

ACADEMY OF SPINAL CORD INJURY PROFESSIONALS



Enhancing Access to Education for Spinal Cord Injury Clients: A Comprehensive Video Series



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Introduction

Individuals with spinal cord injury (SCI) face significant challenges during and after inpatient rehabilitation, including the need for accessible, relevant, and comprehensive educational resources (Jeyathevan et al., 2021). Traditional education methods may not always adequately address the diverse learning needs of individuals with SCI or provide ongoing support after discharge (Todorovic et al., 2022). To bridge this gap, our team developed a comprehensive video series tailored specifically for SCI patients, their families, and nursing staff. This series aims to empower clients with knowledge and skills crucial for their rehabilitation journey and lifelong self-management, ultimately enhancing their autonomy and quality of life.



Design/ Procedures

The video series was designed to cover key topics relevant to SCI rehabilitation, including:

- Pressure Injury Prevention
- Bladder Management
- Bowel Management

Content was designed to be clear, engaging, and accessible, incorporating adaptive learning techniques and demonstrations. The videos are available online and can be accessed both during inpatient rehabilitation and after discharge, ensuring continuity of education.

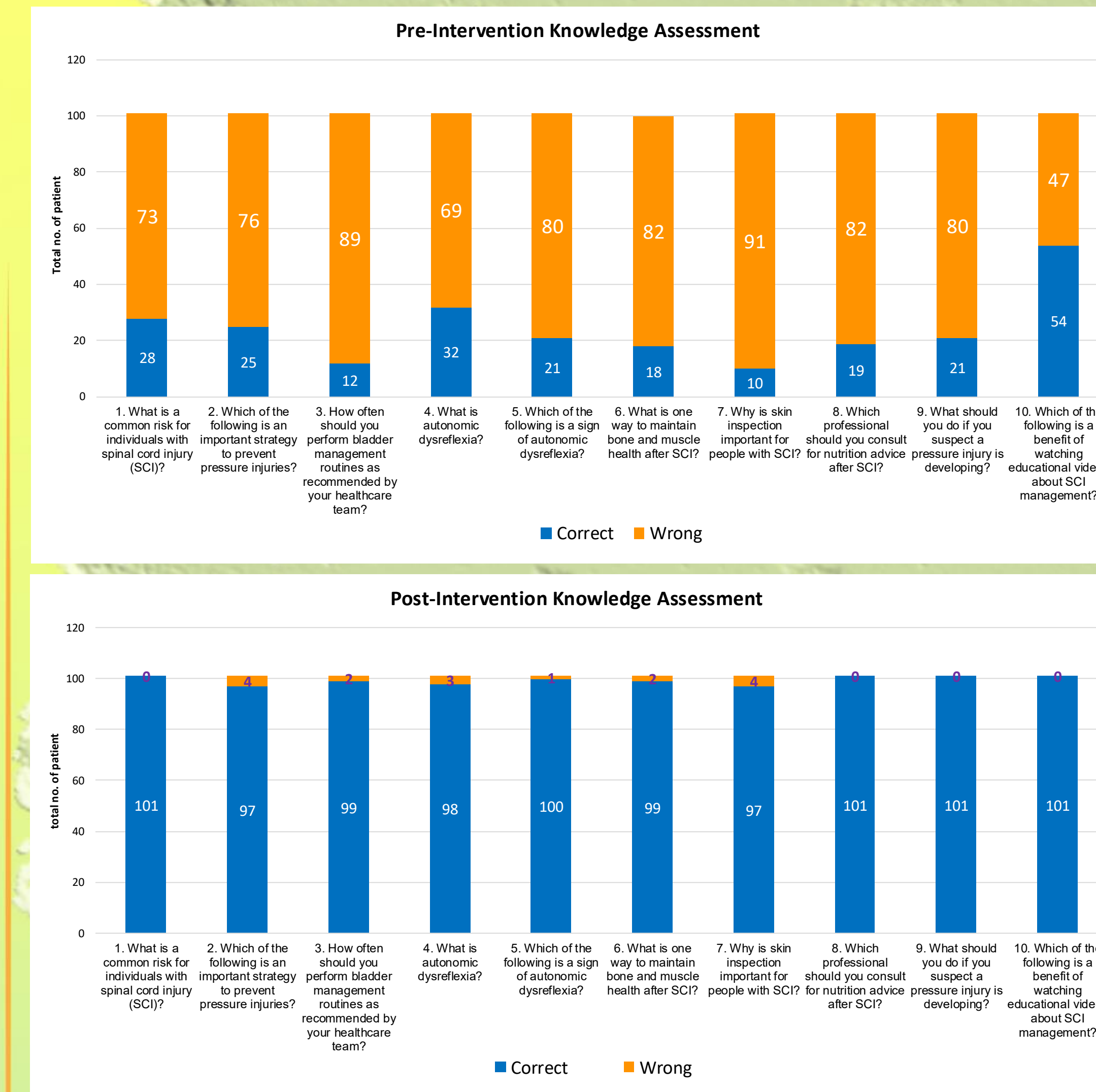
Evaluation Plan

To assess the effectiveness of the video series, we implemented a multi-faceted evaluation plan:

- Pre- and post-intervention knowledge assessments for SCI patients.
- Surveys measuring satisfaction, perceived usefulness, and confidence in self-management
- Feedback from nursing staff regarding integration into clinical practice

Data will be analyzed to identify improvements in knowledge retention, self-efficacy, and rehabilitation outcomes.

