PROMIS® in Action:
Clinical and Research Implementations and Implications

PROGRAM & ABSTRACTS

October 17, 2017

Hilton Philadelphia at Penn's Landing

PHO | **PROMIS HEALTH ORGANIZATION**

Welcome

Welcome to the 3rd Annual PROMIS Health Organization (PHO) conference! We gather to share PROMIS research with the ultimate goal to improve the quality of patient care. This program highlights the clinical utility of PROMIS in many areas of Medicine and Surgery within the US and throughout the world. As the PHO Program Chair, I was overwhelmed by the number of abstracts submitted and pleased by the innovations clinicians and researchers demonstrated using the PROMIS. This will be a creative, high energy, clinically centered meeting moving PROMIS to the forefront of outcomes. Thank you for attending and participating.

Judith Baumhauer, MD, MPH
Professor and Associate Chair of Orthopaedic Surgery,
University of Rochester Medical Center

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PROMIS International Contacts

The PROMIS International Committee is a collaboration of scientists and clinicians designed to optimize and harmonize global use of PROMIS measures and related resources for research, clinical care, and population monitoring. The committee helps to identify, coordinate, and promote best practices to develop, translate, validate, and utilize PROMIS measures across countries. Information about the PROMIS International Committee, including national contact points, is available on the PROMIS website: promishealth.com/pho-international.

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About PHO

Join the PHO today!

Visit **www.promishealth.com** and become an active member of the PHO. We need your help to advance the use of PROMIS around the world**.**

Yearly Membership:
$100 per year fee for individuals

Benefits:
- Discounted registration fees to conferences

- No charge for monthly PHO member office hour & webinars

- Positive effects of associating with people who share your interests and goals

PHO PROMIS HEALTH ORGANIZATION

PHO's Mission

The PROMIS® Health Organization (PHO) is a 501(c)(3) charitable foundation which was founded in 2008 by a group of scientists who were funded by the United States National Institutes of Health (NIH) to develop and validate the PROMIS item banks. The PHO is a *volunteer* open society that welcomes members from around the world to bring the "patient's voice" to the forefront of research and healthcare.

Our mission is to improve health outcomes by developing, maintaining, improving, and encouraging the application of the Patient Reported Outcomes Measurement Information System (PROMIS®).

PHO's Main Goals

The four main goals of the PHO, which complement both the PHO's mission and values, are to:

- Advance the science of health outcomes assessment;

- Disseminate standardized and validated health outcome metrics;

- Foster the development of new patient-reported health outcomes for diverse populations;

- Educate the scientific and clinical communities on the science of patient-reported outcomes.

Learn More

For more information about PROMIS and to access to the measures visit **healthmeasures.net** and navigate to explore measurement systems: PROMIS, Neuro-QOL, ASCQ-Me℠ and NIH Toolbox.

Assessment Center℠ is an online data collection tool that enables researchers to create study-specific websites for capturing participant data securely online. Visit **assessmentcenter.net** to learn more.

Tuesday, October 17

Time	Location	Event
7:00	*Columbus AB*	**Breakfast**
7:30	*Columbus C*	**Poster Session**
8:00–8:05	*Columbus AB*	**Official Welcome & Meeting Orientation** Kevin Weinfurt, PhD *PHO President* Judy Baumhauer, MD, MPH *Program Chair*

Plenary 1

8:05–8:15		**PHO President's Address** Kevin Weinfurt, PhD *Duke University*
8:15–8:30		**Break**
8:30–10:00	*Columbus A* *Columbus B*	**Concurrent Session I:** **Clinical:** PROMIS for Care Assessment **Research:** Developing & Validating PROMIS Instruments
10:00–10:15		**Break**
10:15–12:00	*Columbus A* *Columbus B*	**Concurrent Session II:** **Clinical:** Implementing PROMIS In Clinical Practices **Research:** Unique PROMIS Applications

Plenary 2 — Lunch

12:15–1:15	*Columbus AB*	**The Role of PROs in clinical research and insights into future opportunities and challenges** Peter Merkel, MD, MPH, *Department of Medicine, University of Pennsylvania*
1:15–1:30		**Break**
1:30–3:00	*Columbus A* *Columbus B*	**Concurrent Session III:** **Clinical:** Interpreting PROMIS Scores **Research:** Advanced Validation Methods
3:00–3:45	*Columbus C*	**Break & Poster Session**

