VPAT Accessibility Conformance Report

(Based on ITI VPAT©)

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| **Name of Product** | **Clinical Key Pharmacology** |
| **Date Last Updated** | **January 13, 2023** |
| Completed by | Jay Nemchik (Digital Accessibility Team) |
| **Applicable Standards/Guidelines** | This document rates Clinical Key Pharmacology according to the W3C WCAG 2.1 A and AA requirements.  |
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| **Testing Tools and Methods** | **Hands-on keyboard operationFirebug/Code inspectionFirefox Web Developer Toolbar (removing style sheets)JAWS 18 on Mozilla Firefox 63 and MS IE 11 on Windows 10NVDA screen reader v2019.2.1Wave Extension****Color Contrast AnalyzerW3C WAI Pages**Elsevier Accessibility Checklist: <http://romeo.elsevier.com/accessibility_checklist/> |
| **Document Sections** | The review document below includes all WCAG 2.1 A and AA checkpoints and is organized into 6 logical sections: * Visuals
* Keyboard
* Headings and Structure
* Labeling
* Multimedia
* Usability
 |
| **Pages Covered** | Header, Footer, Homepage, Search Results, Register, Drug Interactions, Adverse Reactions, Clinical Comparison, Do Not Crush List, Confused Drug Names, Patient Education, Drug Identifier, Clinical Calculators, Drug Monograph. |
| **Terms** | * **Supports: The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitation.**
* **Partially supports: Some functionality of the product does not meet the criteria.**
* **Does not support: Majority of functionality of the product does not meet the criteria.**
* **Supports (N/A): According to W3C on conformance, "If there is no content to which a success criterion applies, the success criterion is satisfied."**
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| **Notes/Terminology** | **“AT” stands for Assistive Technology such as screen readers, voice input, etc.** |

| **WCAG 2.1 Success Criterion**  | **Level** | **Evaluation** |
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| 1.1.1: Non-text Content | A | Partially supports |
| 1.2.1: Audio-only and Video-only (Prerecorded) | A | Supports (N/A) |
| 1.2.2: Captions (Prerecorded) | A | Supports (N/A) |
| 1.2.3: Audio Description or Full Text Alternative | A | Supports (N/A) |
| 1.2.4: Captions (Live) | AA | Supports (N/A) |
| 1.2.5: Audio Description | AA | Supports (N/A) |
| 1.3.1: Info and Relationships | A | Partially supports |
| 1.3.2: Meaningful Sequence | A | Partially supports |
| 1.3.3: Sensory Characteristics | A | Supports |
| 1.3.4 Orientation (2.1) | AA | Supports |
| 1.3.5 Identify Input Purpose (2.1) | AA | Does not support |
| 1.4.1: Use of Color | A | Partially supports |
| 1.4.2: Audio Control | A | Supports (N/A) |
| 1.4.3: Contrast (Minimum) | AA | Partially supports |
| 1.4.4: Resize text | AA | Supports |
| 1.4.5: Images of Text | AA | Supports |
| 1.4.10 Reflow (2.1) | AA | Supports |
| 1.4.11 Non-Text Contrast (2.1) | AA | Partially supports |
| 1.4.12 Text Spacing (2.1) | AA | Supports |
| 1.4.13 Content on Hover or Focus (2.1) | AA | Does not support |
| 2.1.1: Keyboard | A | Partially supports |
| 2.1.2: No Keyboard Trap | A | Supports |
| 2.1.4 Character Key Shortcuts (2.1) | A | Supports (N/A) |
| 2.2.1: Timing Adjustable | A | Supports |
| 2.2.2: Pause, Stop, Hide | A | Supports (N/A) |
| 2.3.1: Three Flashes or Below Threshold | A | Supports (N/A) |
| 2.4.1: Bypass Blocks | A | Supports |
| 2.4.2: Page Titled | A | Partially supports |
| 2.4.3: Focus Order | A | Partially supports |
| 2.4.4: Link Purpose (In Context) | A | Partially supports |
| 2.4.5: Multiple Ways | AA | Supports |
| 2.4.6: Headings and Labels | AA | Supports |
| 2.4.7: Focus Visible | AA | Partially supports |
| 2.5.1 Pointer Gestures (2.1) | A | Supports (N/A) |
| 2.5.2 Pointer Cancellation (2.1) | A | Supports (N/A) |
| 2.5.3 Label in Name (2.1) | A | Supports |
| 2.5.4 Motion Actuation (2.1) | A | Supports (N/A) |
| 3.1.1: Language of Page | A | Supports |
| 3.1.2: Language of Parts | AA | Does not support |
| 3.2.1: On Focus | A | Supports |
| 3.2.2: On Input | A | Partially supports |
| 3.2.3: Consistent Navigation | AA | Supports |
| 3.2.4: Consistent Identification | AA | Supports |
| 3.3.1: Error Identification | A | Partially supports |
| 3.3.2: Labels or Instructions | A | Partially supports |
| 3.3.3: Error Suggestion | AA | Supports |
| 3.3.4: Error Prevention (Legal, Financial, Data) | AA | Supports (N/A) |
| 4.1.1: Parsing | A | Supports |
| 4.1.2: Name, Role, Value | A | Partially supports |
| 4.1.3 Status Messages (2.1) | AA | Does not support |

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| **Visuals** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.1.1: Non-Text Content](http://www.w3.org/TR/WCAG20/#text-equiv-all) (A)Provide text alternatives for non-text content (e.g. images) | Partially supports | Most images and icons have appropriate text equivalents.**Exceptions:**Clinical Comparison: The 'X' close button needs alternative text. The Expand/Collapse icons do not have any alternative text.Drug Identifier: The drug images do not have any alt text. |
