VPAT Accessibility Conformance Report

(Based on ITI VPAT©)

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| **Name of Product** | **Embase** |
| **Date Last Updated** | **April 25, 2025** |
| Completed by | **Amy Li** (Elsevier Digital Accessibility Team) |
| **Applicable Standards/Guidelines** | This document rates Embase according to the [W3C WCAG 2.1 A and AA](https://www.w3.org/TR/WCAG21/) requirements. |
| **Contact for More Information** | Elsevier Digital Accessibility Team [accessibility@elsevier.com](mailto:accessibility@elsevier.com?subject=Accessibility%20and%20Shadow%20Health) |
| **Testing Tools and Methods** | * **Hands-on keyboard operation** * **DevTools/Code inspection** * **Chrome 135.0.7049.96 on Windows 11 23H2** * **NVDA screen reader 2024.4.1** * **Colour Contrast Analyzer** * [W3C Web Accessibility Initiative (WAI) Pages](https://www.w3.org/WAI/) |
| **Document Sections** | This review document includes all WCAG 2.1 A and AA checkpoints, organized into 7 logical sections:   * Visuals * Keyboard * Headings and Structure * Labeling * Multimedia * Usability * Mobile User Experience |
| **Pages Covered** | * Header, Footer, Quick Search(home), PICO, PV Wizard, Medical device, Advanced, Query Translator, Emtree, Journals, Record Details, Results, Saved Searches |
| **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."** |
| **Notes/Terminology** | * **“AT” stands for Assistive Technology such as screen readers, voice input, etc.** |

## Conformance Summary

| **WCAG 2.1 Success Criterion** | **Level** | **Evaluation** |
| --- | --- | --- |
| 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 | Supports (N/A) |
| 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 | Partially supports |
| 1.4.11: Non-Text Contrast (2.1) | AA | Partially supports |
| 1.4.12: Text Spacing (2.1) | AA | Partially supports |
| 1.4.13: Content on Hover or Focus (2.1) | AA | Supports |
| 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 | Does not support |
| 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 | Partially 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 | Supports |
| 2.4.5: Multiple Ways | AA | Partially 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 |
| 2.5.2: Pointer Cancellation (2.1) | A | Supports |
| 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 | Partially supports |
| 3.2.1: On Focus | A | Supports (N/A) |
| 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 |