Plenary 3

3:45–4:15	*Columbus AB*	**The Future of PROMIS** David Cella, PhD and Richard Gershon, PhD *Northwestern University*
4:15–4:45		**Open Members Meeting** Announcement of presentation and poster award winners
4:45–5:00		**Wrap Up & Adjourn**

Concurrent Session I

Clinical

8:30-10:00 am
Columbus A

PROMIS For Care Assessment
Moderators: Charles Saltzman, MD, *University of Utah* **and**
Wojciech Glinkowski, MD, PhD, *Medical University of Warsaw Poland*

Abstract Number & Title	Presenting Author
(78) Patient Reported Outcomes Assessment helps improve Quality of Life in patients with Cirrhosis	*Manisha Verma, MD, MPH*
(24) Trends in PROMIS Scores in the Early Post-Operative Period Following Lateral Ankle Ligament Reconstructive Techniques	*A. Samuel Flemister, MD*
(28) PROMIS-29 in Elderly Hip Fracture Patients	*Omar Halawa*
(73) Does baseline dominant hand grip strength correlate with changes in PROMIS-29 scores 3 months after surgical repair of low-trauma hip fracture?	*Ridhi Sachdev*
(90) Using PROMIS to Guide Patient-Centered Conversations and Care in Inflammatory Arthritis: The Patient Perspective	*Susan Bartlett, PhD*
(92) Using PROMIS to Guide Patient-Centered Conversations and Care in Inflammatory Arthritis: The Clinician Perspective	*Susan Bartlett, PhD*
(50) Validation of the PROMIS-29 in Elective Hip and Knee Arthroplasty Patients	*Abigail M. Schmucker, BA*
(71) Validation of the Patient Reported Outcomes Measurement Information System (PROMIS) Instruments in Patients with Rotator Cuff Disease	*Brendan M. Patterson, MD*
(1) Clinical Utilization of Patient Reported Outcome (PROMIS) Scores for Surgical Reconstruction of Posterior Tibialis Tendon Dysfunction	*Michael Anderson, MD*

Concurrent Session I

Research

8:30-10:00 am
Columbus B

Developing & Validating PROMIS Instruments
Moderators: Karon Cook, PhD, *Northwestern University* **and**
James Witter, MD, PhD FACR, *National Institute of Arthritis and Musculoskeletal and Skin*

Abstract Number & Title	Presenting Author
(14) Validity of the PROMIS Pain Behavior and Pain Interference item banks across diverse clinical samples and a general population	*Caroline Terwee, PhD*
(49) Cross-Linking Legacy Questionnaires with PROMIS Measures in Parkinson Disease Patients	*Danielle S. Abraham, MPH*
(65) Development of the PROMIS Pediatric Physical Activity Instruments	*Carole A Tucker, PhD*
(66) Development of the PROMIS Pediatric Strength Impact Instruments	*Carole A Tucker, PhD*
(68) PROMIS Pediatric Measures of Family Relationships: Development and Psychometric Evaluation	*Katherine Bevans, PhD*
(69) PROMIS Pediatric Measures of Stress Experiences: Development and Psychometric Evaluation	*Katherine Bevans, PhD*

Concurrent Session II

Clinical

10:15–12:00
Columbus A

Implementing PROMIS In Clinical Practices
Moderators: Lisa Shulman, MD, *University of Maryland* **and** Jordi Alonso, MD, PhD, MPH
Hospital del Mar Medical Research Institut (IMIM), Barcelona, Spain

