STATEMENT OF NEED
This two-day course is provided to firstly teach healthcare providers on the clinical perspectives of spinal muscular atrophy (SMA), including the broad phenotypic spectrum of pediatric and adult patients, evidence of natural history of the disease, new updates to standards of care, clinical outcome measures/standardized assessments, and the influence of therapies both approved and under development, and second, to support healthcare providers, outside of specialized SMA centers, to manage rehabilitation programs and evaluate patient progress using validated standardized clinical assessments in SMA. At the end of this course, participants will have an understanding of the current advances in treatment as well as the influence of therapies both approved and under development; and second, to support healthcare providers, outside of specialized SMA centers, to manage rehabilitation programs and evaluate patient progress using validated standardized clinical assessments in SMA.

LEARNING OBJECTIVES
At the conclusion of this activity, participants should:

- Determine and apply appropriate clinical outcome measures based on available standards of care recommendations.
- Choose and organize suitable rehabilitation programs based on age and function with correct administration and scoring of motor performance using validated standardized clinical assessments in SMA.
- Understand the standards of care to clinical practice and management in SMA. Attendees will comprehend how recommendations for the evaluation and rehabilitation of SMA include the broad phenotypic spectrum, and evidence of natural history.
- Atrophy (SMA) including disease pathology, phenotypic spectrum, and evidence of natural history.
- SMA Pathophysiology, Diagnosis and Clinical Presentations
- Oscar Mayer, MD and MyMy Buu, MD, FAAP
- Approved Treatment and Upcoming Therapeutic Strategies
- Perry Shieh, MD, PhD and Basil Darras, MD
- SMA Phenotypes and Disease Progression
- Connie Wolford, MSN, FNP-BC and Jacinda Sampson, MD, PhD
- Infantile Spinal Muscular Atrophy – Clinical Trivia Quiz, MD and Richard F. Eikel, MD
- Later Spinal Muscular Atrophy – Alex Parsons, MD and Daniel Ziminski, MD
- Pre-symptomatic Spinal Muscular Atrophy – Richard F. Eikel, MD and Carmen P. De Vivo, MD
- Lunch
- Managing Chronic Adults with Spinal Muscular Atrophy – Corinne Miller, MD, FNP-BC and Amanda Somberg, MD, PhD
- Respiratory Management in Spinal Muscular Atrophy – Nigel Myers, MD and Maryly Buhi, MD, FAA
- Break
- The Patient Experience – Ravindra Anil, MD and Carly Sakkalis, MS, LCCC
- Socialize/Move & Cheese Event (No CME)
- 10:15–11:00 am
- 11:00–11:45 am
- 11:45 am–12:30 pm
- 12:30–1:15 pm
- 1:30–2:15 pm
- 2:15–3:00 pm
- 3:00–3:30 pm
- 3:30–4:30 pm
- 4:30–5:00 pm
- 5:00 pm

FLYER
ACADEMIC PARTNER
The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

CREDIT DESIGNATION
The Stanford University School of Medicine is accredited with Commendation by the Accreditation Council for Continuing Medical Education (ACCME). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

FACULTY DISCLOSURE
The Stanford University School of Medicine requires authors to disclose any potential conflicts of interest (COI) at the outset of their participation in the activity. The California Board of Registered Nursing has recognized that Continuing medical education (CME) is necessary, for renewing the continuing education requirements for nursing. The program will meet the criteria for 3.0 contact hours. Participation is voluntary. Participants who have a conflict of interest relating to the subject matter may be identified in the activity.
SPEAKERS

John M. Stag, MD, PhD
Professor of Neurology and Pediatrics (Genetics) and by courtesy, Pathology

Caroline Teichner-Navia, MD
Clinical Associate Professor, Pediatrics & Neurological Sciences

GUEST FACULTY

Trent Carry, PT
Physical Therapist, Children’s Hospital Colorado

Matthew Gholami, MPT
Physical Therapist, Nemours Children’s Hospital

B. Daniel, MD
Associate Neurologist-in-Chief, Division of Clinical Neurology
Duke University Medical Center and Spinal Muscular Atrophy Program

Darryl C. Cho, MD
Sidney Silverman Professor of Neurological Sciences for Neurology
University of California, San Francisco

Jacqueline Montes, PT, EdD, NCS
Assistant Professor, Epidemiology, School of Population Health, University of California, Los Angeles

TERMS AND CONDITIONS

Stanford University reserves the right to cancel or curtail the event if circumstances occur such as non-refundable airline tickets or hotel penalties.