## WCAG 2.1 A and AA Success Criteria

### Visuals

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.1.1: Non-Text Content](https://www.w3.org/TR/WCAG21/#non-text-content) (A) Provide text alternatives for non-text content (e.g. images) | Partially supports | Many images and icons have appropriate text equivalents.  **Exceptions:**   * Header: The institution icon button does not have a text equivalent. * Footer: The RELX and Elsevier logos do not have text equivalents. * Quick Search, PICO, Medical Device, Journals: Chevron icons in combo boxes that appear throughout the product provide unnecessary text equivalent as “Expand. * PICO, Medical Device: Icons in links indicate that the link will open a new tab is does not have text equivalent. * PICO: Blue and orange tags contain icons that convey meaning but do not provide text equivalent of what they represent. * Advanced, Results: Search page tabs contain border lined on the individual page tabs that have select search options but do not have a text equivalent. * Query Translator: The “no exact match text equivalent” and “no translation” visual treatments on the query translation have no text equivalents. * Results: the SVG under the Sources filter does not provide an appropriate text equivalent, much of the SVG shape and line information is unnecessarily exposed to assistive technology. * Results: Go to next page image link has no text equivalent. |
| [1.3.3: Sensory Characteristics](https://www.w3.org/TR/WCAG21/#sensory-characteristics) (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](https://www.w3.org/TR/WCAG21/#use-of-color) (A) Color is not used as the only visual means of conveying info | Partially supports | In most instances, when color is used as a means of conveying information, another visual method is also used to convey the information without color.  **Exceptions:**   * Results: The filter options such as Sources, Gender uses color change only to indicate selected filter options. |
| [1.4.3: Color Contrast (Minimum)](https://www.w3.org/TR/WCAG21/#contrast-minimum) (AA) Text has enough contrast with the background (4.5:1 for small text and 3:1 for large text) | Partially supports | Text has sufficient contrast with its corresponding background in most areas.  **Exceptions:**   * Orange text #E9711C on white background #FFFFFF has a contrast of 2.8:1. This color combination appears in: PV Wizard, Advanced, Results. * Orange text #E9711C on grey background #F5F5F5 has a contrast ratio of 2.8:1. This color combination appears in: PV Wizard, Results. * Orange text #EB6500 on white #FFFFFF has a contrast of 3.3:1. This color combination appears in: Journals. * Grey text #B5B5B5 on white background #FFFFFF has a contrast of 2:1. This color combination appears in: PV Wizard, Journals, Saved Searches. * Grey text #969696 on white #FFFFFF has a contrast of 2.9:1. This color combination appears in: Browse Emtree. * Grey text #888888 on white background #FFFFFF has a contrast of 3.5:1. This color combination appears in: PV Wizard, Results. |
| [1.4.4: Resize Text](https://www.w3.org/TR/WCAG21/#resize-text) (AA)  Text can be enlarged up to 200% without loss of functionality. | Supports | Text may be enlarged to 200% while preserving functionality of content. |
| [1.4.5: Images of Text](https://www.w3.org/TR/WCAG21/#images-of-text) (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. | Partially supports | Many pages utilize a responsive view where content reflows into a single column. In most instances pages may be zoomed to 400% without necessitating horizontal scrolling, nor loss of functionality/content.  **Exceptions:**   * Pages that cannot reflow without losing content or functionality include: Quick Search, PICO, PV Wizard, Advanced, Query Translator, Browse Emtree, Record Details, Results, Saved Searches. |
| [1.4.11: Non-Text Contrast](https://www.w3.org/TR/WCAG21/#non-text-contrast) (AA)  User interaction components and graphical objects have a contrast ratio of at least 3:1 against adjacent color(s). | Partially supports | Almost all non-text UI components and graphical objects have at least a 3:1 contrast ratio against surrounding colors.  **Exceptions:**   * Header: The blue keyboard focus color #3899FC on white #FFFFFF has a contrast ratio of 2.9:1. * All pages with forms: The grey underline form border color #DCDCDC against white #FFFFFF has a contrast ratio of 1.4:1. * Pages with autosuggest forms: The grey focus/selection indicator #F5F5F5 against white #FFFFFF has a contrast ratio of 1.1:1. * New tab icon: The opens in new tab icon #969696 against white #FFFFFF has a contrast ratio of 2.95:1. * PICO - Blue button tags: The blue button tags (which indicate custom search terms) against white #FFFFFF have a contrast ratio of 1.2:1. * PICO - Orange button tags: The orange button tags (which indicate Emtree term) FFF2DE against white #FFFFFF has a contrast ratio of 1.1:1. * PICO - Pane resizer control: The pane resizer control #EBEBEB on white #FFFFFF has a contrast ratio of 1.2:1. * PV Wizard: The Emtree orange text selected color #E9711C against grey #F5F5F5 has a contrast ratio of 2.8:1. * Advanced Results: The orange line on page tabs #E9711C against grey #F5F5F5 has a contrast ratio of 2.8:1. * Query Translator - Grey underline color: The grey underline color #B9B9B9 that represents no exact query match against white #FFFFFF has a contrast ratio of 2:1. * Query Translator - Red background color: The red background color #FFDCD5 that represents no translation against white #FFFFFF has a contrast ratio of 2:1. * Yellow highlight text: The yellow highlight text #FFEC84 to help users locate where results and journal appear on white #FFFFFF has a contrast ratio of 1.2:1. * Results: The sources filter contains SVG graphics with multiple color combinations that do not meet at least 3:1 in contrast. |
| [1.4.12: Text Spacing](https://www.w3.org/TR/WCAG21/#text-spacing) (AA)  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. | Partially supports | Users may adjust the text spacing of content on pages to the minimum baseline properties without causing loss of content or functionality in most areas.  **Exceptions:**   * Header - The icons of the header get cut off. * Medical Device - some text is cut off such as the query tags with the edit and delete buttons. |
| [1.4.13: Content on Hover or Focus](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (AA)  Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:   * Dismissible * Hoverable * Persistent | Supports | The product supports the criteria for additional content visibility triggered by pointer hover or keyboard focus by being dismissible, hoverable, and persistent. Users can dismiss the content without changing the pointer or keyboard focus, except when indicating an input error. The content remains visible when the pointer hovers over it and stays open until the user removes the hover, dismisses it, or the information is no longer relevant. |
| [2.3.1: Three Flashes or Below Threshold](https://www.w3.org/TR/WCAG21/#three-flashes-or-below-threshold) (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