| [1.3.3: Sensory Characteristics](http://www.w3.org/TR/WCAG20/#content-structure-separation-understanding) (A)Do not rely on sensory characteristics of components such as shape, size, visual location, orientation, or sound | Supports | There are no instructions or areas of content which rely solely on sensory characteristics. |
| [1.4.1: Use of Color](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-without-color) (A)Color is not used as the only visual means of conveying info | Partially supports | Color is not used as the only means of conveying information in most areas.**Exceptions:** Register: The Registered User Agreement link is undecorated link text within a paragraph that needs a 3.0:1 contrast ratio with the surrounding text.Clinical Comparison: The colored term names in the table need some indication of what the color coding means through a symbol or table header. |
| [1.4.3: Color Contrast (Minimum)](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-contrast) (AA)Text has enough contrast with the background (4.5:1 for small text and 3:1 for large text) | Partially supports | Text has enough contrast with its corresponding background in almost all areas.**Exceptions:**Clinical Comparison: The "Complete form to run…" gray text on white background does not have enough contrast at 1.82:1. The orange Adverse Reactions term color on a light orange background in the table does not have enough contrast at 3.64:1. The light gray 'No' text on white background does not have enough contrast at 1.82:1.Adverse Reactions: The "Complete form to run…" gray text on white background does not have enough contrast at 1.82:1Drug Interactions: The "Complete form to run…" gray text on white background does not have enough contrast at 1.82:1. The orange "Major" text on white background does not have enough contrast at 2.57:1.Confused Drug Names: The blue link text on orange background in the tables does not have enough contrast at 4.32:1.Drug Monograph: The white text on orange background for monograph indications does not have enough contrast at 2.59:1. |
| [1.4.4: Resize Text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-scale) (AA)Text can be enlarged up to 200% without loss of functionality. | Supports | Text can be enlarged to 200% and content remains functional. |
| [1.4.5: Images of Text](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-text-presentation) (AA)Text is used rather than images of text, except where the presentation of text is essential, such as logos | Supports | No images of text are used other than for Logos or essential presentation.  |
| [1.4.10 Reflow](https://www.w3.org/TR/WCAG21/#reflow)(AA)Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:Vertical scrolling content at a width equivalent to 320 CSS pixels;Horizontal scrolling content at a height equivalent to 256 CSS pixels. | Supports | Clinical Key uses a responsive view that properly scrolls in only one direction once width reaches low CSS pixels. |
| [1.4.11 Non-Text Contrast (AA](https://www.w3.org/TR/WCAG21/#non-text-contrast))User interact components and graphical objects have a contrast ratio of at least 3:1 against adjacent color(s). | Partially supports | Most non-text UI components and graphical objects have at least a 3:1 contrast ratio.**Exceptions:**Footer: The social media icons do not have enough contrast at 2.96:1. |
| [1.4.12 Text Spacing (AA)](https://www.w3.org/TR/WCAG21/#text-spacing)In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all the following and by changing no other style property:Line height (line spacing) to at least 1.5 times the font size;Spacing following paragraphs to at least 2 times the font size;Letter spacing (tracking) to at least 0.12 times the font size;Word spacing to at least 0.16 times the font size. | Supports | The site allows users to adjust the text spacing without causing loss of content or functionality. |
| [1.4.13 Content on Hover or Focus (AA)](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus)Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:* Dismissable
* Hoverable
* Persistent
 | Does not support | Content that appears on hover or focus is not dismissable or hoverable.**Exceptions:**Footer: The social media icons have a tooltip that appears on focus and hover, but it is not dismissable or hoverable.Search Results: The All Populations and Pediatric icons have tooltips that are not hoverable.Drug Interaction: The help tooltips are not hoverable.Do Not Crush List: The All Populations and Pediatric icons have tooltips that are not hoverable. |
