High-Level Accessibility Evaluation (WCAG 2.1)
Ovid Medline
February 19, 2024

Prepared for:
BTAA-Library Accessibility Alliance

Prepared by:
Emily Mason, UX Researcher
User-Experience Lab
CCI Research & Innovation Center (RIC)
University of Tennessee
uxlab@utk.edu

Primary Point of Contact:
Amy Forrester, RIC Assistant Director
aforres4@utk.edu
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUMMARY</td>
<td>3</td>
</tr>
<tr>
<td>Top Findings</td>
<td>3</td>
</tr>
<tr>
<td>ACCESSIBILITY FINDINGS</td>
<td>4</td>
</tr>
<tr>
<td>1. Initial Interface</td>
<td>5</td>
</tr>
<tr>
<td>2. Search Results</td>
<td>8</td>
</tr>
<tr>
<td>3. Individual Results</td>
<td>12</td>
</tr>
<tr>
<td>4. Advanced Search</td>
<td>16</td>
</tr>
</tbody>
</table>
SUMMARY

This report reflects the findings of a high-level assessment of the Ovid Medline platform for its conformance with the W3C Web Content Accessibility Guidelines version 2.1 (WCAG 2.1).

There are very few WCAG 2.1 compliance issues with Ovid Medline and they are very minor overall with the most pressing issue being with ARIA implementation and a few color issues. Below are the most critical issues to address to improve system compliance.

Top Findings

1. **Perception:** The main problem with the accessibility is the improper use of ARIA and semantic HTML elements, particularly in the navigation. There are missing roles, roles that are not contained by proper parents, and HTML elements that are improperly nested. These can cause significant issues with screen readers and keyboard navigation.

2. **Compatibility:** Another major issue is compatibility, seemingly caused by ARIA labels and several instances of nested controls across the site. This will cause issues with screen readers and keyboard navigation. Please refer to the WAI-ARIA Authoring Best Practices Guide for examples of proper aria implementation across a variety of use cases.

3. **Color:** There are a few minor color issues that were identified. There are some links that are only identifiable using color that do not meet the minimum 4.5:1 contrast ratio and there should be an additional way of identifying the links even without color, such as, underlining and making sure they meet 4.5:1 contrast with the background and 3:1 contrast with surrounding text.

Best Practices

- Form elements should have a visible label.
- All page content should be contained by landmarks.
- ARIA role should be appropriate for the element.
- Heading levels should only increase by one.
ACCESSIBILITY FINDINGS

This report was conducted against the Ovid Medline Platform and covers a selection of pages and features that were to be tested as a representative sample of the database’s conformance to the WCAG 2.1 AA standards.

The resource was reviewed using a combination of manual and automatic review tools and assistive technologies, including the WAVE Accessibility Assessment tool, Axe Accessibility Assessment tool, WCAG Color Contrast Checker, and NVDA screen reader. PDF content was tested against Section 508 requirements using Adobe Acrobat’s accessibility tools and manual analysis. All problems identified by automatic tools were verified manually. This evaluation was performed using Firefox on Windows 11.

Below are the errors revealed during the accessibility evaluation of the Ovid Medline platform. Each result shows a summary of accessibility issues and the reason it was flagged. Screenshots are included.
1. Initial Interface

Test Case: After choosing both Ovid Medline(R) resources, test the initial interface/landing page to ensure menus, sub-menus, search box, images, icons, etc. are accessible. https://ovidsp-dc2-ovid-com.proxy.lib.umich.edu/ovid-new-a/ovidweb.cgi

SC 1.3.1: Certain ARIA roles must contain particular children.

Location(s):
- `<ul class="top" role="menu">

Reason flagged:
- Element has children which are not allowed: li[aria-current], li[tabindex]
- Element uses aria-busy="true" while showing a loader
SC 1.3.1: Certain ARIA roles must be contained by particular parents.

Location(s):
- <li class="header-lists" role="menuitem">

Reason flagged:
- Required ARIA parents role not present: menu, menubar, group

SC 1.3.1: <ul> and <ol> must only directly contain <li>, <script>, or <template> elements.