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.2: Meaningful Sequence](https://www.w3.org/TR/WCAG21/#meaningfuusequence) (A)  The correct reading sequence can be programmatically determined | Partially supports | The correct reading sequence is typically logical and programmatically determinable, with the DOM order according with the visual order in most areas.  **Exceptions:**   * The select date pop up does not follow the form that activated it instead it is somewhere at the bottom in the HTML DOM order. This date picker appears in: Quick Search, PV Wizard, Medical Device, Advanced, * Panes that appear visually on the first or last appears in different order in the HTML DOM. Panes like this appear in: PICO, PV Wizard, Query Translator * Floating labels that appear throughout the application visually contain labels that are visually before form but appear after the form in the HTML DOM order. * Page tabs that appear in pages such as Advanced and Results do not have meaningful reading order the user cannot access the activated tabpanel except if the last tab list is activated. |
| [2.1.1: Keyboard](https://www.w3.org/TR/WCAG21/#keyboard) (A)  All functionality is available from a keyboard, except for tasks such as drawing | Partially supports | Most standard web page content and functionality is keyboard operable across pages.  **Exceptions**:   * Header: Popups contain links that are not keyboard focusable * Quick Search, PV Wizard: Select date popup contains multiple controls that are not keyboard focusable. * Quick Search: Operator dropdown options are not keyboard focusable. * Quick Search: Popup dialogs contain extra tab focus on their containers. * Quick Search, Query Translator, Browse Emtree, Saved Searches: Pane resizer is not keyboard focusable. * PV Wizard: The step indicator buttons are not keyboard focusable. * Advanced, Results: The page tab’s tab panel content cannot be reachable by keyboard except the last page tab’s tabpanel content. * Query Translator: when interacting with the translated query form users can navigate by keyboard the first time, however after leaving the form and returning to the form keyboard users are no longer able to re-enter the form to edit it manually. * Results: multiple areas in the results page do not receive focus such as checkboxes, tabpanel content, action buttons and mouse hover only content, Sources filter section. * Saved Searches: table row selection is not available by keyboard focus. |
| [2.1.2: No Keyboard Trap](https://www.w3.org/TR/WCAG21/#no-keyboard-trap) (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](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (A)  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](https://www.w3.org/TR/WCAG21/#focus-order) (A)  Users can tab through the elements of a page in a logical order | Partially supports | Tab order is largely logical across the site and preserves the meaning and operability of content in most instances.  **Exceptions:**   * Page load: When a page loads, depending on which navigation items were selected the content does not move focus to logical or consistent locations and often skip over the first element of the page. * Quick Search, PICO, PV Wizard, Medical Device, Advanced: The select date pop up does not follow the form that activated it instead it is somewhere at the bottom in the DOM order. * Query Translator: When a tree item is selected and it doesn't open any more items (it's the last item in that tree branch), focus moves to the top node of the tree which is not expected when interacting with treeviews. |
| [2.4.7: Focus Visible](https://www.w3.org/TR/WCAG21/#focus-visible) (AA)  The page element with the current keyboard focus has a visible focus indicator | Partially supports | Many elements across the site have a decent visible indication of focus.  **Exceptions:**   * Quick Search, PICO, PV Wizard, Medical Device, Advanced: Some controls in the date picker pop up receive focus but do not have a focus indicator. * PV Wizard: “Previous”, “Results” and “Next step” buttons have no visible focus indicator. |
| [3.2.1: On Focus](https://www.w3.org/TR/WCAG21/#on-focus) (A)  When a UI component receives focus, this does not trigger unexpected actions. | Supports (N/A) | Focusable elements do not cause unexpected actions/changes of context when receiving focus. |