| [2.3.1: Three Flashes or Below Threshold](http://www.w3.org/TR/WCAG20/#seizure-does-not-violate) (A)No more than three flashes in a 1-second period, or the flashes are below the defined thresholds | Supports (N/A) | No flashing content exists. |
| **Keyboard** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.2: Meaningful Sequence](http://www.w3.org/TR/WCAG20/#content-structure-separation-sequence) (A)The correct reading sequence can be programmatically determined | Partially supports | The correct reading sequence is usually logical with the DOM order matching the visual order in most cases.**Exceptions:**Drug Identifier: There are two dropdowns for "Shape"; one is visually hidden, but can still be reached by screen reader. |
| [2.1.1: Keyboard](http://www.w3.org/TR/WCAG20/#keyboard-operation-keyboard-operable) (A)All functionality is available from a keyboard, except for tasks such as drawing | Partially supports | Most content is keyboard operable.**Exceptions**:Search Results: The tooltips for "All Populations" and "Pediatric" icons do not show on keyboard focus.Clinical Comparison: The terms within the Drug List/Topic List cannot be reached/removed with the keyboard. The Topic dropdowns can be opened with the keyboard, but users cannot select a topic. Users cannot expand/collapse the classification categories with the keyboard. The 'X' close button is not keyboard operable. The Topic category popups only appear on hover for users and cannot be activated by keyboard.Adverse Reactions: The terms within the Drug List cannot be reached/removed with the keyboard.Drug Interactions: The terms within the Drug List cannot be reached/removed with the keyboard. Users cannot expand/collapse the report accordions with the keyboard. The help icons have hover information that cannot be reached by keyboard.Drug Identifier: Users cannot enlarge the drug images, as they only appear on mouse hover.Patient Education: The items within the Print List cannot be removed by keyboard.Do Not Crush List: There are icons next to all drug names that have information that only appears on mouse hover.Drug Monograph: The "US Drug Names", "Global Drug Names", and "Medication Guides" elements cannot be reached by keyboard. Expand/Collapse items within the text articles, such as the Oral Dosage elements cannot be reached by keyboard. The product name buttons that open modals cannot be reached by keyboard. |
| [2.1.2: No Keyboard Trap](http://www.w3.org/TR/WCAG20/#keyboard-operation-trapping) (A)The user can use the keyboard to move through page elements and is not trapped on a particular element | Supports | No pages have a keyboard trap.  |
| [2.1.4 Character Key Shortcuts (A)](https://www.w3.org/TR/WCAG21/#character-key-shortcuts)If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:* Turn off
* Remap
* Active only on focus
 | Supports (N/A) | The site does not use any character key shortcuts. |
| [2.4.3: Focus Order](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-order) (A)Users can tab through the elements of a page in a logical order | Partially supports | Tab order is logical on the site for the most part.**Exceptions:**Header: The navigation spine should close when focus leaves.Register: If there is an error, focus should be placed in the error summary box after submission.Clinical Comparison: User's focus should be moved into the Classification list after activation.Drug Identifier: There are two dropdowns for "Shape"; one is visually hidden, but can still be reached by keyboard.Do Not Crush List: Activating one of the navigation anchor link should move keyboard/screen reader focus to the appropriate heading. |
| [2.4.7: Focus Visible](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-focus-visible) (AA)The page element with the current keyboard focus has a visible focus indicator | Partially supports | Many elements use a very good visible focus.**Exceptions:**Do Not Crush List: The list of letter links to provide same-page anchors do not have any visible focus.Confused Drug Names: The list of letter links to provide same-page anchors do not have any visible focus.Drug Monograph: The active monograph indications (Blackbox, Confused Name, etc.) do not have a visible focus. |
| [3.2.1: On Focus](http://www.w3.org/TR/WCAG20/#consistent-behavior-receive-focus) (A)When a UI component receives focus, this does not trigger unexpected actions. | Supports | Focusable elements do not cause unexpected actions when receiving focus. |
