

ACCESSING AND USING PROMIS INSTRUMENTS

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ACCESS VERSUS DATA COLLECTION

ACCESS

- PDFs of short forms and item banks
 - www.assessmentcenter.net

DATA COLLECTION

- Assessment Center
- REDCap
- Epic
- Assessment Center API
- BrightOutcome
- Assessment Center iPad App (in progress)
- Others

The screenshot shows the Assessment Center website homepage. At the top, there is a navigation bar with the logo "Assessment Center" and a login section with fields for "Login" and "Password", and buttons for "Continue", "Register New User", and "Forgot Password". Below the navigation bar, the page is divided into three main columns. The left column is titled "Resources" and contains a list of links: "Instrument Library", "Scoring Manuals", "Workshops", "Publications", "Presentations", "User Manuals", "Glossary", "Terms and Conditions", "FAQ", "Release History", "About Us", and "Video Tutorials". The middle column is titled "WHAT IS ASSESSMENT CENTER" and contains a description of the tool, a list of features, and a section for "ANNOUNCEMENTS" which includes a link to "Slides along with questions/answers from our recent webcast on Person-Centered Outcomes now available under Presentations." The right column is titled "Demonstration CAT" and contains a description of the tool, a "Request PDFs of PROMIS Short Forms" button (highlighted with a red box), a "Sponsors" section with links to "PROMIS", "Neuro-QOL", and "NIH Toolbox", and a "Studies of Interest" section with a link to "PROsetta Stone". At the bottom of the page, there is a footer with contact information and copyright details.

Assessment Center SM

Login Password Continue Register New User Forgot Password

Resources

- [Instrument Library](#)
- [Scoring Manuals](#)
- [Workshops](#)
- [Publications](#)
- [Presentations](#)
- [User Manuals](#)
- [Glossary](#)
- [Terms and Conditions](#)
- [FAQ](#)
- [Release History](#)
- [About Us](#)
- [Video Tutorials](#)

Contact Us: [Email](#)
Help Line: 877-283-0596

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[Richard Gershon, Ph.D.](#)

WHAT IS ASSESSMENT CENTER SM

Assessment Center SM is a free, online data collection tool that enables researchers to create study-specific websites for capturing participant data securely online.

Studies can include measures within the Assessment Center library as well as custom instruments entered by the researcher. The instrument library includes self- and proxy-report short forms, computerized adaptive tests (CATs), and batteries or profiles from:

- Patient-Reported Outcomes Measurement Information System (PROMIS)
- Quality of Life in Neurological Diseases (Neuro-QOL)
- NIH Toolbox

Among other important features, Assessment Center also enables:

- Downloading library instruments for administration on paper
- Customization of items or instruments (e.g., format, randomization, skip patterns)
- Real-time scoring of CATs and short forms
- Storage of protected health information (PHI) in a separate, secure database
- Automated accrual reports
- Real-time data export
- Ability to capture endorsement of online consent forms

ANNOUNCEMENTS

- [Slides along with questions/answers from our recent webcast on Person-Centered Outcomes now available under Presentations.](#)

Demonstration CAT
Try out a PROMIS Computerized Adaptive Test and get an instant score report. CATs include Emotional, Physical, and Social Health. [Click here to begin.](#)

Request PDFs of PROMIS Short Forms

Sponsors

- [PROMIS](#)
- [Neuro-QOL](#)
- [NIH Toolbox](#)

Studies of Interest

- [PROsetta Stone](#)

Assessment Center reserves the right to have regular scheduled maintenance windows. Weekly maintenance may be performed on Sunday mornings from 7am to 9am CST. During this time, Assessment Center may be unavailable. We apologize for any inconvenience this may have. If you have any questions, please [contact us](#).