### Headings and Structure

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.1: Information and Relationships](https://www.w3.org/TR/WCAG21/#info-and-relationships) (A)  Info, structure, and relationships can be programmatically determined | Partially supports | Most content is distinguishable via semantic structure and relationships. A logical heading order reflecting page organization and content is programmatically determinable on most pages. List markup is used appropriately in many instances. Most input elements have programmatically determinable labels. HTML sectioning elements/landmark roles demarcate content regions.  **Exceptions:**   * Header: In the Resource Center popup, The Videos and Webinars visually do not have a number but with the screen reader it indicates 2 items unread. * Quick Search: There is visually hidden content available to screen readers but not all users. * Quick Search, PV Wizard, Advanced, Results: There are multiple related form groups and interactive content that are not programmatically group to reflect their relationships to each other. * Quick Search, PICO, PV Wizard, Medical Device, Advanced, Saved Searches: For the date pickers, there is no programmatic indication that there is a date selection popup that opened and their relation the control that activated the date picker popup. * Advanced, Results: The page tabs have no programmatic indication that they are a page tab like structure. * Query Translator: When interacting with the translated content, each term in the query is coded like a tooltip but are instead popup like dialogs with interactive content. * Browse Emtree, Results: Contain labels that are not programmatically associated with their forms. * Record Details: Contain headings that are not marked as so in the HTML. * Results: For the History and Results sections, there are no code structures to indicate that there is a list of selectable list items. And there is table markup used as layout. |
| [2.4.1: Bypass Blocks](https://www.w3.org/TR/WCAG21/#bypass-blocks) (A)  Users can bypass repeated blocks of content. | Partially supports | Each page features a “Skip to Main Content” skip navigation link. On most pages, a logical heading order and landmarks demarcating various content regions allow AT users to conveniently jump to different areas of content.  **Exceptions:**   * There is no skip link on the Results page. |
| [2.4.6: Headings and Labels](https://www.w3.org/TR/WCAG21/#headings-and-labels) (AA)  Headings and labels are clear and consistent. | Supports | Headings and labels used are typically clear and descriptive. For example, most pages feature visually distinct and programmatically determinable main and secondary headings to help distinguish content. |
| [3.1.1: Language of Page](https://www.w3.org/TR/WCAG21/#language-of-page) (A)  The language of the page is specified | Supports | The default page language is typically and appropriately defined as lang="en". |
| [3.1.2: Language of Parts](https://www.w3.org/TR/WCAG21/#language-of-parts) (AA)  Specify the language of text passages that are in a different language than the default language of the page. | Partially supports | Assistive technology can identify the languages used within a page for most areas.  **Exceptions:**   * Record Details pages: Some record details pages contain different languages than the default language of the page is not indicated programmatically. |
| [4.1.1: Parsing](https://www.w3.org/TR/WCAG21/#parsing) (A)  Use valid, error-free HTML | Supports | HTML and CSS typically pass concerning these 4 specific criteria:   1. elements have complete start and end tags, 2. elements are nested according to their specifications 3. elements do not contain duplicate attributes 4. any IDs are unique, except where the specifications allow these features.   Note: There may be other general HTML validation errors outside the scope of this criterion. WCAG 2.1 Errata notes: “This Success Criterion should be considered as always satisfied for any content using HTML or XML.” |