| **Headers and Structure** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.1: Information and Relationships](http://www.w3.org/TR/WCAG20/#content-structure-separation-programmatic) (A)Info, structure, and relationships can be programmatically determined | Partially supports | Good use of heading in some places to help distinguish content. Lists are typically used to group related links or text. Landmarks are sometimes used in good places.Consider replacing the buttons that look like checkboxes with traditional HTML checkboxes.**Exceptions:**Header: There are two navigation landmarks in the header, so they need specific labels.Search Results: The page should have an h1 stating the purpose of the page ("Search Result Preview"). The category titles should be h2s.Clinical Comparison: The extra tables used as "sticky tables" should be invisible to screen readers (aria-hidden="true"). Select One or More Classifications should be a heading (h2). Select Drugs for Report should also be a heading (h3). It would be useful to give the classification list a region label. The table headers should have scope attributes. The blank table header should be given text stating "Topics" or similar. Adverse Reactions: The top row of the tables should be table headers with proper scope attributes.Drug Interactions: Due to "Findings" being an h3, the next subsequent headings ("Drug to Drug Interactions", "Drug to Grapefruit Juice Interactions", etc.) should be h4s.  |
| [2.4.1: Bypass Blocks](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-skip) (A)Users can bypass repeated blocks of content. | Supports | Headings and landmarks exist, which allow users using Assistive Technology to jump to the different areas of content quickly. "Skip" links exist to skip repetitive content.Note: It may be beneficial to only use one or two skip links. |
| [2.4.6: Headings and Labels](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-descriptive) (AA) Headings and labels are clear and consistent. | Supports | Headings and labels used are clear and descriptive.  |
| [3.1.1: Language of Page](http://www.w3.org/TR/WCAG20/#meaning-doc-lang-id) (A)The language of the page is specified | Supports | The language is defined as lang="en".  |
| [3.1.2: Language of Parts](http://www.w3.org/TR/WCAG20/#meaning-other-lang-id) (AA)Specify the language of text passages that are in a different language than the default language of the page. | Does not support | Users can change the language of the Patient Education articles, but the language of the article does not get marked in the HTML. |
| [4.1.1: Parsing](http://www.w3.org/TR/WCAG20/#ensure-compat-parses) (A)Use valid, error-free HTML | Supports | HTML and CSS passes concerning these 4 specific criteria: (i) elements have complete start and end tags,(ii) elements are nested according to their specifications(iii) elements do not contain duplicate attributes(iv) any IDs are unique, except where the specifications allow these features.Note: There are other general HTML validation errors outside the scope of this criterion. |
| **Labeling** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.5 Identify Input Purpose (AA)](https://www.w3.org/TR/WCAG21/#identify-input-purpose)The purpose of each input field collecting information about the user can be programmatically determined when:The input field serves a purpose identified in the Input Purposes for User Interface Components section; and the content is implemented using technologies with support for identifying the expected meaning for form input data. | Does not support | The only pages with personal input fields are the Register, Settings, and Login pages, which do not use any autocomplete attributes. |
| [2.4.2: Page Titled](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-title) (A)The page has a title describing its topic or purpose | Partially supports | The title changes dynamically and is typically descriptive for most pages.**Exceptions:**Search Results: The search results preview should change the page title. |
| [2.4.4: Link Purpose (In Context)](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-refs) (A)The purpose of each link can be determined from the link text or surrounding context. | Partially supports | Most links used have an identifiable purpose from the link text or surrounding context. **Exceptions:**Search Results: The Drug Monograph icons for All Populations and Pediatric need proper link text. |
| [2.5.3 Label in Name](https://www.w3.org/TR/WCAG21/#label-in-name) (A)For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | Supports | User interface components that have visible text contain that text consistently within the accessible name.Note: Several UI components do not have the visible text as the first part of the accessible name. |
| [3.2.4: Consistent Identification](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-functionality) (AA)UI components used across the web site are identified consistently on every page. | Supports | Most UI components are consistent across the site.For example, Save, Email, and Print are all buttons which are labelled the same across search results, preview panes, and full text article pages. |
| [3.3.1: Error Identification](http://www.w3.org/TR/WCAG20/#minimize-error-identified) (A)Input errors are clearly marked and described to the user. | Partially supports | Error identification happens and is presented well visually. A summary is provided for users describing the errors on the page.**Exceptions:** Register: Required checkboxes should also receive aria-invalid="true" if not checked during submission.  |