CANCELLATION POLICY

Fees will be fully refunded. We are not responsible for other costs incurred such as travel, hotel, and meals. Cancellations received in writing no less than 30 days prior to the course will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation requests to stanfordcme@stanford.edu.

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For questions about the symposium, please contact Mary Sisney, CME Program Manager.

For additional information, including dietary concerns, please contact the CME Conference Coordinator.

Elegant interior décor with floor-to-ceiling windows. A fully furnished, custom-designed space to engage with other participants.

SPEAKERS

STANFORD FACULTY

Molly Bell, MD, FRCP
Clinical Assistant Professor, Pediatrics – Pulmonary Medicine

John M. Stag, MD, PhD
Professor of Neurology and Pediatrics (Genetics) and by courtesy, Pathology

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Physical Therapist, Children’s Hospital Colorado

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Day 1 | Recorded Friday, December 6, 2019

8:00–8:15 am
Medications and Introductions • John Day, MD, PhD and Carolina Tesi Rocha, MD

8:15–8:30 am
SMA Pathophysiology, Diagnosis and Clinical Presentations • Sonya C. De Vito, MD and John Day, MD, PhD

8:15–8:45 am
Approved Treatment and Upcoming Therapeutic Strategies • Perry Brown, MD, PhD and Lisheng Zhao, MD

9:00–9:45 am
Infantile Onset Spinal Muscular Atrophy • Connie Wolford, MSN, FNP-BC and Jacinda Sampson, MD, PhD

9:00–9:45 am
Later Onset Spinal Muscular Atrophy • Julie Parsons, MD and Basil Darras, MD

10:15–10:30 am
Faculty Round Table: The Patient Experience • Nader V. Ghazarian, MD and Basil Darras, MD

10:30–11:25 am
Clinical Phenotypes and Disease Progression

11:45 am–12:30 pm
Asymmetric SMA

12:30–1:30 pm
SIBS Panel Discussion

2:30–3:30 pm
Clinical Evaluations/Assessments for Spinal Muscular Atrophy

3:30–4:15 pm
Rotate Speakers

3:30–4:15 pm
Breakout Sessions • Evaluations for Non-sitters

3:30–4:15 pm
Breakout Sessions • Evaluations for Sitters and Walkers

3:30–4:15 pm
Revised Upper Limb Module (RULM)

4:15–5:00 pm
Revised Upper Limb Module (RULM)

4:45–5:00 pm
Revised Upper Limb Module (RULM)

5:00–5:15 pm
Adjourn

STATEMENT OF NEED
This two day course is intended to first, teach healthcare professionals the clinical perspective on the specific muscular atrophy (SMA) including the broad phenotypic spectrum of pediatric and adult patients, evidence of natural history of the disease, new updates to standards of care, clinical outcome measures/standardized assessments, and the influence of therapies both approved and in development, and second, to support healthcare providers, outside of specialized SMA centers, to manage rehabilitation programs and evaluate patient progress using validated standardized clinical assessments in SMA. At the end of course, participants will have an understanding of the current advances in treatment as well as recommendations for the evaluation and rehabilitation management in SMA. Attendees will comprehend how to relate the standards of care to clinical practice and assess SMA patients with standardized clinical measures.

TARGET AUDIENCE
This is an international program designed for physicians, nurses, practice advance nurses (APNs), professional nurses (RN), physical therapists, physicians, occupational therapists, speech language pathologists, residents, fellows and medical students specializing in Neurology, Pediatrics, and Neuromuscular Specialties.

LEARNING OBJECTIVES
At the conclusion of this activity, participants should be able to:

• Summarize the clinical perspectives of Spinal Muscular Atrophy including disease pathology, phenotypic spectrum, and evidence of natural history.

• Choose and organize suitable rehabilitation programs based on available standards of care recommendations.

• Determine and apply appropriate clinical outcome measures based on age and function with current administration and scoring of performance measures using these common Spinal Muscular Atrophy measures.

ACCREDITATION
The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. Stanford Health Care Department of Rehabilitation is approved provider for physical therapy, occupational therapy, and speech language pathology. For courses that meet the requirements set forth by the respective boards.

CREDIT DESIGNATION
The Stanford University School of Medicine designates this live activity for a maximum of 14 AMA PRA Category 1 Credits™ (M60000000). AMIA PRA Category 1 Credits™ (M60000000). Physicians should claim only the credit commensurate with the extent of their participation in the activity.