### Labeling

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.5: Identify Input Purpose](https://www.w3.org/TR/WCAG21/#identify-input-purpose) (AA)  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. | Supports (N/A) | The product largely contains form related to search and often implements technologies such as autosuggest or autofill to support for identifying the expected meaning. |
| [2.4.2: Page Titled](https://www.w3.org/TR/WCAG21/#page-titled) (A)  The page has a title describing its topic or purpose | Partially supports | A descriptive page title that identifies content/purpose is not present for most pages: "Elsevier" is defined generically as the page title across many pages.  **Exceptions:**   * Some pages such Results and Advanced(and similar layout to this page) pages have “Embase” as their page title which is not unique nor descriptive. |
| [2.4.4: Link Purpose (In Context)](https://www.w3.org/TR/WCAG21/#link-purpose-in-context) (A)  The purpose of each link can be determined from the link text or surrounding context. | Supports | An identifiable purpose may be deduced for almost all links from the link text or surrounding context. |
| [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 | For user interface components with labels that include text or images of text, the name contains the text that is presented visually. |
| [3.2.4: Consistent Identification](https://www.w3.org/TR/WCAG21/#consistent-identification) (AA)  UI components used across the web site are identified consistently on every page. | Supports | Components are typically consistent across the site and identified consistently where they perform the same function across pages. |
| [3.3.1: Error Identification](https://www.w3.org/TR/WCAG21/#error-identification) (A)  Input errors are clearly marked and described to the user. | Partially supports | In most instances, errors are identified and presented well visually. For many inputs, errors are typically validated before form submission. Error messages that offer specific feedback are presented adjacently and visually distinguished via different text color (red).  **Exceptions:**   * Error and success messages appear temporarily onscreen do not provide clear feedback, users may not have enough time to notice and understand the error. This type of user interaction appears in: Advanced, Record details, Saved Searches. |
| [3.3.2: Labels or Instructions](https://www.w3.org/TR/WCAG21/#labels-or-instructions) (A)  Items requiring user input are clearly labeled or have clear instructions. | Partially supports | Labels or instructions are provided for most form elements, most of which are programmatically associated with their inputs.  Note: see SC 1.3.1 for exceptions where visible labels may not be programmatically associated with inputs.  **Exceptions:**   * Forms with autosuggest or auto update functionality do not provide clear instructions on how to use these forms. Forms like this can be found in: Quick Search, PICO, Medical Device, Advanced, Query Translator, Browse Emtree, Journal, Results. * Form and button interactions that update panes or vice versa do not have clear instructions. This type of component appears in: PICO, Query Translator. |
| [3.3.3: Error Suggestion](https://www.w3.org/TR/WCAG21/#error-suggestion) (AA)  When the user makes an input error, give suggestions for valid input. | Supports | The nature of content would largely not give rise to opportunities for error suggestions, but relevant helpful suggestions are occasionally provided in text. |
| [4.1.2: Name, Role, Value](https://www.w3.org/TR/WCAG21/#name-role-value) (A)  For all UI components, the name, value, and role can be programmatically determined. | Partially supports | Some UI components communicate their state programmatically, and many have accessible names that are appropriately defined. Several ARIA attributes and roles are not present where appropriate.  **Exceptions:**   * Header, Quick Search, PICO, PV Wizard, Medical Device, Advanced, Query Translator, Browse Emtree, Journals, Results, Saved Searches: Contains interactive UI components that lack an appropriate name. * Header, Quick Search, PICO, Advanced, Results, Saved Searches: Contains interactive content that is expandable/collapsible such as accordions, autosuggest forms and dropdowns but do not have the appropriate state indicated. * Header, Quick Search, PICO, PV Wizard, Medical Device, Query Translator, Browse Emtree, Journals, Results, Saved Searches: Contains interactive content such as links, buttons, treeviews, dialogs, and page tabs that lack the appropriate role or utilizes inappropriate role or ARIA attributes. * Quick Search, PICO, PV Wizard, Medical Device, Advanced: For the date pickers, there is no programmatic indication that there is a date selection popup that opened. * Query Translator: When interacting with the translated content, each term in the query is coded like a tooltip but are instead popup like dialogs with interactive content. * Results: The disabled buttons do not indicate their state of disabled programmatically. * Results: Some of the buttons in the filter do not have name, roles or indicate the selected state programmatically. * PICO, PV Wizard, Advanced, Query Translator, Browse Emtree, Results, Saved Searches: Pane Resizer lacks name, role and value to indicate what it is, what it does and what position it currently is in. |
| [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 | Status messages, while uncommonly encountered, are typically not announced by assistive technology. |

