This column outlines when Transition Council confirmed the concept as well as any additional questions raised.
Forms of Energy	<p>General</p> <p>Schedule One of the <i>Veterinary Professionals Act, 2024</i> (VPA) outlines a list of seventeen (17) authorized activities. One of these authorized activities is the applying or ordering of a prescribed form of energy.</p> <p>As the wording of this authorized activity indicates the need to provide further details in regulation, Transition Council proposes the development of regulation language to outline the forms of energy that qualify under this framework.</p> <p>Purpose</p> <p>The College of Veterinary Professionals of Ontario (CVPO) will be responsible for overseeing the performance of activities that pose a high risk of harm or potential harm to an animal(s) or group of animals and/or the public. The authorized activities listed in Schedule One of the VPA pose the highest risk of harm or potential harm and require</p>	<p>These forms of energy were identified based on a significant research and risk-based analysis that was conducted over several years. This analysis considered:</p> <ul style="list-style-type: none"> • The level of risk of harm or potential harm associated with its use for both animals and providers; • The ability for the form of energy to be used in surgery and/or below the dermis procedures; • Use in diagnostics; • Requirements for sedation; 	Transition Council confirmed the approach for forms of energy in November 2024.

Section	Primary Concepts Confirmed by Transition Council	Additional Information	Date of Confirmation
	<p>additional safeguards and accountability surrounding their performance.</p> <p>Proposed Forms of Energy to be Included</p> <p>Transition Council proposes the development of regulation language that outlines the following forms of energy as an authorized activity when used or ordered for use on an animal(s) or group of animals:</p> <ul style="list-style-type: none"> - <u>Any form of energy that employs or produces ionizing radiation;</u> - <u>Electromagnetism for magnetic resonance imaging;</u> - <u>Lasers occurring in class IV or higher;</u> - <u>Soundwaves for ultrasound or lithotripsy; and</u> - <u>Shockwaves.</u> 	<ul style="list-style-type: none"> • The level of risk associated with improper administration; • Requirements for training; and • Associated clinical research. 	