Pre-Post Intervention Knowledge Assessment of the Patient



Outcome

Preliminary feedback suggested that the video series enhanced clients' understanding of key rehabilitation topics and increased their confidence in managing their health post-discharge. Both clients and professionals have reported high satisfaction with the content's accessibility and clarity. The series also supported more consistent educational delivery and patient engagement throughout the rehabilitation process.

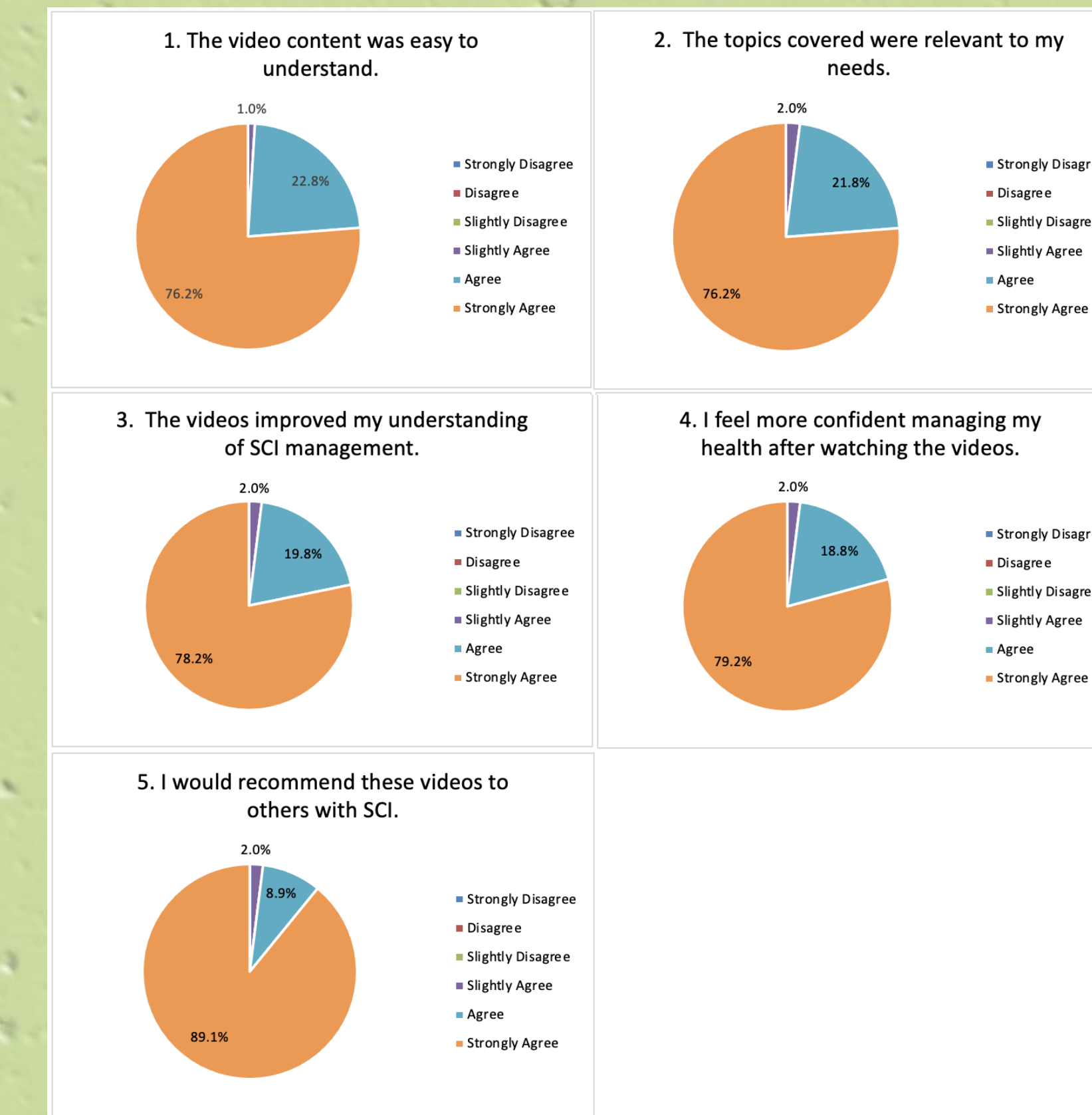
Conclusion

This comprehensive video series enhanced educational access for SCI clients, facilitating both immediate rehabilitation and lifelong learning. Offering structured, accessible, and relevant resources, the series plays a vital role in improving rehabilitation outcomes, autonomy, and overall quality of life for individuals affected by spinal cord injury.

Reference

Jeyathevan, G., Jaglal, S. B., Hitzig, S. L., Linassi, G., Mills, S., Noonan, V. K., Anzai, K., Clarke, T., Wolfe, D., Bayley, M., Aslam, L., Farahani, F., Alavinia, S. M., Omidvar, M., & Craven, B. C. (2021). Conception and development of Self-Management indicators to advance the quality of spinal cord injury rehabilitation: SCI-High Project. *The Journal of Spinal Cord Medicine*, 44(sup1), S94-S117. <https://doi.org/10.1080/10790268.2021.1961054>
Todorovic, M., Barton, M., Bentley, S., St John, J. A., & Ekberg, J. (2022). Designing accessible educational resources for people living with spinal cord injury. *The Journal of Spinal Cord Medicine*, 45(3), 442-454. <https://doi.org/10.1080/10790268.2020.1808772>

Patient Satisfaction Survey



Staff Satisfaction Survey

