

The West GTA Stroke Network Core Skills Orientation Checklist : A Multi- Disciplinary Resource Tool for Community Stroke Rehabilitation

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Background

The West GTA Stroke Network (WGTSN) Core Skills Orientation Checklist is a resource tool to be used by Community Stroke Rehabilitation (CSR) programs and aligns with the Ontario Health CSR Model of Care¹. This tool supports consistent delivery of high-quality stroke care and ensures adherence to evidence-based best practice. This interdisciplinary tool outline the basic competencies for clinicians within CSR teams and can assist CSR leaders as they support the onboarding of new clinical team members.

Study Purpose

The purpose of this study is to evaluate the usability of the CSR Core Skills Orientation Checklist by clinicians, healthcare leaders, and administrators. Study results will be used to determine the effectiveness of the tool in promoting self-reflection of core skills pertaining to clinical practice within CSR and determine the effectiveness of the tool in facilitating onboarding of new clinicians to CSR teams.

Method

Part 1) Resource Tool Development: A working group WGTSN CSR members contributed to the development of the CSR Core Skills Orientation Checklist. Regional resources were identified by the committee and included in the checklist.

Method (Cont'd)

Part 2) Evaluation of usability of the Resource Tool by administrators and clinicians

Design: Mixed methods design

Data Collection:

- 1) Quantitative – A survey was distributed which evaluated end-users' perceptions of the checklist:
a) Ease of use; b) comprehensive inter-disciplinary content; c) Facilitates identification of knowledge gaps; d) Supports professional development
- 2) Qualitative: - Feedback for potential improvements to the checklist.

Data Analysis:

- 1) Quantitative analysis – descriptive statistics (means and medians)
- 2) Qualitative analysis – thematic analysis

Results

Quantitative – Eleven respondents (n=11) completed the survey . The majority of the responses were from clinicians as shown in Figure 1. There were mixed responses related to the likelihood of using the tool in clinical practice as shown in Figure 2.

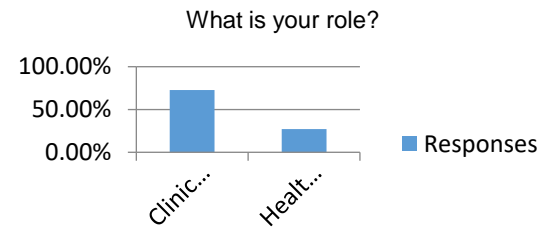


Figure 1.

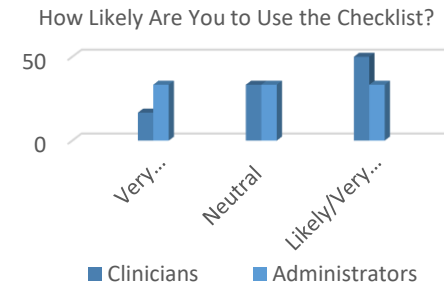


Figure 2.

2) Qualitative Themes

Information Overload

Although the information aligns with stroke best practices, the volume is overwhelming.

Feedback: "Too overwhelming to go through and too many resources listed. Would have been better to streamline the resources to the ones that were most relevant."

Solution: Implement an AI approach to streamline the information to the end-user.

Purpose of the Checklist

Respondents shared examples of use in clinical practice, which extend beyond its initial design.

Feedback: "...excellent resources, including handouts, that can be provided to patients and families."

Solution: Position the checklist as a multi-purpose tool, useful for various applications beyond its original intent.

Organization of Content

The document's length poses challenges in finding relevant content.

Feedback: "A lot of content. Will the final draft have a table of contents so we can search for information quickly?"

Solution: Include a table of contents with interactive components, allowing end-users to click on topics and navigate directly to specific sections.

Conclusion

The development and analysis of the checklist is integral to improving CSR at multiple levels, including clinical, organizational, and systemic. Data analysis identified the complexities in creating a tool that caters to the diverse needs of the target population. Qualitative feedback revealed the challenges in ensuring the resources were both accessible and relevant to a varied audience, especially considering the range of disciplines and experience levels within CSR.

Next Steps: The future evolution of this checklist will incorporate an interactive AI component. This enhancement will streamline the tool's functionality, making it more adaptable and effective in addressing the needs of both clinical and administrative users across different settings.

References