Location(s):
- <ul class="header-list" id="headerList">

Reason flagged:
- List element has direct children that are not allowed: [role=menuitem]

SC 1.3.1: <li> elements must be contained in a <ul> or <ol>.

Location(s):
- <li aria-current="page" class="current search"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&C=_main&tab=search&Main+Search+Page=1" class="tlink">Search</a></li>
- <li class="journals"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&tab=journal&Jump+to+Browse=journal&New+Database=S.dbListAll%7cSingle%7c26" class="tlink">Journals</a></li>
- <li class="books"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&tab=books&Jump+to+Browse=books&New+Database=S.dbListAll%7cSingle%7c3" class="tlink">Books</a></li>
- <li class="workspace"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&C=_main&tab=workspace.projects&Projects+Main+Page=1" class="tlink">My Workspace</a></li>
- <li class="jbi">
- <li class="remote"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&New+Database=S.dbListAll%7cSingle%7c6&C=_main&pcodes=acccsp" class="tlink">ACC CardioSource Plus</a></li>

Reason flagged:
- List item does not have a <ul>, <ol> parent element without a role, or a role="list"
SC 4.1.2: ARIA attributes must conform to valid names.

**Location(s):**
- `<div class="msp-ovidclassic-box clearfix" id="ovidclassic" role="tabpanel" aria-labeledby="ovidclassic-tab">`

**Reason flagged:**
- Invalid ARIA attribute name: aria-labeledby

SC 4.1.2: Interactive controls must not be nested.

**Location(s):**
- `<li role="tab" tabindex="-1" id="easy-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&Display+Mode=easy" data-ual-handler--211366781="true">Basic Search</a></li>`
- `<li role="tab" tabindex="-1" id="findcite-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&Display+Mode=findcite" data-ual-handler--304534413="true">Find Citation</a></li>`
- `<li role="tab" tabindex="-1" id="subjsrch-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&Display+Mode=subjsrch" data-ual-handler--925654691="true">Search Tools</a></li>`
- `<li role="tab" tabindex="-1" id="multifield-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&Display+Mode=multifield" data-ual-handler--1463215170="true">Multi-Field Search</a></li>`

**Reason flagged:**
- Element has focusable descendants
2. Search Results

Test Case: From the initial landing page, conduct a basic search for: “Acetaminophen.” Test search results page, including filters/refine search. Under "Limits", select "English language." Under "Filter By", Sort by “Past 3 years.”

SC 1.3.1: Certain ARIA roles must contain particular children.
Location(s):
- `<ul class="top" role="menu">

  Reason flagged:
  - Element has children which are not allowed: li[aria-current], li[tabindex]
  - Element uses aria-busy="true" while showing a loader

SC 1.3.1: Certain ARIA roles must be contained by particular parents.
Location(s):
- `<li class="header-lists" role="menuitem">
Reason flagged:
- Required ARIA parents role not present: menu, menubar, group

SC 1.3.1: <ul> and <ol> must only directly contain <li>, <script>, or <template> elements.
Location(s):
- <ul class="header-list" id="headerList">
- <ul id="filterby-filters">

Reason flagged:
- List element has direct children that are not allowed: [role=menuitem]
- List element has direct children that are not allowed: a

SC 1.3.1: <li> elements must be contained in a <ul> or <ol>.
Location(s):
- <li aria-current="page" class="current search"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&C=_main&tab=search&amp;Main+Search+Page=1" class="tlink">Search</a></li>
- <li class="journals"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&tab=journals&amp;C=yrovft&amp;Jump+to+Browse=yrovft&amp;New+Database=S.dbListAll%7cSingle%7c26" class="tlink">Journals</a></li>
- <li class="books"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&tab=books&amp;C=books&amp;Jump+to+Browse=books&amp;New+Database=S.dbListAll%7cSingle%7c3" class="tlink">Books</a></li>
- <li class="workspace"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&C=_main&tab=workspace.projects&amp;Projects+Main+Page=1 " class="tlink">My Workspace</a></li>
- <li class="jbi">
- <li class="remote"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&amp;C=_main&amp;pcodes=acccsp" class="tlink">ACC CardioSource Plus</a></li>

Reason flagged:
- List item does not have a <ul>, <ol> parent element without a role, or a role="list"

SC 1.4.3: Elements must meet minimum color contrast ratio thresholds.
Location(s):
Reason flagged:
- Element has insufficient color contrast of 2.4 (foreground color: #80adc9, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1

SC 4.1.2: Elements must only use supported ARIA attributes.

