

# Research and Quality Tools and Resources for Specialty Societies

Prepared by the American Academy of Orthopaedic Surgeons

Department of Research and Scientific Affairs

[www.aaos.org/quality/](http://www.aaos.org/quality/)

Tool / Resource	Description and Web Links
<p><b>Research Information Services</b></p>	<p>The AAOS Research Librarian is available to help you with general reference assistance, comprehensive literature searches, basic statistical data on musculoskeletal conditions and treatments, and document delivery. Information requests can be submitted by e-mail to <a href="mailto:researchinfo@aaos.org">researchinfo@aaos.org</a> or phone at (847) 384-4312. Registration through LoansomeDoc (<a href="https://docline.gov/loansome/login.cfm?">https://docline.gov/loansome/login.cfm?</a>) is required for document delivery. To discuss librarian support for long-term or ongoing projects, contact Anne Woznica at <a href="mailto:woznica@aaos.org">woznica@aaos.org</a>.</p>
<p><b>Assistance with Surveys (For Specialty Societies – Not Individuals)</b></p>	<p>The AAOS Survey Research Unit offers professional survey services including sampling, question development, survey design, survey distribution, data analysis and reporting, course evaluation, customer satisfaction surveys, demographics and workforce trending, member needs assessment, and other customizable surveys at the request of specialty societies.</p> <p><a href="mailto:oreluk@aaos.org">Contact Hazel Oreluk at oreluk@aaos.org</a></p>
<p><b>Publicize Specialty Society Contact Information for Leadership</b></p>	<p>Address and Contact information for Specialty Societies is found on the AAOS website in two places. Information is also available in the AAOS member packet and in <i>Specialty Speak</i> newsletter.</p> <p><a href="http://www.aaos.org/About/Board_of_Specialty_Societies/">http://www.aaos.org/About/Board_of_Specialty_Societies/</a></p>
<p><b>Systematic Literature Review Development and Consultation</b></p>	<p><b>AAOS Evidence-Based Clinical Practice Guidelines</b> are based on a systematic literature review of published studies. Multidisciplinary guideline development groups construct Evidence-Based Clinical Practice Guidelines to serve as an educational tool based on an assessment of the current published scientific and clinical information and accepted approaches to treatment. AAOS clinical practice guidelines meet all of the <a href="#">IOM standards for developing a trustworthy clinical practice guidelines</a>. The process involves many steps to limit the risk of bias, incorporating a large number of experts on the topic under study via clinician work groups and peer review and public commentary stages. For more information on the development process for AAOS clinical practice guidelines, please view the <a href="#">Clinical Practice Guideline Methodology</a>.</p> <ul style="list-style-type: none"> <li>• Any AAOS member may <a href="#">nominate a topic</a>.</li> <li>• The AAOS Committee on Evidence-Based Quality and Value will review all topic nominations on an annual basis. If your topic is selected you will be notified.</li> <li>• Specialty societies that wish to collaborate with AAOS in developing a systematic review and/or Clinical Practice Guideline, or that wish to use AAOS resources in preparing guidelines must use the AAOS methodology and processes for guideline development. To discuss systematic review consultation, please contact Jayson Murray, Manager of the AAOS Evidence-Based Medicine Unit at <a href="mailto:jmurray@aaos.org">jmurray@aaos.org</a>.</li> </ul> <p><a href="http://www.aaos.org/Quality/Clinical_Practice_Guidelines/Clinical_Practice_Guidelines/">http://www.aaos.org/Quality/Clinical_Practice_Guidelines/Clinical_Practice_Guidelines/</a></p>

# **Research and Quality Tools and Resources for Specialty Societies**

*Prepared by the American Academy of Orthopaedic Surgeons*

*Department of Research and Scientific Affairs*

[www.aaos.org/quality/](http://www.aaos.org/quality/)

# Research and Quality Tools and Resources for Specialty Societies

Prepared by the American Academy of Orthopaedic Surgeons

Department of Research and Scientific Affairs

[www.aaos.org/quality/](http://www.aaos.org/quality/)