| [3.3.2: Labels and Instructions](http://www.w3.org/TR/WCAG20/#minimize-error-cues) (A)Items requiring user input are clearly labeled or have clear instructions. | Partially supports | Most input areas have clear labels which are programmatically assigned. **Exceptions:** Search Results: The page state of a search result preview needs to announce to screen readers.Clinical Comparison: The Search for drug input needs a proper label, as a placeholder is not sufficient. The Topic dropdowns should be given a group label (Add Topics to Report) using fieldset/legend or similar.Adverse Reactions: The Search for Drug input needs a proper label, as a placeholder is not sufficient.Drug Interactions: The Search for Drug input needs a proper label, as a placeholder is not sufficient. The "Select All" label and checkbox should not be within the <legend> tag.Drug Identifier: The colors dropdown needs instructions to state something like "Select Colors to add to list". The Shape dropdown needs a consistent label (Consider placing a visual label for these dropdowns, but especially for the shape dropdown). |
| [3.3.3: Error Suggestion](http://www.w3.org/TR/WCAG20/#minimize-error-suggestions) (AA)When the user makes an input error, give suggestions for valid input. | Supports | When users change passwords, and do not meet password requirements, feedback is provided such as: “New password must be at least 5 characters.” |
| [4.1.2: Name, Role, Value](http://www.w3.org/TR/WCAG20/#ensure-compat-rsv) (A)For all UI components, the name, value, and role can be programmatically determined. | Partially supports | Some UI components communicate their state programmatically. **Exceptions:**Header: The profile and help dropdown buttons should have aria-expanded attributes. The navigation spine button toggle needs a more appropriate label. Homepage: The search button does not have a label. The "Clear search" button does not have a label. The "Find by" button should have aria-expanded. The two "View More" buttons should be more specific to what they will show more of. The tabs below the search section should be ARIA tabs.Clinical Comparison: The Topic dropdown buttons should be given aria-expanded="true/false". Recommend that the Classification list be given the ARIA Tree attributes and keyboard interaction model. The autosuggestion drug list should be announced to screen readers. When screen reader focus moves between the autosuggest elements, the screen reader does not announce the list items properly. Recommend using best tooltip practices to announce the tooltips that appear on the icons (appear on keyboard focus and connect using aria-describedby). The Remove buttons in the Drug/Topic Lists need proper button text.Adverse Reactions: The autosuggestion drug list should be announced to screen readers. When screen reader focus moves between the autosuggest elements, the screen reader does not announce the list items properly. The Remove buttons in the Drug List need proper button text.Drug Interactions: The autosuggestion drug list should be announced to screen readers. When screen reader focus moves between the autosuggest elements, the screen reader does not announce the list items properly. The Findings accordions need to be given aria-expanded="true/false". Recommend using best tooltip practices to announce the tooltips that appear on the help icons (appear on keyboard focus and connect using aria-describedby). The Remove buttons in the Drug List need proper button text.Drug Identifier: The autosuggestion drug list should be announced to screen readers. When screen reader focus moves between the autosuggest elements, the screen reader does not announce the list items properly. The Remove button for a color should specify which color it's removing (e.g. "Remove green from selected colors").Patient Education: The autosuggestion list should be announced to screen readers. When screen reader focus moves between the autosuggest elements, the screen reader does not announce the list items properly. The Remove buttons in the Print List need proper button text.Do Not Crush List: Recommend using best tooltip practices to announce the tooltips that appear on the icons (appear on keyboard focus and connect using aria-describedby).Drug Monograph: The "Jump To" dropdown button should have proper ARIA to indicate that it is a Select menu. The expand/collapse items on the page ("Medication Guides", "Drug Names", Dosage elements within the article, etc.) need aria-expanded attributes, and also need to be buttons. The drug modal dialogs need role="dialog" and aria-modal="true". |
| [4.1.3 Status Messages](https://www.w3.org/TR/WCAG21/#status-messages) (AA)In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | Does not support | Error messages are not announced to assistive technology.  |