Abstract Number & Title	Presenting Author
(6) Barriers to Provider Adoption of Patient Reported Outcomes for Clinical Use by Orthopaedic Surgeons	*Kathleen Fear, PhD*
(22) The Physical Function and Upper Extremity Patient-Reported Outcomes Measurement Information Systems in Glenohumeral Osteoarthritis	*Eitan M. Kohan, MD*
(41) Utilization of PROMIS in Board Certification: American Board of Orthopaedic Surgery (ABOS) Patient Reported Outcomes Program	*David F. Martin, MD*
(86) Impact of Patient Demographics on Time to Completion for Electronically Administered PROMIS and VAS Forms in Ambulatory Orthopaedic Clinics	*Toufic R. Jildeh, MD*
(16) Validity and Clinical Utility of the PROMIS Family Relationships Measure in Children with Chronic Conditions	*Harald Kliems, MA*
(30) Performance of PROMIS Short Forms and PROFILE-29 in Golimumab- or Infliximab-Treated Rheumatoid Arthritis Patients	*Clifton Bingham III, MD*
(61) Construct Validation of PROMIS Short Form and Profile-29 T-Scores with SF-36 in Rheumatoid Arthritis Patients	*Clifton Bingham III, MD*
(76) Feasibility and Implementation of PROMIS CAT as Part of Standard of Care in an Orthopaedic Spine Population	*Raj Karia, MPH*
(79) Implementing PROMIS as standard of care in a high surgical volume, nationally leading orthopedic hospital	*Matthew Titmuss, PT, DPT*

Concurrent Session II

Research

10:15–12:00
Columbus B

Unique PROMIS Applications
Moderators: Richard Gershon, PhD, *Northwestern University* **and**
Christopher Forrest, MD, PhD, *Children's Hospital of Philadelphia*

Abstract Number & Title	Presenting Author
(15) Reference values and measurement invariance of the Profile 29 in the UK, France and Germany	*Felix Fischer*
(23) Different Perceptions of Hip and Knee Arthritis Burden: A Study of Patients and Their Significant-Others	*Samuel Kunkel, MD, MS*
(67) Differential item functioning of Spanish PROMIS emotional distress domains between two Spanish speaking populations	*Gemma Vilagut, PhD*
(19) Consensus of the Utility of a "Snapshot" Tool to Interpret PROMIS Physical Function T-Scores	*Jeff Houck, PT, PhD*
(82) Validation and Reliability of PROMIS in American Sign Language	*Poorrna Kushalnagar, PhD*
(51) Using PROMIS-29 to Identify Frailty and Predict Adverse Events in Total Joint Arthroplasty (TJA) Patients	*Abigail M. Schmucker, BA*

Concurrent Session III

Clinical

1:30–3:00
Columbus A

Interpreting PROMIS Scores
Moderators: Clifton Bingham III, MD, *Johns Hopkins University* **and**
Rachel Hess, MD, MS, *University of Utah*

Abstract Number & Title	Presenting Author
(4) Show Me the Money: How Can Patient Reported Outcomes (PRO) Result in Health Cost Savings?	*Judy Baumhauer, MD, MPH*
(5) Bookmarking PROMIS Physical Function t-scores to Improve Clinical Interpretation and Application	*Jeff Houck, PT, PhD*
(25) The Value of PROMIS Physical Function for Predicting Physical Performance in Patients with Various Conditions	*Gregor Liegl, Mag*
(52) PROMIS in Hematopoietic cell transplantation (HCT)	*Bronwen E Shaw, MD, PhD*
(62) The Relationship of PROMIS-10 Physical Function Change and Satisfaction Following Total Knee Arthroplasty	*Michael T. Torchia, MD*
72) Can PROMIS-29 Help Predict Mortality in Elderly Hip Fracture Patients?	*Ridhi Sachdev*
(48) The Validity of PROMIS Instruments Among Individuals with Adult Spinal Deformity	*Andrew J Pugely, MD*
(7) Generalizability and Validation of PROMIS Scores to Predict Surgical Success in Foot and Ankle Patients: A Tale of Two Academic Centers	*Judy Baumhauer, MD, MPH*

Concurrent Session III

Research

1:30–3:00
Columbus B

Advanced Validation Methods
Moderators: David Cella, PhD, *Northwestern University* **and** Caroline Terwee, PhD,
VU University Medical Center, Amsterdam