SHORT FORM PDFS

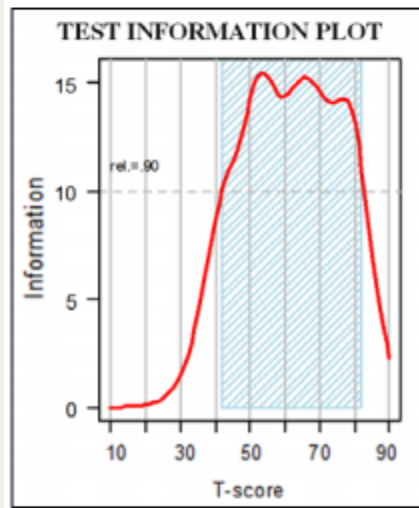
- Requires manual scoring
- Scoring Manuals
 - <http://assessmentcenter.net/Manuals.aspx>



Parent Proxy Anger 5-item Short Form Conversion Table		
Summed Raw Score	Standard T-Score	SE
0	29	5
1	34	4
2	38	4
3	41	4
4	44	4
5	47	4
6	50	4
7	53	4
8	55	4
9	58	4
10	61	4
11	63	4
12	66	4
13	68	4
14	70	4
15	73	4
16	75	4
17	77	4
18	80	4
19	82	4
20	85	4

*SE=Standard Error on T-score metric

Parent Proxy Version



WHY ONLINE DATA COLLECTION?

- Geographically dispersed samples
- No data entry staff
- Time/date verification
- Accessibility –
 - Increase font size
 - Screen readers
 - Audio
- On-demand preferred language
- Data back-up
- Easier item/instrument randomization
- CAT administration and IRT scoring

ASSESSMENT CENTER

Assessment CenterSM

- **Web-based data collection tool**
 - Not an IRT analysis tool
- **Enables creation of study-specific URLs**
 - Participant interface for data collection
 - Administration of PROMIS, NeuroQOL, NIH Toolbox short forms and CATs
 - Researcher-completed instruments
- **User can create custom short forms**
- **Single time-point or multiple timepoint studies**

MORE FEATURES

Assessment CenterSM

- Research study features (multiple study arms, randomization of items/instruments, accrual tracking)
- Real-time data export
 - Separation of PRO data, registration data (PHI), and consent data (more PHI)
- Data collection in multiple languages
- Automated data dictionary

MORE INFORMATION

Assessment CenterSM

Assessment Center: www.assessmentcenter.net

- User Manual
- Video tutorials
- Online Help
- Help Desk (help@assessmentcenter.net)

RESEARCH ELECTRONIC DATA CAPTURE (REDCAP)



- Web-based data collection for research
- Researcher-provided information
- Survey component for participant self-report
- Audit trails on data manipulation/user activity
- Automated exports
- Project calendar (e.g., blood draw)
- Scheduling module
- Ad hoc reporting tools (e.g., frequency distributions)
- Branching logic
- English, Chinese
- 1,052 active partners and 148,000 users

RESEARCH ELECTRONIC DATA CAPTURE (REDCAP)



- What is available?
 - PROMIS SFs
 - Fall 2014 Expanded library of PROMIS short forms plus CAT
- No cost for REDCap Consortium Partners (CTSA, GCRC, RCMI-funded institutions)
- Contact information:
 - <http://project-redcap.org>

