Accessibility Review

NP Series Memory Concern in an Older Adult

# 1. Executive Summary

This report describes the conformance of the Community Assessment – Scenario 1 (French and English) with [W3C’s Web Content Accessibility Guidelines (WCAG)](https://www.w3.org/WAI/standards-guidelines/wcag/). The review process is described in Section 5 below and is based on evaluation described in [Accessibility Evaluation Resources](https://www.w3.org/WAI/eval/).

Based on this evaluation, the NP Series Memory Concern in an Older Adult website meets WCAG 2.1, Conformance Level AA. Detailed review results are available in Section 6 below. Resources for follow-up study are listed in Section 7 below. Feedback on this evaluation is welcome.

# 2. Background about Evaluation

Conformance evaluation of web accessibility requires a combination of [semi-automated evaluation tools](https://www.w3.org/WAI/ER/tools/) and manual evaluation by an experienced reviewer. The evaluation results in this report are based on evaluation conducted on the following date(s): February 24, 2022 The website may have changed since that time.

# 3. Scope of Review

* NP Series Memory Concern in an Older Adult for Nursing education and associated with CAN-Sim.
* <https://www.can-sim.ca/txt/RU/> directory of
* <https://www.can-sim.ca/txt/> subdomain of <https://www.can-sim.ca/>
* February 24, 2022
* French and English

# 4. Reviewer(s)

* Lillian Chumbley

# 6. Results and Recommended Actions

* This website appears to meet WCAG 2.1 AA. WCAG 2.1 AAA was not checked.
* Site is a completed text alternative to a virtual scenario and was developed to meet the best possible accessibility.
* Completing a machine check is recommended.
* On-going monitoring for accessibility is recommended as this tool continues to be developed.

# 7. References

* [Web Content Accessibility Guidelines (WCAG) Overview](https://www.w3.org/WAI/standards-guidelines/wcag/)  
  https://www.w3.org/WAI/intro/wcag
* [Web Content Accessibility Guidelines 2.1](https://www.w3.org/TR/WCAG20/)  
  https://www.w3.org/TR/WCAG21/
* [Techniques for WCAG 2.1](https://www.w3.org/WAI/WCAG21/Techniques/)  
  https://www.w3.org/WAI/WCAG21/Techniques/
* [Accessibility Evaluation Resources](http://www.w3.org/WAI/eval/)  
  http://www.w3.org/WAI/eval/
* [Web Accessibility Evaluation Tools List](https://www.w3.org/WAI/ER/tools/)  
  https://www.w3.org/WAI/ER/tools/

# 8. Report

## About the Evaluation

Report Creator: *Lillian Chumbley*

Evaluation date: **Sun Feb 27 2022**

## Scope of the Evaluation

Website name [*https://www.can-sim.ca/txt/RU*](https://www.can-sim.ca/txt/RU)

Scope of the website *NP Series – French and English*

WCAG Version **2.1**

Conformance target **AA**

## Detailed audit results

### Summary

Reported on 43 of 50 WCAG 2.1 AA Success Criteria.

* 38 Passed
* 0 Failed
* 0 Cannot tell
* 5 Not present
* 7 Not checked

### All results

#### 1 Perceivable

##### 1.1 Text Alternatives

|  |  |  |
| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **1.1.1: Non-text Content** | Result: Passed | Observations:  All non-text (or machine readable) content has text alternatives. (Only logos are in non-text format) |

##### 1.2 Time-based Media

|  |  |  |
| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **1.2.1: Audio-only and Video-only (Prerecorded)** | Result: Passed | Observations:  All pre-recorded scenario components have a complete text version and descriptive provided. |
| **1.2.2: Captions (Prerecorded)** | Result: Passed | Observations:  Text-based alternative is provided for all video and time-based media. |
| **1.2.3: Audio Description or Media Alternative (Prerecorded)** | Result: Passed | Observations:  Text-based alternative is provided for all video and time-based media. |
| **1.2.4: Captions (Live)** | Result: Passed | Observations:  No live audio content exists. |
| **1.2.5: Audio Description (Prerecorded)** | Result: Passed | Observations:  Descriptive text-based alternative is provided for all video and time-based media. |