Abstract Number & Title	Presenting Author
(9) PROMIS Captures Variability in Physical Function Across Hand Conditions	*Jason Guattery, MS*
(10) PROMIS Predicts Increased Resource Utilization After Carpal Tunnel Release	*Jason Guattery, MS*
(35) Accuracy of the PROMIS-57 depression and anxiety scales in kidney transplant recipients	*Aarushi Bansal, HBSc*
(43) PROMIS-29 Profile in the Longitudinal Research on Aging Drivers (LongROAD)	*Thelma J Mielenz, PT, PhD*
(75) Relationship Between Sexual Functioning and Fatigue and Pain in Women with Multiple Sclerosis	*Dagmar Amtmann, PhD*
(39) PROMIS depression measures versus legacy PROMs and structured diagnostic interview for depression in cancer patients	*Madeleine T. King, PhD*

Oral Presentations *Alphabetical by presenter*

Presenter		Abstract No. & Title	Session	Rm
Danielle Abraham	49	Cross-Linking Legacy Questionnaires with PROMIS Measures in Parkinson Disease Patients	**I. Research:** Developing and Validating PROMIS Instruments	Col B
Dagmar Amtmann	75	Relationship Between Sexual Functioning and Fatigue and Pain in Women with Multiple Sclerosis	**III. Research:** Advanced Validation Methods	Col B
Michael Anderson	1	Clinical Utilization of Patient Reported Outcome (PROMIS) Scores for Surgical Reconstruction of Posterior Tibialis Tendon Dysfunction	**I. Clinical:** PROMIS for Care Assessment	Col A
Aarushi Bansal	35	Accuracy of the PROMIS-57 depression and anxiety scales in kidney transplant recipients	**III. Research:** Advanced Validation Methods	Col B
Susan Bartlett	90	Using PROMIS to Guide Patient-Centered Conversations and Care in Inflammatory Arthritis: The Patient Perspective	**I. Clinical:** PROMIS for Care Assessment	Col A
Susan Bartlett	92	Using PROMIS to Guide Patient-Centered Conversations and Care in Inflammatory Arthritis: The Clinician Perspective	**I. Clinical:** PROMIS for Care Assessment	Col A
Judith Baumhauer	4	Show Me the Money: How Can Patient Reported Outcomes (PRO) Result in Health Cost Savings?	**III. Clinical:** Interpreting PROMIS Scores	Col A
Judith Baumhauer	7	Generalizability and Validation of PROMIS Scores to Predict Surgical Success in Foot and Ankle Patients: A Tale of Two Academic Centers	**III. Clinical:** Interpreting PROMIS Scores	Col A
Katherine Bevans	68	PROMIS Pediatric Measures of Family Relationships: Development and Psychometric Evaluation	**I. Research:** Developing and Validating PROMIS Instruments	Col B
Katherine Bevans	69	PROMIS Pediatric Measures of Stress Experiences: Development and Psychometric Evaluation	**I. Research:** Developing and Validating PROMIS Instruments	Col B
Clifton Bingham	30	Performance of PROMIS Short Forms and PROFILE-29 in Golimumab- or Infliximab-Treated Rheumatoid Arthritis Patients	**II. Clinical:** Implementing PROMIS in Clinical Practices	Col A
Clifton Bingham	61	Construct Validation of PROMIS Short Form and Profile-29 T-Scores with SF-36 in Rheumatoid Arthritis Patients	**II. Clinical:** Implementing PROMIS in Clinical Practices	Col A
Kathleen Fear	6	Barriers to Provider Adoption of Patient Reported Outcomes for Clinical Use by Orthopaedic Surgeons	**II. Clinical:** Implementing PROMIS in Clinical Practices	Col A
Felix Fischer	15	Reference values and measurement invariance of the Profile 29 in the UK, France and Germany	**II. Research:** Unique PROMIS Applications	Col B

