# Accessibility Conformance Report vSimâ for Nursing (Based on VPAT® Version 2.5)

## Name of Product

## vSimâ for Nursing

## Version

## v2024.4.0

## Report Date

March 2025

## Product Description

## vSimâ for Nursing is an interactive virtual simulation that equips nursing students with clinical experience while honing clinical judgment, competence, and confidence for the Next Generation NCLEXâ and throughout their careers.

## The realistic nursing simulation scenarios, authored by the NLN, allow students to practice on virtual patients in a virtual hospital setting. With comprehensive patient scenarios available throughout their curriculum, vSimâ for Nursing helps delivering a real-world experience students need to transition to practice.

## Contact Information

### Vendor Company Name

Laerdal Medical A/S & Wolters Kluwer

### Vendor Contact

Laerdal Medical A/S: Buffy Allen - [buffy.allen@laerdal.com](mailto:buffy.allen@laerdal.com)

Wolters Kluwer: Christina Burns - [christina.burns@wolterskluwer.com](mailto:christina.burns@wolterskluwer.com)

## Notes:

This official, public version of the report for the vSim**â** for Nursing simulator range supersedes all previous/internal versions.

## Evaluation Methods Used:

* Manual testing with Chrome web browser (mouse operation)
* Automated tests with aXe browser extension
* Manual testing with Chrome web browser (keyboard operation)
* Manual testing with Chrome web browser and screen readers NVDA, Microsoft Narrator and Apple Voiceover
* Third party audit by [deque](https://www.deque.com/).

## Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

| Standard/Guideline | Included In Report |
| --- | --- |
| [Web Content Accessibility Guidelines 2.1](https://www.w3.org/TR/WCAG21) | Level A (Yes)  Level AA (Yes)  Level AAA (No) |
| [Web Content Accessibility Guidelines 2.2](https://www.w3.org/TR/WCAG22/) | Level A (Yes)  Level AA (Yes)  Level AAA (No) |
| [Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018](https://www.access-board.gov/ict/) | (Yes) |
| [EN 301 549 Accessibility requirements for ICT products and services - V3.1.1 (2019-11)](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.01.01_60/en_301549v030101p.pdf)  *AND* [EN 301 549 Accessibility requirements for ICT products and services - V3.2.1 (2021-03)](https://www.etsi.org/deliver/etsi_en/301500_301599/301549/03.02.01_60/en_301549v030201p.pdf) | (Yes) |

## Terms

The terms used in the Conformance Level information are defined as follows:

* **Supports**: The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
* **Partially Supports**: Some functionality of the product does not meet the criterion.
* **Does Not Support**: The majority of product functionality does not meet the criterion.
* **Not Applicable**: The criterion is not relevant to the product.
* **Not Evaluated**: The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

## WCAG 2.1 & 2.2 Report

Tables 1 and 2 also document conformance with:

* EN 301 549: Chapter 9 - Web
* Revised Section 508: Chapter 5 – 501.1 Scope

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](https://www.w3.org/TR/WCAG20/#conformance-reqs).

### Table 1: Success Criteria, Level A

Notes:

| **Criteria** | | **Conformance Level** | **Remarks and Explanations** | |
| --- | --- | --- | --- | --- |
| [**1.1.1 Non-text Content**](http://www.w3.org/TR/WCAG20/#text-equiv-all) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**1.2.1 Audio-only and Video-only (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**1.2.2 Captions (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-captions) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**1.2.3 Audio Description or Media Alternative (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**1.3.1 Info and Relationships**](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | | * Patient monitor “history” not fully exposed * Some running action metadata not fully exposed in menu * Some content requires “heading” semantic. * Some form elements are not grouped appropriately. |
| [**1.3.2 Meaningful Sequence**](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | | * Some secondary info in GUI is not available to AT * Some content is available to AT which should be hidden. |
| [**1.3.3 Sensory Characteristics**](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding)(Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**1.4.1 Use of Color**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**1.4.2 Audio Control**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**2.1.1 Keyboard**](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | | * Some “unusual” keyboard operations needed to access non-menu item parts of the Action Menu. * Book links popups (in feedback) not keyboard operable. * Some keyboard operation issues with ‘user feedback’ widgets. |
| [**2.1.2 No Keyboard Trap**](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**2.1.4 Character Key Shortcuts**](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (Level A 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software)Revised Section 508 – Does not apply | | Supports | |  |
| [**2.2.1 Timing Adjustable**](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | | * Essential Exception   + The time limit is essential and extending it would invalidate the activity |
| [**2.2.2 Pause, Stop, Hide**](http://www.w3.org/TR/WCAG20/#time-limits-pause) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**2.3.1 Three Flashes or Below Threshold**](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | | * “Running Actions” menu item icons pulsate slowly |
| [**2.4.1 Bypass Blocks**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**2.4.2 Page Titled**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | | * Iframe wrapper for Debriefing lacks an accessible name |
| [**2.4.3 Focus Order**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**2.4.4 Link Purpose (In Context)**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**2.5.1 Pointer Gestures**](https://www.w3.org/TR/WCAG21/#pointer-gestures) (Level A 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508 – Does not apply | | Supports | |  |
| [**2.5.2 Pointer Cancellation**](https://www.w3.org/TR/WCAG21/#pointer-cancellation) (Level A 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508 – Does not apply | | Supports | |  |
| [**2.5.3 Label in Name**](https://www.w3.org/TR/WCAG21/#label-in-name) (Level A 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508 – Does not apply | | Partially Supports | | * Onscreen labels for buttons in intro SBAR, and in “pause”/”help” screen do not exactly match the accessible name for those controls. |
| [**2.5.4 Motion Actuation**](https://www.w3.org/TR/WCAG21/#motion-actuation) (Level A 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.1.1.1 (Web)   Revised Section 508 – Does not apply | | Supports | |  |
| [**3.1.1 Language of Page**](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Does not support | | * html has no language attribute |
| [**3.2.1 On Focus**](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**3.2.2 On Input**](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**3.2.6 Consistent Help**](https://www.w3.org/TR/WCAG22/#consistent-help)(Level A 2.2 only)  EN 301 549 Criteria – Does not apply  Revised Section 508 – Does not apply | | Supports | |  |
| [**3.3.1 Error Identification**](http://www.w3.org/TR/WCAG20/#minimize-error-identified) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | |  |
| [**3.3.2 Labels or Instructions**](http://www.w3.org/TR/WCAG20/#minimize-error-cues) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**3.3.7 Redundant Entry**](https://www.w3.org/TR/WCAG22/#redundant-entry)(Level A 2.2 only)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**4.1.1 Parsing**](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) (Level A)  Applies to:  WCAG 2.0 and 2.1 – Always answer ‘Supports’  WCAG 2.2 (obsolete and removed) - Does not apply  EN 301 549 Criteria   * 9.4.1.1 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | | * For WCAG 2.0, 2.1, EN 301 549, and Revised 508 Standards, the September 2023 errata update indicates this criterion is always supported. See the [WCAG 2.0 Editorial Errata](https://www.w3.org/WAI/WCAG20/errata/#editorial) and the [WCAG 2.1 Editorial Errata](https://www.w3.org/WAI/WCAG21/errata/#editorial). |
| [**4.1.2 Name, Role, Value**](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) (Level A)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Partially Supports | | * A small number of accessible names are missing. * A small number of elements have incorrect or missing semantic roles. * Several instances of missing state, most notably certain items in the action menu. |

