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Ontario

CASE STUDY

# Enhancing Nursing Education with JoVE

 **EDTECH  
SANDBOX**

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## Project Overview

Colleen MacDonald, a nursing professor at St. Lawrence College in Ontario, integrates JoVE resources into her Professional Accountability course (NURS1507) for first-year Practical Nursing students. This in-person course focuses on ethical decision-making, communication strategies, and understanding Ontario's Health Care Consent Act. Through collaborative learning teams, students analyze case studies, applying ethical principles and developing solutions supported by JoVE videos and College of Nurses of Ontario (CNO) guidelines. This approach bridges theory and practice, preparing students for real-world nursing challenges.

## Course Delivery Plan

The course blends theoretical lectures with interactive group activities, supported by JoVE video resources. Students analyze the case of "Mr. Lee," a retired teacher with advanced Parkinson's disease, to explore concepts such as informed consent, the SDM hierarchy, and ethical decision-making. Using JoVE videos and the CNO guidelines, students collaborate in groups to create and present strategies addressing Mr. Lee's challenges. This approach fosters critical thinking, teamwork, and practical application of course content.

## How JoVE Supported Teaching Goals

JoVE addressed key challenges in teaching professional accountability by:

- **Enhancing Understanding:** JoVE videos provide clear, concise explanations of complex concepts, such as the Health Care Consent Act, helping students grasp the legal and ethical implications of their actions.
- **Flexible Learning:** JoVE videos are available on-demand, allowing students to review content at their own pace and on their own schedule, supporting diverse learning styles and needs.
- **Fostering Collaboration:** JoVE videos serve as a common reference point for students, facilitating group discussions and collaborative problem-solving during in-person activities.

# Feedback

Colleen MacDonald reported overwhelmingly positive outcomes from using JoVE:

## INSTRUCTOR'S PERSPECTIVE:

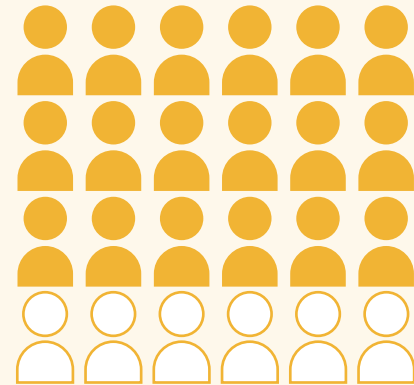
*"JoVE's resources are a game-changer in nursing education. They not only engage students but also provide clarity on complex ethical and legal concepts. This tool prepares them for real-world practice by blending theory with practical application."*

— Colleen MacDonald

While some JoVE videos required additional context to align with Canadian legislation, Colleen MacDonald recommended incorporating supplementary resources and regional guidelines to ensure the content fully met the needs of her nursing students.

## STUDENTS' PERSPECTIVE:

"JoVE's integration is expected to significantly enhance student outcomes, with 85% of nursing students typically showing improved comprehension of ethical principles and legal frameworks through visual aids and collaborative group activities."



## Going Forward

Based on her experience, Colleen highly recommends JoVE to fellow instructors. She advises new users to:

1. New users should gather feedback, localize content to align with regional standards, and plan for expanding JoVE's use across courses.
2. Preview videos, use targeted content in group work, and supplement with regional resources for enhanced relevance.

Colleen MacDonald believes JoVE has the potential to transform nursing education by improving student engagement, enhancing understanding of complex ethical concepts, and preparing students for real-world clinical practice.

### Connect with us:

If you're interested in implementing JoVE in your teaching practice, contact the JoVE or the Sandbox team to explore how it can meet your specific needs and revolutionize your classroom experience: [sandbox@ecampusontario.ca](mailto:sandbox@ecampusontario.ca)