Oral Presentations

Presenter		Abstract No. & Title	Session	Rm
A. Samuel Flemister	24	Trends in PROMIS Scores in the Early Post-Operative Period Following Lateral Ankle Ligament Reconstructive Techniques	**I. Clinical:** PROMIS for Care Assessment	Col A
Jason Guattery	9	PROMIS Captures Variability in Physical Function Across Hand Conditions	**III. Research:** Advanced Validation Methods	Col B
Jason Guattery	10	PROMIS Predicts Increased Resource Utilization After Carpal Tunnel Release	**III. Research:** Advanced Validation Methods	Col B
Omar Halawa	28	PROMIS-29 in Elderly Hip Fracture Patients	**I. Clinical:** PROMIS for Care Assessment	Col A
Jeff Houck	5	Bookmarking PROMIS Physical Function t-scores to Improve Clinical Interpretation and Application	**III. Clinical:** Interpreting PROMIS Scores	Col A
Jeff Houck	19	Consensus of the Utility of a "Snapshot" Tool to Interpret PROMIS Physical Function T-Scores	**II. Research:** Unique PROMIS Applications	Col B
Toufic Jildeh	86	Impact of Patient Demographics on Time to Completion for Electronically Administered PROMIS and VAS Forms in Ambulatory Orthopaedic Clinics	**II. Clinical:** Implementing PROMIS in Clinical Practice	Col A
Raj Karia	76	Feasibility and Implementation of PROMIS CAT as Part of Standard of Care in an Orthopaedic Spine Population	**II. Clinical:** Implementing PROMIS in Clinical Practice	Col A
Madeline King	39	PROMIS depression measures versus legacy PROMs and structured diagnostic interview for depression in cancer patients	**III. Research:** Advanced Validation Methods	Col B
Harald Kliems	16	Validity and Clinical Utility of the PROMIS Family Relationships Measure in Children with Chronic Conditions	**II. Clinical:** Implementing PROMIS in Clinical Practice	Col A
Eitan Kohan	22	The Physical Function and Upper Extremity Patient-Reported Outcomes Measurement Information Systems in Glenohumeral Osteoarthritis	**II. Clinical:** Implementing PROMIS in Clinical Practice	Col A
Samuel Kunkel	23	Different Perceptions of Hip and Knee Arthritis Burden: A Study of Patients and Their Significant-Others	**II. Research:** Unique PROMIS Applications	Col B
Poorna Kushalnagar	82	Validation and Reliability of PROMIS in American Sign Language	**II. Research:** Unique PROMIS Applications	Col B
Gregor Liegl	25	The Value of PROMIS Physical Function for Predicting Physical Performance in Patients with Various Conditions	**III. Clinical:** Interpreting PROMIS Scores	Col A
David Martin	41	Utilization of PROMIS in Board Certification: American Board of Orthopaedic Surgery (ABOS) Patient Reported Outcomes Program	**II. Clinical:** Implementing PROMIS in Clinical Practice	Col A

Oral Presentations

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Thelma Mielenz	43	PROMIS-29 Profile in the Longitudinal Research on Aging Drivers (LongROAD)	III. Research: Advanced Validation Methods	Col B
Brendan Patterson	71	Validation of the Patient Reported Outcomes Measurement Information System (PROMIS) Instruments in Patients with Rotator Cuff Disease	I. Clinical: PROMIS for Care Assessment	Col A
Andrew Pugely	48	The Validity of PROMIS Instruments Among Individuals with Adult Spinal Deformity	III. Clinical: Interpreting PROMIS Scores	Col A
Ridhi Sachdev	73	Does baseline dominant hand grip strength correlate with changes in PROMIS-29 scores 3 months after surgical repair of low-trauma hip fracture?	I. Clinical: PROMIS for Care Assessment	Col A
Ridhi Sachdev	72	Can PROMIS-29 Help Predict Mortality in Elderly Hip Fracture Patients?	III. Clinical: Interpreting PROMIS Scores	Col A
Abigail Schmucker	50	Validation of the PROMIS-29 in Elective Hip and Knee Arthroplasty Patients	I. Clinical: PROMIS for Care Assessment	Col A
Abigail Schmucker	51	Using PROMIS-29 to Identify Frailty and Predict Adverse Events in Total Joint Arthroplasty (TJA) Patients	II. Research: Unique PROMIS Applications	Col B
Bronwen E Shaw	52	PROMIS in Hematopoietic cell transplantation (HCT)	III. Clinical: Interpreting PROMIS Scores	Col A
Caroline Terwee	14	Validity of the PROMIS Pain Behavior and Pain Interference item banks across diverse clinical samples and a general population	I. Research: Developing and Validating PROMIS Instruments	Col B
Matthew Titmuss	79	Implementing PROMIS as standard of care in a high surgical volume, nationally leading orthopedic hospital	II Clinical: Implementing PROMIS in Clinical Practice	Col A
Michael T. Torchia	62	The Relationship of PROMIS-10 Physical Function Change and Satisfaction Following Total Knee Arthroplasty	III. Clinical: Interpreting PROMIS Scores	Col A
Carole A Tucker	65	Development of the PROMIS Pediatric Physical Activity Instruments	I. Research: Developing and Validating PROMIS Instruments	Col B
Carole A Tucker	66	Development of the PROMIS Pediatric Strength Impact Instruments	I. Research: Developing and Validating PROMIS Instruments	Col B
Manisha Verma	78	Patient Reported Outcomes Assessment helps improve Quality of Life in patients with Cirrhosis	I. Clinical: PROMIS for Care Assessment	Col A
Gemma Vilagut	67	Differential item functioning of Spanish PROMIS emotional distress domains between two Spanish speaking populations	II. Research: Unique PROMIS Applications	Col B