### Multimedia

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.2.1: Audio-only or Video-only (Prerecorded)](https://www.w3.org/TR/WCAG21/#audio-only-and-video-only-prerecorded) (A)  Provide alternatives for pre-recorded audio-only or video-only content. | Supports (N/A) | There is no pre-recorded audio-only or video-only content. |
| [1.2.2: Captions (Prerecorded)](https://www.w3.org/TR/WCAG21/#captions-prerecorded) (A)  Provide captions for pre-recorded audio | Supports (N/A) | No captions are provided for audiovisual content. |
| [1.2.3: Audio Description or Media Alternative (Prerecorded)](https://www.w3.org/TR/WCAG21/#audio-description-or-media-alternative-prerecorded) (A)  Provide alternatives for pre-recorded synchronized audio/video | Supports (N/A) | Neither audio descriptions nor suitable textual alternatives are provided as alternatives for video in audiovisual content. |
| [1.2.4: Captions (Live)](https://www.w3.org/TR/WCAG21/#captions-live) (AA)  Provide captions for live audio in synchronized audio/video. | Supports (N/A) | There is no synchronized audio/video content nor live audio. |
| [1.2.5: Audio Description (Prerecorded)](https://www.w3.org/TR/WCAG21/#audio-description-prerecorded) (AA)  Provide an audio description of pre-recorded video. | Supports (N/A) | No audio descriptions are provided for video in audiovisual content. |
| [1.4.2: Audio Control](https://www.w3.org/TR/WCAG21/#audio-control) (A)  Audio can be paused and stopped, or the audio volume can be changed. | Supports (N/A) | No pages feature audio that plays automatically. |
| [2.2.2: Pause, Stop, Hide](https://www.w3.org/TR/WCAG21/#pause-stop-hide) (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 for which the criterion is applicable. |

### Usability

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [2.2.1: Timing Adjustable](https://www.w3.org/TR/WCAG21/#pause-stop-hide) (A)  Users are warned of time limits shorter than 20 hours and time limits can be turned off or extended | Does not support | Embase has a session timeout, but no warning is given or an option to extend the session. |
| [2.4.5: Multiple Ways](https://www.w3.org/TR/WCAG21/#multiple-ways) (AA)  More than one way is available to navigate to other web pages. | Partially supports | Users can reach all pages in the system using the global navigation.  The Account Settings page can *only* be reached through the profile settings dropdown. |
| [3.2.2: On Input](https://www.w3.org/TR/WCAG21/#on-input) (A)  Changing the setting of a checkbox, radio button, or other UI component does not trigger unexpected changes in context. | Partially supports | User input, such as changing the values of form elements, does not initiate unexpected actions or changes in context on most areas.  **Exceptions:**   * Form and button interactions that update panes or vice versa without any notification or instructions before or during the changes in context. This type of component appears in: PICO, Query Translator. * Search forms with autosuggestions or auto updates a page initiate unexpected actions without notifying the user beforehand or during the interaction with the search. This type of user interaction appears in: Quick Search, PICO, Medical Device, Advanced, Query Translator, Browse Emtree, Journal, Results. * Add/remove terms or fields buttons pattern that adds new content or remove new content is not notified to users beforehand or during: Quick Search, Medical Device, Advanced |
| [3.2.3: Consistent Navigation](https://www.w3.org/TR/WCAG21/#consistent-navigation) (AA)  Navigation menus are in the same location and order on every web page. | Supports | Navigation menus are consistent across pages. For example, global navigation links in the header are consistent across pages, occurring in the same order. |
| [3.3.4: Error Prevention (Legal, Financial, Data)](https://www.w3.org/TR/WCAG21/#error-prevention-legal-financial-data) (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

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **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 | Pages do not restrict view and operation of content 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 | Pages do not utilize or require multipoint or path-based gestures for any functionality. |
| [2.5.2: Pointer Cancellation](https://www.w3.org/TR/WCAG21/#pointer-cancellation) (A)  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](https://www.w3.org/TR/WCAG21/#motion-actuation) (A)  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 that utilizes device or user motion. |