<p><b>Appropriate Use Criteria Development and Consultation</b></p>	<p>Appropriate Use Criteria (AUC) specify when it is appropriate to use a procedure. An "appropriate" procedure is one for which the expected health benefits exceed the expected health risks by a wide margin. Often, sound data is not available or does not provide evidence that is detailed enough to apply to the full range of patients seen in everyday clinical practice. Nevertheless, physicians must make daily decisions about when to use or not use a particular procedure. AUCs facilitate these decisions by combining the best available scientific evidence with the collective judgment of physicians in order to determine the appropriateness of performing a procedure.</p> <ul style="list-style-type: none"> <li>• The AAOS Evidence-Based Medicine Unit is available as methodological consultants and/or for discussions regarding “lessons learned” with groups who want to begin projects.</li> <li>• BOS provides input to topic selection and nominates members to serve on the writing and voting panels for each AUC.</li> <li>• AAOS Evidence-Based Medicine Unit contact information: Jayson Murray, Manager of the AAOS Evidence-Based Medicine Unit at <a href="mailto:jmurray@aaos.org">jmurray@aaos.org</a></li> </ul> <p><a href="http://www.aaos.org/Quality/Appropriate_Use_Criteria_(AUC)/Appropriate_Use_Criteria/">http://www.aaos.org/Quality/Appropriate_Use_Criteria_(AUC)/Appropriate_Use_Criteria/</a></p>
<p><b>Appropriate Use Criteria Web-Based Mobile Application</b></p>	<p>The AAOS has developed a web-based application for dissemination of AUCs. Additionally, online tools were developed that assist with the voting and management of the AUC project.</p> <ul style="list-style-type: none"> <li>• Specialty societies may work with AAOS staff to clone and license the AUC applications for a modest fee to house their own AUCs. At present, two specialty societies have licensed this tool.</li> <li>• Societies interested in discussing licensure of the AUC app, should contact Jayson Murray, Manager of the AAOS Evidence-Based Medicine Unit at <a href="mailto:jmurray@aaos.org">jmurray@aaos.org</a> <u>before</u> starting their AUC.</li> </ul> <p><a href="http://www.orthoguidelines.org/auc">http://www.orthoguidelines.org/auc</a></p>
<p><b>Web-Based Literature Review Development Tool (PEER tool)</b></p>	<p>The AAOS has developed a web-based tool that allows developers of systematic reviews to review thousands of abstracts, pull full PDF versions of articles, evaluate the quality of articles, extract data, and export findings to spreadsheets for use in statistical packages.</p> <ul style="list-style-type: none"> <li>• Specialty societies may work with AAOS staff to clone and license the web-based literature review development tool for a modest fee to assist in constructing their own systematic literature reviews.</li> <li>• Societies interested in discussing licensure of this web-based tool, should contact Jayson Murray, Manager of the AAOS Evidence-Based Medicine Unit at <a href="mailto:jmurray@aaos.org">jmurray@aaos.org</a>, <u>before</u> starting their systematic review.</li> </ul>
<p><b>Burden of Musculoskeletal Disease (BMUS) – Update online information &amp; make content more searchable</b></p>	<p>The U.S. Bone and Joint Initiative (USBJI) aims to complete an update of the content of the online BMUS in January 2015. The AAOS Council on Research and Quality (CORQ) provided funding to add an online searchable database to the BMUS project. The redesign will allow individual users to customize their individual experience and access data and statistics.</p> <p><a href="http://www.boneandjointburden.org">http://www.boneandjointburden.org</a></p>

# Research and Quality Tools and Resources for Specialty Societies

Prepared by the American Academy of Orthopaedic Surgeons

Department of Research and Scientific Affairs

[www.aaos.org/quality/](http://www.aaos.org/quality/)

<p><b>Symposia and/or Speakers to Inform and Promote Available AAOS Tools and Resources</b></p>	<p>Council, Committee, and Work Group Leaders are looking for opportunities to promote, educate, and disseminate information about quality and research products and tools.</p> <ul style="list-style-type: none"><li>• <b>Society Meetings:</b> If specific societies have requests for speakers on a specific topic, we will work with you to find the appropriate speaker. Please contact the administrative coordinator for the Council on Research and Quality (CORQ) at <a href="mailto:corq@aaos.org">corq@aaos.org</a> and let her know what you are looking for and she can channel the request to the appropriate individuals.</li><li>• <b>NOLC:</b> The deadline to submit topics for consideration at the NOLC meetings held in April-May is in Dec-Jan.</li><li>• <b>Fall Meeting:</b> the deadline to submit topics for the Fall Meetings held in September-October is in May-June.</li><li>• <b>BOS Business Meeting:</b> request opportunity from BOS leadership.</li></ul>
---	--