

**The American Academy of
Orthotists and Prosthetists
(The Academy)**

**Outcome Research Committee Outcome
Measurement “How-To” Video Series Overview**

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Award Program

The American Academy of Orthotists & Prosthetists (the Academy) invites proposals for development of instructional videos and supplemental materials that demonstrate setup, administration, scoring, and interpretation of outcome measures suited to use in orthotic and prosthetic (O&P) clinics. Videos and supplemental materials will be hosted on the Academy Paul E. Leimkuehler Online Learning Center (OLC), and videos will be posted to the Academy YouTube channel. Applicants may propose to develop videos and associated materials for up to five outcome measures. Applicants may select an outcome measure from the list provided by the Academy Outcomes Research Committee (ORC) or recommend another measure that is relevant to O&P clinical care.

Each year the award provides up to \$1,700 per outcome measure (up to five measures). Applications are due to the Academy no later than February 28 and award notification takes place six to eight weeks from submission deadline.

Eligibility Criteria

Proposals will be accepted from:

- Accredited O&P practitioner programs
- Research universities
- O&P organizations
- Clinical practices
- Individuals

RFP Specifications Criteria

Proposals should include the following sections. Please note individual section page limits.

1. Cover letter (one page)
 - Project title as stated above, indicating RFP(s) to which the proposal responds.
 - All contact information for your project lead. This individual must have the authority to represent your organization in such matters.
2. Description of work to be performed (no more than five pages)
3. Budget and justification (one page)
 - The budget should identify personnel costs (and associated effort), material costs, other direct costs, and any indirect costs. Indirect costs (facilities and administrative costs) must not exceed 10 percent of the total budget.
4. Biosketches for key personnel
 - Provide a biosketch (no more than four pages per individual) for key personnel who will provide significant labor effort or direction to the proposed project. *NIH-format biosketches are acceptable.*

- Biographical information should include current title, organizational affiliation, and professional information pertinent to this task.
5. Description of video production capacity and related previous work
- Submission of previous materials (e.g., videos and/or critical appraisals of outcome measures) produced by the applicant(s) is recommended.

Award Specifics

Produce one or more videos that demonstrate setup and administration of outcome measures suited to O&P practice. For each measure, develop an instrument review that summarizes relevant information about the instrument (e.g., time of administration, required equipment, administration instructions, psychometric properties, and normative data). For each measure, develop four questions that can be used to assess learners' competency and understanding of the selected measure.

The goal of this project is to add five additional videos and accompanying instrument reviews to the Academy "How-To" outcomes measure module. Clinicians will be able to access this resource and obtain continuing education credits after passing the accompanying exam. This OLC module serves to supplement other resources available to Academy members and other healthcare providers on the Academy website. The videos also serve to demystify the term "outcome measurement" by providing clinicians with a practical guide on how to administer measures, properly interpret results, and implement a sustainable and realistic outcome measurement protocol for everyday clinical care. The accompanying written materials support the use of these measures by summarizing their psychometric properties and providing clinicians with the knowledge needed to effectively apply the measures in clinical practice.

Note: The Academy's choice to include or "spotlight" measures do not constitute an endorsement of the measures by the Academy, nor is it a denouncement of measures not included in the OLC module.

List of Potential Outcome Measures

Amputee Mobility Predictor (AMP)	Balance Error Scoring System (BESS)
Assessment of Capacity for Myoelectric Control (ACMC)	Unilateral Below-Elbow Test (UBET)
Assessment of Capacity for Myoelectric Control (ACMC)	Box and Blocks Test (BBT)
Functional Reach Test	Modified Emery Functional Ambulation Profile (mEFAP)
Activities Measure for Upper Limb Amputees (AM-ULA)	StepWatch Activity Monitor
The Assisting Hand Assessment (AHA)	Southampton Hand Assessment Procedure (SHAP)
Child Amputee Prosthetics Project - Functional Status Inventory (CAPP-FSI)	Assessment of Motor and Process Skills (AMPS)
	Star Excursion Balance Test (SEBT)

Jebsen-Taylor Test of Hand Function (JTHF)
Sollerman Hand Function Test
Prosthetic Upper Extremity Functional Index (PUFI)
Romberg and Sharpened Romberg Test
UNB Test of Prosthetic Function
Foam and Dome Test

Arm Motor Ability Test (AMAT)
Jebsen Standardized Test of Hand Function
Edinburgh Gait Scale (EGS)
Edinburgh Visual Gait Score (EVGS)
Figure of 8 Test
Component Timed Up and Go (C-TUG)

Completed Measures (not available for video production)

The following outcome measures already have available video instructions on the Academy OLC and are not eligible for application for this award.