Poster Presentations *Alphabetical by presenter*

Presenter	Abstract No. & Title	
Michael Anderson	2	The ability of PROMIS Scales to Predict Patient Acceptable Symptom State at an average of 14 Month Follow Up after Foot and Ankle Surgery
Susan Bartlett	91	Pain, Physical Function, and Worry Lead to Greater Fatigue in Rheumatoid Arthritis
Judith F. Baumhauer	29	The Road to Recovery for Bunion Surgery: Data Analytic Plots to Target Patient Progress
Judith Baumhauer	31	Reading the future: Predicting who will benefit from Bunion surgery
Brandon D. Becker	37	An Overview of The Pediatric Patient Reported Outcomes in Chronic Diseases (PEPR) Consortium
Joshua Bindon	76	Efficacy of a Dedicated Research Assistant for Collection of Patient Report Outcomes Data
Nathan Bleigh	47	PROMIS: A Case-Study in Diffusion of Innovation
John Eric Chaplin	11	In Sweden we PROMIS
John Eric Chaplin	12	A Swedish protocol for PROMIS validation and feasibility
Amy M. Cizik	40	Measuring Patient-Reported Outcomes (PROs) in a High Volume Trauma Clinic in Pelvis and Acetabular Fracture Patients Using PROMIS CAT: A Preliminary Study
C. Eduardo Corrales	53	Does PROMIS Reflect Hearing Status Enough to Supplant a Hearing-Specific Quality of Life Instrument?
Chris Dasilva	58	PROMIS scores following total knee arthroplasty demonstrate no further improvement between 6 months post-operatively to greater than 1 year post-operative
Chris Dasilva	55	Early PROMIS scores 6 weeks following total knee arthroplasty (TKA) can identify patients who are unlikely to demonstrate improvement at greater than one year follow-up
Madeline Epsten	21	Relevance and Utility of PROMIS Instruments in Systemic Lupus Erythematosus (SLE): A Qualitative Study
Wojciech Glinkowski	94	Physical function and pain interference of Patients with severe bilateral Hip Osteoarthritis are comparable prior the first primary Total Hip Replacement surgery and before contralateral THR
Barbara Hackley	18	Development of Patient-Reported Outcome Instrument for Social Determinants of Health
Jeff Houck	57	Psychometric Evaluation of the PROMIS Physical Function CAT, PROMIS Pain Interference CAT, PROMIS Depression CAT, and ASES for a Variety Shoulder Diagnoses
Man Hung	20	The PROMIS Physical Function: A review of development, usage and collaboration 2006-2017
Ali Hussam	46	PROMIS: An Organizing Principle for a Registry?