Location(s):
- `<div class="ovid-vertical-widget ui-widget ui-widget-content ui-helper-clearfix ovid-widget ovid-widget-search_information" id="search_information" role="application" aria-selected="false" draggable="true" tabindex="0" aria-labelledby="search_information-instruction" onkeydown="dragElement(event)" aria-grabbed="false" aria-dropeffect="move">
- `<div class="ovid-vertical-widget ui-widget ui-widget-content ui-helper-clearfix ovid-widget ovid-widget-filter_by" id="filter_by" role="application" aria-selected="false" draggable="true" tabindex="0" aria-labelledby="filter_by-instruction" onkeydown="dragElement(event)" aria-grabbed="false" aria-dropeffect="move">
- `<span class="filters-inactive browse-journal-subject-selected" aria-selected="true">All Stars</span>`
- `<div class="ovid-vertical-widget ui-widget ui-widget-content ui-helper-clearfix ovid-widget ovid-widget-my_projects" id="my_projects" role="application" aria-selected="false" draggable="true" tabindex="0" aria-labelledby="my_projects-instruction" onkeydown="dragElement(event)" aria-grabbed="false" aria-dropeffect="move">
- `<div class="ovid-vertical-widget ui-widget ui-widget-content ui-helper-clearfix ovid-widget ovid-widget-JBI_Tools_Widgets" id="JBI_Tools_Widgets" role="application" aria-selected="false" draggable="true" tabindex="0" aria-labelledby="JBI_Tools_Widgets-instruction" onkeydown="dragElement(event)" aria-grabbed="false" aria-dropeffect="move">

Reason flagged:
- ARIA attribute is not allowed: aria-selected="false"
SC 4.1.2: Elements must only use permitted ARIA attributes.

**Location(s):**
- <span class="filter-chevron-icon" aria-label="Specific Year Range" tabindex="-1"></span>

**Reason flagged:**
- aria-label attribute cannot be used on a span with no valid role attribute.

SC 4.1.2: ARIA attributes must conform to valid names.

**Location(s):**
- <div class="msp-ovidclassic-box clearfix" id="ovidclassic" role="tabpanel" aria-labeledby="ovidclassic-tab">
- <a href="ovidweb.cgi?&amp;S=HAAIFPNFKGBMCABIIPKJOHLEIMHJAA00&amp;RT+Widget+Options=RT" role="button" tabindex="0" aria-labeledby="options-label" class="wk-custom-text-button" data-ual-handler--1622985963="true">

**Reason flagged:**
- Invalid ARIA attribute name: aria-labeledby

SC 4.1.2: Interactive controls must not be nested.

**Location(s):**
- <li role="tab" tabindex="-1" id="easy-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGBMCABIIPKJOHLEIMHJAA00&Display+Mode=easy" data-ual-handler--211366781="true">Basic Search</a></li>
- <li role="tab" tabindex="-1" id="findcite-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGBMCABIIPKJOHLEIMHJAA00&Display+Mode=findcite" data-ual-handler--304534413="true">Find Citation</a></li>
- <li role="tab" tabindex="-1" id="subjsrch-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGBMCABIIPKJOHLEIMHJAA00&Display+Mode=subjsrch" data-ual-handler--925654691="true">Search Tools</a></li>
- <li role="tab" tabindex="-1" id="multifield-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGBMCABIIPKJOHLEIMHJAA00&Display+Mode=multifield" data-ual-handler--1463215170="true">Multi-Field Search</a></li>
3. Individual Results

**Test Case:** Test individual search result landing page & test actual document (PDF).

**Reason flagged:**
- Element has focusable descendants

---

**SC 1.3.1:** Certain ARIA roles must contain particular children.

**Location(s):**
- `<ul class="top" role="menu">`

**Reason flagged:**
- Element has children which are not allowed: li[aria-current], li[tabindex]
- Element uses aria-busy="true" while showing a loader
SC 1.3.1: Certain ARIA roles must be contained by particular parents.