### Table 2: Success Criteria, Level AA

Notes:

| **Criteria** | | **Conformance Level** | **Remarks and Explanations** | |
| --- | --- | --- | --- | --- |
| [**1.2.4 Captions (Live)**](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | |  |
| [**1.2.5 Audio Description (Prerecorded)**](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**1.3.4 Orientation**](https://www.w3.org/TR/WCAG21/#orientation) (Level AA 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508  501 (Web)(Software) | | Partially Supports | | * Works at both landscape and portrait orientation, but no reflow * New layout technology in development |
| [**1.3.5 Identify Input Purpose**](https://www.w3.org/TR/WCAG21/#identify-input-purpose) (Level AA 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508  501 (Web)(Software) | | Not Applicable | |  |
| [**1.4.3 Contrast (Minimum)**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**1.4.4 Resize text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Does not support | | * Resize functional in debriefing section only * New layout technology in development |
| [**1.4.5 Images of Text**](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**1.4.10 Reflow**](https://www.w3.org/TR/WCAG21/#reflow) (Level AA 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508  501 (Web)(Software) | | Does not support | |  |
| [**1.4.11 Non-text Contrast**](https://www.w3.org/TR/WCAG21/#non-text-contrast) (Level AA 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508  501 (Web)(Software) | | Partially Supports | | * Some contrast issues pertaining to checkbox borders. |
| [**1.4.12 Text Spacing**](https://www.w3.org/TR/WCAG21/#text-spacing) (Level AA 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * Does not apply | | Does not support | | * New layout technology in development |
| [**1.4.13 Content on Hover or Focus**](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (Level AA 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.1.4.13 (Web)   Revised Section 508 – Does not apply | | Supports | |  |
| [**2.4.5 Multiple Ways**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.2.4.5 (Web)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software | | Supports | |  |
| [**2.4.6 Headings and Labels**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**2.4.7 Focus Visible**](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**2.4.11 Focus Not Obscured (Minimum)**](https://www.w3.org/TR/WCAG22/#focus-not-obscured-minimum) (Level AA 2.2 only)  EN 301 549 Criteria – Does not apply  Revised Section 508 – Does not apply | | Supports | |  |
| [**2.5.7 Dragging Movements**](https://www.w3.org/TR/WCAG22/#dragging-movements)(Level AA 2.2 only)  EN 301 549 Criteria – Does not apply  Revised Section 508 – Does not apply | | Supports | |  |
| [**2.5.8 Target Size (Minimum)**](https://www.w3.org/TR/WCAG22/#target-size-minimum)(Level AA 2.2 only)  EN 301 549 Criteria – Does not apply  Revised Section 508 – Does not apply | | Partially Supports | | * Some controls/links in welcome screen are too small |
| [**3.1.2 Language of Parts**](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | |  |
| [**3.2.3 Consistent Navigation**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.3.2.3 (Web)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software | | Supports | |  |
| [**3.2.4 Consistent Identification**](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.3.2.4 (Web)   Revised Section 508   * 501 (Web)(Software) – Does not apply to non-web software | | Supports | |  |
| [**3.3.3 Error Suggestion**](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Not Applicable | |  |
| [**3.3.4 Error Prevention (Legal, Financial, Data)**](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) (Level AA)  Also applies to:  EN 301 549 Criteria   * 9.4.1.2 (Web)   Revised Section 508   * 501 (Web)(Software) | | Supports | |  |
| [**3.3.8 Accessible Authentication (Minimum)**](https://www.w3.org/TR/WCAG22/#accessible-authentication-minimum) (Level AA 2.2 only)  EN 301 549 Criteria – Does not apply  Revised Section 508 – Does not apply | | Supports | |  |
| [**4.1.3 Status Messages**](https://www.w3.org/TR/WCAG21/#status-messages)(Level AA 2.1 and 2.2)  Also applies to:  EN 301 549 Criteria   * 9.4.1.3 (Web)   Revised Section 508 – Does not apply | | Supports | |  |