ACCESSING AND USING PROMIS INSTRUMENTS

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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
SHORT FORM PDFS

- Requires manual scoring
- Scoring Manuals
  - [http://assessmentcenter.net/Manuals.aspx](http://assessmentcenter.net/Manuals.aspx)

![Table showing conversion table and test information plot](image-url)
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
- 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

- 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
Assessment Center:  [www.assessmentcenter.net](http://www.assessmentcenter.net)

- User Manual
- Video tutorials
- Online Help
- Help Desk ([help@assessmentcenter.net](mailto: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
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
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](http://project-redcap.org))
  - Sasken ([www.sasken.com](http://www.sasken.com))
  - Madigan Army Medical Center ([www.mamc.amedd.army.mil](http://www.mamc.amedd.army.mil))

- **Contact information**
  - help@assessmentcenter.net
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
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!