Location(s):
- <li class="header-lists" role="menuitem">

Reason flagged:
- Required ARIA parents role not present: menu, menubar, group

SC 1.3.1: <ul> and <ol> must only directly contain <li>, <script>, or <template> elements.

Location(s):
- <ul class="header-list" id="headerList">

Reason flagged:
- List element has direct children that are not allowed: [role=menuitem]

SC 1.3.1: <li> elements must be contained in a <ul> or <ol>.

Location(s):
- <li aria-current="page" class="current search"><a href="ovidweb.cgi?&S=HAAIFPNFKGBMCABIPKJOHLEIMHJAA00&C=_main&tab=search&Main+Search+Page=1" class="tlink">Search</a></li>
- <li class="journals"><a href="ovidweb.cgi?&S=HAAIFPNFKGBMCABIPKJOHLEIMHJAA00&tab=journal&amp;C=yrovft&amp;Jump+to+Browse=yrovft&amp;New+Database=S.dbListAll%7cSingle%7c26" class="tlink">Journals</a></li>
- <li class="books"><a href="ovidweb.cgi?&S=HAAIFPNFKGBMCABIPKJOHLEIMHJAA00&tab=books&amp;C=books&amp;Jump+to+Browse=books&amp;New+Database=S.dbListAll%7cSingle%7c3" class="tlink">Books</a></li>
- <li class="workspace"><a href="ovidweb.cgi?&S=HAAIFPNFKGBMCABIPKJOHLEIMHJAA00&C=_main&amp;tab=workspace.projects&amp;Projects+Main+Page=1" class="tlink">My Workspace</a></li>
- <li class="jbi">
- <li class="remote"><a href="ovidweb.cgi?&S=HAAIFPNFKGBMCABIPKJOHLEIMHJAA00&amp;New+Database=S.dbListAll%7cSingle%7c6&C=_main&amp;p.codes=acccsp" class="tlink">ACC CardioSource Plus</a></li>

Reason flagged:
- List item does not have a <ul>, <ol> parent element without a role, or a role="list"
SC 1.4.1: Links must be distinguishable without relying on color.

Location(s):

Reason flagged:
- The link has insufficient color contrast of 1.7:1 with the surrounding text. (Minimum contrast is 3:1, link text: #005b92, surrounding text: #353535)
- The link has no styling (such as underline) to distinguish it from the surrounding text

SC 1.4.3: Elements must meet minimum color contrast ratio thresholds.

Location(s):
- <a class="tlink view_selected_link tlinkdisable" role="button" title="Add selected to Search History" href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIOPKJOHLEIMHJAA00&View+Selected+Results=1" tabindex="-1" aria-hidden="true"><span class="wk-icon-plus-circle"></span>&nbsp;Keep Selected</a>
- <a class="tlink view_selected_link tlinkdisable" role="button" title="Add selected to Search History" href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIOPKJOHLEIMHJAA00&View+Selected+Results=1" tabindex="-1" aria-hidden="true"><span class="wk-icon-plus-circle"></span>&nbsp;Keep Selected</a>

Reason flagged:
- Element has insufficient color contrast of 2.4 (foreground color: #80adc9, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1

SC 4.1.2: Interactive controls must not be nested.

Location(s):
- <button type="button" class="wk-button wk-button-text wk-button-icon-left wk-button-small">

Reason flagged:
- Element has focusable descendants
PDF Document Analysis:

<table>
<thead>
<tr>
<th>PDF Area Assessed</th>
<th>Failed Issues</th>
</tr>
</thead>
<tbody>
<tr>
<td>Document</td>
<td>Tagged PDF</td>
</tr>
<tr>
<td></td>
<td>Title</td>
</tr>
<tr>
<td>Page Content</td>
<td>Tagged Content</td>
</tr>
<tr>
<td></td>
<td>Tagged Annotations</td>
</tr>
<tr>
<td></td>
<td>Tab Order</td>
</tr>
<tr>
<td>Forms</td>
<td>None</td>
</tr>
<tr>
<td>Alternate Text</td>
<td>Figures Alt Text</td>
</tr>
<tr>
<td></td>
<td>Nested Alt Text</td>
</tr>
<tr>
<td></td>
<td>Associated with Content</td>
</tr>
<tr>
<td></td>
<td>Hides Annotation</td>
</tr>
<tr>
<td></td>
<td>Other Elements Alt Text</td>
</tr>
<tr>
<td>Tables</td>
<td>Rows</td>
</tr>
<tr>
<td></td>
<td>TH and TD</td>
</tr>
<tr>
<td></td>
<td>Headers</td>
</tr>
<tr>
<td></td>
<td>Regularity</td>
</tr>
<tr>
<td></td>
<td>Summary (skipped)</td>
</tr>
<tr>
<td>Lists</td>
<td>List Items</td>
</tr>
<tr>
<td></td>
<td>Lbl and Lbody</td>
</tr>
<tr>
<td>Headings</td>
<td>Appropriate Nesting</td>
</tr>
</tbody>
</table>
4. Advanced Search

**Test Case:** Test “Advanced Search” page using: “Acetaminophen.” Then select “Acetaminophen” and “Auto-Explode.” Choose "Blood" from Subheadings Nodes.

---

SC 1.3.1: Certain ARIA roles must contain particular children.

**Location(s):**
- `<ul class="top" role="menu">`
Reason flagged:
- Element has children which are not allowed: li[aria-current], li[tabindex]
- Element uses aria-busy="true" while showing a loader

SC 1.3.1: Certain ARIA roles must be contained by particular parents.
Location(s):
- <li class="header-lists" role="menuitem">

Reason flagged:
- Required ARIA parents role not present: menu, menubar, group

SC 1.3.1: <ul> and <ol> must only directly contain <li>, <script>, or <template> elements.
Location(s):
- <ul class="header-list" id="headerList">
- <ul id="filterby-filters">

Reason flagged:
- List element has direct children that are not allowed: [role=menuitem]
- List element has direct children that are not allowed: a

SC 1.3.1: <li> elements must be contained in a <ul> or <ol>.
Location(s):
- <li aria-current="page" class="current search"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&C=_main&tab=search&Main+Search+Page=1" class="tlink">Search</a></li>
- <li class="journals"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&tab=journals&amp;C=yroft&amp;Jump+to+Browse=yroft&amp;New+Database=S.dbListAll%7cSingle%7c26" class="tlink">Journals</a></li>
- <li class="books"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&tab=books&amp;Jump+to+Browse=books&amp;New+Database=S.dbListAll%7cSingle%7c3" class="tlink">Books</a></li>
- <li class="workspace"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&C=_main&tab=workspace.projects&amp;Projects+Main+Page=1 " class="tlink">My Workspace</a></li>
- <li class="jbi">
- <li class="remote"><a href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&amp;New+Database=S.dbListAll%7cSingle%7c7c4" class="tlink">Remote</a></li>
Reason flagged:
- List item does not have a <ul>, <ol> parent element without a role, or a role="list"

SC 1.4.3: Elements must meet minimum color contrast ratio thresholds.
Location(s):
- <a class="tlink view_selected_link tlinkdisable" role="button" title="Add selected to Search History"
  href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&View+Selected+Results=1" tabindex="-1" aria-hidden="true"><span class="wk-icon-plus-circle"></span>&nbsp;Keep Selected</a>
- <a class="tlink view_selected_link tlinkdisable" role="button" title="Add selected to Search History"
  href="ovidweb.cgi?&S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&View+Selected+Results=1" tabindex="-1" aria-hidden="true"><span class="wk-icon-plus-circle"></span>&nbsp;Keep Selected</a>

Reason flagged:
- Element has insufficient color contrast of 2.4 (foreground color: #80adc9, background color: #ffffff, font size: 10.5pt (14px), font weight: normal). Expected contrast ratio of 4.5:1