- Single Limb Stance Test
- Timed Up and Go
- L Test
- 10-Meter Walk Test
- Four Square Step Test
- Dynamic Gait Index
- Berg Balance Scale
- Prosthetic Observational Gait Score
- Prosthetic Limb User Survey – Mobility
- Five Times Sit-to-Stand Test

Scope of Work

Task I—Develop written outline(s) and/or script(s) of scenes to be videotaped that demonstrate setup and administration of the outcome measure. This should include any written information that will be displayed on screen during the video. The Outcomes Research Committee (ORC) will review the proposed outline(s) and/or script(s) to ensure that the developers maintain an appropriate level of methodological rigor. All written materials should be submitted as Microsoft Word document (*.DOC or *.DOCX) files. All written materials must be approved by the ORC before video production (Task II) is initiated.

Task II—Produce one or more succinct videos that demonstrate setup and administration of the selected outcome measure(s). Videos should include applicable details of measure setup and administration (e.g., equipment, patient instructions, and demonstration). Applicants are encouraged to split longer videos into multiple parts, as appropriate (e.g., one video for setup, one for administration; short videos for each type of similar tasks). Videos that include patient models are strongly encouraged. Developers must obtain and provide evidence of consent for any individuals included in the developed materials. Use of high-definition video and high-quality audio content is

required. Developers must specify the audio/visual equipment they plan to use in their application.

Task III—Author a review of the measure to support its use in routine clinical practice. If available, reviews should include details regarding construct of measurement, time of administration, required equipment, administration instructions, psychometric properties (i.e., reliability, validity, sensitivity, and responsiveness), normative data, and cost. Examples of instrument reviews are available on the OLC and at rehabmeasures.org. Developers are encouraged to submit instrument reviews to rehabmeasures.org, as appropriate.

Task IV—For each measure, create four multiple choice quiz questions to assess learners' competency and knowledge. Questions should be based on information presented in the video and supplemental materials. Questions will be combined to create a quiz for the OLC module.

Review Process

The Outcomes Research Review Committee will review proposals and select the vendor based on the following criteria:

- **Approach:** Does the application contain the necessary components (cover letter, description of work, budget, and justification, etc.)? Is the proposal response in compliance with the proposed budget? Does the proposal response appropriately define the intended measures? Does the proposal response appropriately demonstrate knowledge of instructions for administration of the measure? Is the proposed statement of work appropriate to achieve the intended deliverables? Does the planned video depict the measure procedure in an interesting and engaging format that assures that the clinician will be confident administering the measure in the clinic?
- **Key Personnel:** Do the applicants demonstrate capability and expertise in producing professional, high-quality video and/or critically appraising outcome measures?

Function of the Review Panel

The review panel, made up of ORC members, will use a scoring rubric to rate each application. Multiple reviewers will rate each application, and the scores will be averaged. The highest scoring applicants will be selected to perform the project.

Conflict of Interest Procedures

Applicants are required to disclose any conflicts of interest, if they exist. Members of the review panel will be free of any potential or perceived conflicts of interest involved with the rating of applications.

Notification of Applicants

The highest scoring applicants will be notified of the award on March 15, 2018.

Submission

Email applications should be sent to ORC@oandp.org. The subject of your email should read “*Outcome Measure “How-To” Video Project Submissions.*”

Program Funding Cycle

The following are key dates and deadlines for the Outcome Measure “How-To” Video Series. Applicants are responsible for ensuring all materials are received by the Academy by 5:00 PM Eastern Time on the due date.

Outcome Measure “How-To” Video Series

- Submission due February 28

Award notifications are anticipated to be distributed six to eight weeks from submission deadline.

- Outline Content Due..... May 15
- Video Content Due.....August 30

Contact Information

All requests for additional information may be directed to:

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