| **Multimedia** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.2.1: Audio-only or Video-only (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-av-only-alt) (A)Provide alternatives for pre-recorded audio-only or video-only content. | Supports (N/A) | The site does not have any audio-only or video-only content. |
| [1.2.2: Captions (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-captions) (A)Provide captions for pre-recorded audio | Supports (N/A) | The site does not have any synchronized media or audio content. |
| [1.2.3: Audio Description or Media Alternative (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc) (A)Provide alternatives for pre-recorded synchronized audio/video | Supports (N/A) | There are no synchronized audio/videos on the site. |
| [1.2.4: Captions (Live)](http://www.w3.org/TR/WCAG20/#media-equiv-real-time-captions) (AA)Provide captions for live audio in synchronized audio/video. | Supports (N/A) | There is no live audio in synchronized audio/video. |
| [1.2.5: Audio Description (Prerecorded)](http://www.w3.org/TR/WCAG20/#media-equiv-audio-desc-only) (AA)Provide an audio description of pre-recorded video. | Supports (N/A) | The site does not have any pre-recorded video content. |
| [1.4.2: Audio Control](http://www.w3.org/TR/WCAG20/#visual-audio-contrast-dis-audio) (A)Audio can be paused and stopped, or the audio volume can be changed. | Supports (N/A) | There is no audio that plays automatically on the site.  |
| [2.2.2: Pause, Stop, Hide](http://www.w3.org/TR/WCAG20/#time-limits-pause) (A)Users can stop, pause, or hide moving, blinking, scrolling, or auto-updating information. | Supports (N/A) | There is no moving, scrolling, or auto-updating information. |
| **Usability** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [2.2.1: Timing Adjustable](http://www.w3.org/TR/WCAG20/#time-limits-required-behaviors) (A)Users are warned of time limits shorter than 20 hours and time limits can be turned off or extended | Supports (N/A) | There appears to be a session timeout, and there is no warning or option given to extend the session before timeout. |
| [2.4.5: Multiple Ways](http://www.w3.org/TR/WCAG20/#navigation-mechanisms-mult-loc) (AA)More than one way is available to navigate to other web pages. | Supports | Users can reach all pages in the system using the global navigation with at least two ways. For example, profile-specific options can be found both within the profile dropdown and the navigation spine. |
| [3.2.2: On Input](http://www.w3.org/TR/WCAG20/#consistent-behavior-unpredictable-change) (A) Changing the setting of a checkbox, radio button, or other UI component does not trigger unexpected changes in context. | Partially supports | Inputting any text into the search field on the homepage causes an automatic search, which changes the page entirely, constituting a large change in context. |
| [3.2.3: Consistent Navigation](http://www.w3.org/TR/WCAG20/#consistent-behavior-consistent-locations) (AA)Navigation menus are in the same location and order on every web page. | Supports | Navigation menus are consistently in the same place and in same order.For example, on all pages, the Header always has Search, Reports, Lists, and Resources in the same order. |
| [3.3.4: Error Prevention (Legal, Financial, Data)](http://www.w3.org/TR/WCAG20/#minimize-error-reversible) (AA)For web pages with legal or financial commitments, input can be reviewed and corrected before final submission, and submissions can be reverted. | Supports (N/A) | There are no submissions which require legal or financial commitments.  |
| **Mobile User Experience** |
| **WCAG 2.1****Checkpoint** | **Supporting Features** | **Remarks** |
| [1.3.4 Orientation](https://www.w3.org/TR/WCAG21/#orientation)(AA) Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Supports | Clinical Key Pharmacology does not restrict its view to a single orientation. |
| [2.5.1 Pointer Gestures](https://www.w3.org/TR/WCAG21/#pointer-gestures) (A) All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | Supports (N/A) | Clinical Key Pharmacology does not use any multipoint or path-based gestures. |
| [2.5.2 Pointer Cancellation (A)](https://www.w3.org/TR/WCAG21/#pointer-cancellation)For functionality that can be operated using a single pointer, at least one of the following is true:* No Down-Event
* Abort or Undo
* Up Reversal
* Essential
 | Supports | All interactive content functions through the Up-Event, allowing users to potentially move their pointer off the component to cancel. |
| [2.5.4 Motion Actuation (A)](https://www.w3.org/TR/WCAG21/#motion-actuation)Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:* Supported Interface
* Essential
 | Supports (N/A) | There is no content on Clinical Key Pharmacology that utilizes device or user motion. |