FACULTY DISCLOSURE
The Stanford University School of Medicine adheres to ACCME Guideline on Translations (CHOP INTEND) includes standards and policies regarding industry support of continuing medical education. Disclosure of faculty and their commercial relationships will be made prior to the activity.
December 6–7, 2019 • 7:00 am – 5:15 pm
FRIDAY, DECEMBER 6, 2019

8:00–9:00 am
Registration • Contential Breakfast
9:00–9:45 am
Welcome and Introductions • Perry Silver, MD, PhD and Andrea A. Rendell, MS
9:45–10:15 am
Clinical Phenotypes and Disease Progression • Julie Parsons, MD and Basil Darras, MD
10:15–10:45 am
Break
10:30–11:25 am
SMA Pathophysiology, Diagnosis and Clinical Presentations • Richard Finkel, MD and Darryl C. De Vivo, MD
11:15–12:15 pm
Later Onset Spinal Muscular Atrophy • Anne Forsberg, MD and Dawn De Vivo, MD
11:45 am–12:00 pm
Pre-symptomatic Spinal Muscular Atrophy • Richard F. Finkel, MD and Cancio Trinh, MD
12:00–1:00 pm
Lunch
12:30–1:00 pm
Meningeal Changes Adults with Spinatal Muscular Atrophy • Canine MD (MC) BAK and Andre Vanasse, MD, PhD
1:00–1:30 pm
Respiratory Management in Spinal Muscular Atrophy • Oscar Mayer, MD and MyMy Buu, MD, FAAP
1:30–2:25 pm
Updated Rehabilitation Standards • Sally Dunaway Young, PT, DPT and Terri Carry, PT
2:15–3:00 pm
Clinical Evaluations/Assessments for Spinal Muscular Atrophy • Tina Duong, MPT
2:30–3:30 pm
Exercise Recommendations in Spinal Muscular Atrophy • Jacqueline Montes, PT, EdD, NCS
3:00–3:30 pm
Hammersmith Functional Motor Scale Expanded (HFMSE) • Matthew Civitello, MPT
3:30–4:15 pm
Hammersmith Infant Neurological Examination (HINE) • Sally Dunaway Young, PT, DPT and Terri Carry, PT
3:45–4:15 pm
Six-Minute Walk Test • Carolina Tesi Rocha, MD and John Day, MD, PhD
4:15–4:45 pm
Group Discussion
4:45–5:00 pm
Closing Remarks • John Day, MD and Carolina Tesi Rocha, MD

TARGET AUDIENCE
This is an international program designated for physicians, nurses, advance practice nurses (APNs), professional RNs, physical therapists, occupational therapists, speech language pathologists, residents, fellows and medical students specializing in Neurology, Pediatrics, and Neuromuscular Specialties.

LEARNING OBJECTIVES
At the conclusion of this activity, participants should be able to:
• Summarize the clinical perspectives of Spinal Muscular Atrophy including disease pathology, phenotypic spectrum, and evidence of natural history.
• Choose and organize suitable rehabilitation programs based on available standards of care recommendations.
• Determine and apply appropriate clinical outcomes based on existing and future standards of care. Attendees will comprehend how to relate the standards of care to clinical practice and assess SMA patients with standardized clinical measures.

ACCREDITATION
The Stanford University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACME), to provide continuing medical education for physicians. Stanford Health Care Department of Rehabilitation is approved as a provider of physical therapy, occupational therapy, and speech language pathology for courses that meet the requirements set forth by the respective boards.

CREDIT DESIGNATION
For this course the following CE credits for Friday attendees are approved for ACPE. In order to complete the course of study:
• The Stanford University School of Medicine designates this live activity for a maximum of 56.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The California Board of Registered Nursing recognizes that Continuing Medical Education (CMED) is essential for the maintenance of nursing competence and for the renewal of a California RN license. Participants will receive a Certificate of Participation following this activity that may be used for license renewal.

STATEMENT OF NEED
This two day course is provided to teach healthcare providers on the clinical perspectives of spinal muscular atrophy (SMA) including the broad phenotypic spectrum of pediatric and adult patients, evidence of natural history of the disease, new updates to standards of care, clinical outcome measures/standardized assessments, and the influence of Therapies on patient outcomes and development, and to support healthcare providers, outside of specialized SMA centers, to manage rehabilitation programs and evaluate patient progress using validated standardized clinical assessments in SMA. At the end of this course, participants will have an understanding of the current standards in treatment as well as recommendations for the evaluation and rehabilitations management in SMA. Attendees will comprehend how to relate the standards of care to clinical practice and assess SMA patients with standardized clinical measures.

Clinical Joins
REGISTER ONLINE
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