SC 4.1.2: Elements must only use supported ARIA attributes.
Location(s):
- <div class="ovid-vertical-widget ui-widget ui-widget-content ui-helper-clearfix ovid-widget ovid-widget-search_information " id="search_information" role="application" aria-selected="false" draggable="true" tabindex="0" aria-labelledby="search_information-instruction" onkeydown="dragElement(event)"
  aria-grabbed="false" aria-dropeffect="move">
- <div class="ovid-vertical-widget ui-widget ui-widget-content ui-helper-clearfix ovid-widget ovid-widget-filter_by " id="filter_by" role="application" aria-selected="false" draggable="true" tabindex="0" aria-labelledby="filter_by-instruction"
  onkeydown="dragElement(event)" aria-grabbed="false" aria-dropeffect="move">
- <span class="filters-inactive browse-journal-subject-selected" aria-selected="true">All Stars</span>
- <div class="ovid-vertical-widget ui-widget ui-widget-content ui-helper-clearfix ovid-widget ovid-widget-my_projects " id="my_projects" role="application" aria-selected="false" draggable="true" tabindex="0" aria-labelledby="my_projects-instruction" onkeydown="dragElement(event)" aria-grabbed="false" aria-dropeffect="move">
- <span class="filters-inactive browse-journal-subject-selected" aria-selected="true">All Stars</span>
- <div class="ovid-vertical-widget ui-widget ui-widget-content ui-helper-clearfix ovid-widget JBI_Tools_Widgets" id="JBI_Tools_Widgets" role="application" aria-selected="false" draggable="true" tabindex="0" aria-labelledby="JBI_Tools_Widgets-instruction" onkeydown="dragElement(event)" aria-grabbed="false" aria-dropeffect="move">

Reason flagged:
- ARIA attribute is not allowed: aria-selected="false"

SC 4.1.2: Elements must only use permitted ARIA attributes.
Location(s):
  - <span class="filter-chevron-icon" aria-label="Specific Year Range" tabindex="-1"></span>

Reason flagged:
- aria-label attribute cannot be used on a span with no valid role attribute.

SC 4.1.2: ARIA attributes must conform to valid names.
Location(s):
  - <div class="msp-ovidclassic-box clearfix" id="ovidclassic" role="tabpanel" aria-labeledby="ovidclassic-tab">
  - <a href="ovidweb.cgi?S=HAAIFPNFKGEBMCAVPKJOHLEIMHJAA00&Display+Mode=easy" data-ual-handler--1622985963="true">Basic Search</a>
  - <a href="ovidweb.cgi?S=HAAIFPNFKGEBMCAVPKJOHLEIMHJAA00&Display+Mode=findcite" data-ual-handler--304534413="true">Find Citation</a>
  - <a href="ovidweb.cgi?S=HAAIFPNFKGEBMCAVPKJOHLEIMHJAA00&Display+Mode=subjsrch" data-ual-handler--304534413="true">Subject Search</a>

Reason flagged:
- Invalid ARIA attribute name: aria-labeledby

SC 4.1.2: Interactive controls must not be nested.
Location(s):
  - <li role="tab" tabindex="-1" id="easy-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGEBMCAVPKJOHLEIMHJAA00&Display+Mode=easy" data-ual-handler--211366781="true">Basic Search</a></li>
  - <li role="tab" tabindex="-1" id="findcite-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGEBMCAVPKJOHLEIMHJAA00&Display+Mode=findcite" data-ual-handler--304534413="true">Find Citation</a></li>
  - <li role="tab" tabindex="-1" id="subjsrch-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGEBMCAVPKJOHLEIMHJAA00&Display+Mode=subjsrch" data-ual-handler--304534413="true">Subject Search</a></li>
Ovid Medline

- <li role="tab" tabindex="-1" id="fields-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&Display+Mode=fields" data-ual-handler--178063802="true">Search Fields</a></li>
- <li role="tab" tabindex="-1" id="multifield-tab" aria-selected="false"><a class="tlink mode-button" href="ovidweb.cgi?S=HAAIFPNFKGEBMCABIPKJOHLEIMHJAA00&Display+Mode=multifield" data-ual-handler--1463215170="true">Multi-Field Search</a></li>

**Reason flagged:**
- Element has focusable descendants

Disclaimer: This high-level evaluation was conducted for the Library Accessibility Alliance and represents a good faith effort conducted within a limited time frame. It should not be assumed to be complete or free from error. No warranties or guarantees are implied. UT is not responsible for direct, indirect, or incidental damages based on this work; its use or interpretation by any individual, group, or organization; or on conditions beyond our control.