EPIC

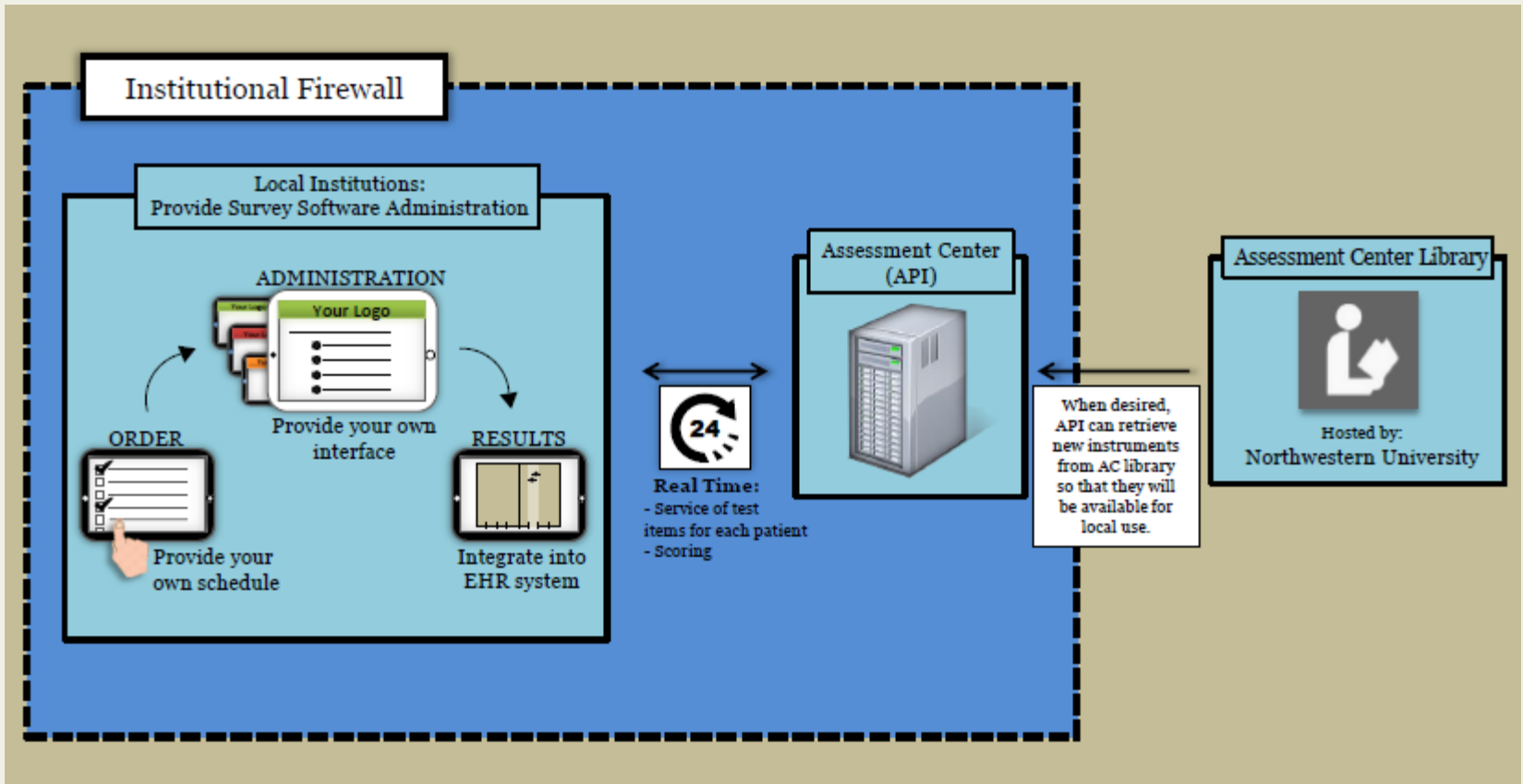


- Electronic health record system
- Patient access via MyChart (patient portal)
- What is available?
 - Epic 2012 Selected PROMIS short forms using raw score scoring
 - Fall 2014 Expanded set of PROMIS short forms with IRT scoring
 - Epic 2015 or Epic 2016: PROMIS CATs
- Scored in real-time
- Requirements
 - Specific version of Epic
 - Installation at local site
 - Establish assessment content and triggers
- info@epic.com

ASSESSMENT CENTER API

- API = application programming interface
- Exposes Assessment Center instrument library for external system consumption
- Best choice for integrating CATs in existing data collection system
- Requires local IT person

ASSESSMENT CENTER API



ASSESSMENT CENTER API

- **Costs**
 - Flat fee per server installation
- **Current users**
 - REDCap (<http://project-redcap.org>)
 - Sasken (www.sasken.com)
 - Madigan Army Medical Center (www.mamc.amedd.army.mil)
- **Contact information**
 - help@assessmentcenter.net

BRIGHT OUTCOME



- Collaborative Symptom Management System
- Focused on chronic conditions
- Web, phone, hand-held device
- Single/multiple timepoints
- PROMIS short forms and CATs
- Patient completes symptom tracker
 - Create history of symptoms/side-effects
 - Can link with reliable educational information
 - Can alert when to call care provider for concerning problem
- Treatment Tracker
 - Can combine PRO data with clinical treatment records

BRIGHT OUTCOME



- Contact Bright Outcomes for more information
- Contact Information
 - dershung.yang@brightoutcome.com
 - www.brightoutcome.com

ASSESSMENT CENTER IPAD APP

- Offline administration
- Scoring, reporting, data aggregation, data export
- No study management
- Available 2015
- Cost
 - Download fee
 - Annual upgrade cost
- Contact information
 - help@assessmentcenter.net

THANK YOU!