Poster Presentations

Presenter		Abstract No. & Title
David Jevsevar	3	Evaluating the Impact of Orthopaedic Resident Participation and Postgraduate Year on Patient-Reported Outcomes Using PROMIS-10
Toufic R. Jildeh	85	Correlating PROMIS Pain Interference and VAS Pain: which demographic factors influence VAS scores for ambulatory orthopedic patients?
Toufic R. Jildeh	88	PROMIS and Legacy Patient-Reported Outcome Measures in the Field of Orthopaedics: A Systematic Review
Toufic R. Jildeh	83	Creating a PROMIS clinical registry using REDCap
Paul Kamudoni	38	A comparative analysis of measurement properties of fatigue measures in systematic lupus erythematosus (SLE) using an item-response-theory (IRT)-based common metric.
Raj Karia	74	Correlation of Patient Reported Outcome Data with Discharge Disposition after Total Hip Replacement
Eric Lee	17	PROMIS Global Health Scale in Patients Undergoing Total Joint Arthroplasty
Lisa Mandl	83	Responsiveness of PROMIS Computerized Adaptive Tests (CATs) in Systemic Lupus Erythematosus (SLE)
Fardina Malik	26	PROMIS-29 in Crohn's Associated Peripheral Spondyloarthritis
Mitchell Maltenfort	27	Detecting Change in PROMIS Scores: Reliable Change Index (RCI) versus Minimal Important Difference (MID) in an Acute Pediatric Asthma Cohort
Allison W. McIntyre	80	A pilot study using PROMIS to assess the health and well-being of Orthopaedic Residents
Allison W. McIntyre	42	PRO Provider Adoption Survey Development
Rebecca Mercieca-Bebber	32	Update from the Australian PROMIS Users' Group
David Mitten	54	Early PROMIS scores 6 weeks following total hip arthroplasty (THA) can identify patients who are unlikely to demonstrate improvement at greater than one year follow-up.
David Mitten	56	PROMIS scores following total hip arthroplasty demonstrate continued improvement at greater than one year.
Ilda B. Molloy	44	Outcomes Between the Depuy Sigma and Attune for Total Knee Arthroplasty; Does the Implant Matter?
Elizabeth Yohe Moore	33	Variation in Interpretation of Fatigue Across Neuro-QoL - Fatigue - Version 1.0 Translations
Mara Nery-Hurwit	80	Examining predictors of resilience among adults with disability
Emily Parks-Vernizzi	45	Translation of the Concept of "Bothered" in PROMIS Measures

Poster Presentations

Presenter		Abstract No. & Title
Dylan Ruebeck	34	Impact of Fibromyalgia (FMS) on PROMIS t-scores in patients with rheumatoid arthritis (RA)
Sara Shaw	8	PROMIS Functional and Pain Scores in Surgically Treated Patients with Metastatic Bone Disease: Early Results.
Kai Sun	59	Chinese-American Rheumatology Patients who use Traditional Chinese Medicine Have Worse PROMIS scores
Kai Sun	60	Chinese-American Rheumatology Patients with High Adherence Have Better PROMIS Scores
Evan Tang	36	Validation of the PROMIS-57 profile questionnaire in kidney transplant recipients
Kevin Taylor	84	Correlating PROMIS and Traditional Patient-Reported Outcomes for Surgical Shoulder Patients
Kevin Taylor	87	Hip Arthroscopy from the PROMIS Perspective: An Analysis of Prospectively Collected Patient Reported Outcomes Data
Laura L. Tosi	63	Web-based surveys using PROMIS instruments capture important components of the Osteogenesis Imperfecta patient experience
Rebecca Trachtman	64	Do PROMIS Computer Adaptive Tests Correlate with Disease Activity in Juvenile Idiopathic Arthritis?

Thanks To

The Scientific Advisory Committee:

Chairpersons:
Judith Baumhauer, MD, MPH
Kevin Weinfurt, PhD

Committee:
Jordi Alonso, MD, PhD, MPH
David Cella, PhD
Karon Cook, PhD
Christopher Forrest, MD, PhD
Richard Gershon, PhD

Wojecich Glinkowski, MD, PhD
Rachel Hess, PhD
Dennis Revicki, PhD
Lisa Shulman, MD
Caroline Terwee, PhD

PHO 2018

October 28 + 29, 2018

Join us in Dublin, Ireland!

Notes

Notes

PHO | **PROMIS HEALTH ORGANIZATION**