##### 1.3 Adaptable

|  |  |  |
| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **1.3.1: Info and Relationships** | Result: Passed | Observations:  Text based content is presented in a linear manner. |
| **1.3.2: Meaningful Sequence** | Result: Passed | Observations:  Sequence does not affect meaning/does not differ |
| **1.3.3: Sensory Characteristics** | Result: Passed | Observations:  Navigation is linear |
| **1.3.4: Orientation** | Result: Passed | Observations:  Dynamic presenation |
| **1.3.5: Identify Input Purpose** | Result: Passed |  |

##### 1.4 Distinguishable

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| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **1.4.1: Use of Color** | Result: Passed |  |
| **1.4.2: Audio Control** | Result: Passed | Observations:  No automatic audio |
| **1.4.3: Contrast (Minimum)** | Result: Passed |  |
| **1.4.4: Resize text** | Result: Passed |  |
| **1.4.5: Images of Text** | Result: Passed |  |
| **1.4.10: Reflow** | Result: Passed |  |
| **1.4.11: Non-text Contrast** | Result: Passed |  |
| **1.4.12: Text Spacing** | Result: Passed |  |
| **1.4.13: Content on Hover or Focus** | Result: Passed | Observations:  No hover or keyboard focus triggers. |

#### 2 Operable

##### 2.1 Keyboard Accessible

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| **Success Criterion** | **Result** | **Observations** |
| **2.1.1: Keyboard** | Result: Passed |  |
| **2.1.2: No Keyboard Trap** | Result: Not checked |  |
| **2.1.4: Character Key Shortcuts** | Result: Passed | Observations:  No independent keyboard shortcuts |

##### 2.2 Enough Time

|  |  |  |
| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **2.2.1: Timing Adjustable** | Result: Passed | Observations:  Text version has no time triggers |
| **2.2.2: Pause, Stop, Hide** | Result: Passed | Observations:  No moving, blinking, scrolling, or auto-updating information exists. |

##### 2.3 Seizures and Physical Reactions

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| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **2.3.1: Three Flashes or Below Threshold** | Result: Passed | Observations:  No flashing elements. |

##### 2.4 Navigable

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| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **2.4.1: Bypass Blocks** | Result: Not checked |  |
| **2.4.2: Page Titled** | Result: Not present | Observations:  Titles are not unique |
| **2.4.3: Focus Order** | Result: Passed |  |
| **2.4.4: Link Purpose (In Context)** | Result: Passed |  |
| **2.4.5: Multiple Ways** | Result: Not present | Observations:  Navigation is linear through the scenario. |
| **2.4.6: Headings and Labels** | Result: Passed |  |
| **2.4.7: Focus Visible** | Result: Not checked |  |

##### 2.5 Input Modalities

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| **Success Criterion** | **Result** | **Observations** |
| **2.5.1: Pointer Gestures** | Result: Not checked |  |
| **2.5.2: Pointer Cancellation** | Result: Not checked |  |
| **2.5.3: Label in Name** | Result: Passed |  |
| **2.5.4: Motion Actuation** | Result: Not checked |  |

#### 3 Understandable

##### 3.1 Readable

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| **Success Criterion** | **Result** | **Observations** |
| **3.1.1: Language of Page** | Result: Passed |  |
| **3.1.2: Language of Parts** | Result: Passed |  |

##### 3.2 Predictable

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| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **3.2.1: On Focus** | Result: Passed |  |
| **3.2.2: On Input** | Result: Passed |  |
| **3.2.3: Consistent Navigation** | Result: Passed |  |
| **3.2.4: Consistent Identification** | Result: Not checked |  |

##### 3.3 Input Assistance

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| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **3.3.1: Error Identification** | Result: Not present | Observations:  Only input is name for certificate. |
| **3.3.2: Labels or Instructions** | Result: Passed | Observations:  Labels are provided for input. |
| **3.3.3: Error Suggestion** | Result: Not present | Observations:  Input does not impact functionality. |
| **3.3.4: Error Prevention (Legal, Financial, Data)** | Result: Passed | Observations:  No transactions or commitments are associated to the content. |

#### 4 Robust

##### 4.1 Compatible

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| --- | --- | --- |
| **Success Criterion** | **Result** | **Observations** |
| **4.1.1: Parsing** | Result: Passed |  |
| **4.1.2: Name, Role, Value** | Result: Passed |  |
| **4.1.3: Status Messages** | Result: Not present | Observations:  No status messages exist. |