

COURSE DESCRIPTION

This two-day course provides participants with basic concepts of seating and positioning, wheelchair mobility, and assistive technology for every day use. An interactive approach will help to identify limitations and to pair wheelchair and seating technology to optimize function and independence. Interactive adult and pediatric case studies will be used to enhance learning concepts. Asymmetries and pressure-relieving concepts will be highlighted in the selection of seating components and wheelchair configuration. The latest research findings in seating and mobility will be discussed relative to optimizing wheelchair configuration for efficiency in wheelchair propulsion.



Rancho Rising 2020

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RANCHO LOS AMIGOS NATIONAL REHABILITATION PRESENTS



A Two-Day Interactive Course
Wheelchair Seating, Mobility, and
Assistive Technology:
Putting the Parts Together

12.0 Contact Hours (1.2 CEUs)

October 26th and 27th 2019



COURSE OBJECTIVES:

Upon completion of this course, you will be able to:

1. Complete a wheelchair mat evaluation.
2. Identify three asymmetries that may impact wheelchair positioning.
3. Explain the difference of the pressure relieving concepts.
4. Complete measurements for a manual wheelchair.
5. Compare and contrast three different types of power wheelchair drives.
6. Identify three access methods to a phone and/or tablet used by persons with upper extremity limitations.

WHO SHOULD ATTEND ?

- Physical Therapists
- Physical Therapist Assistants
- Occupational Therapist
- Occupational Therapist Assistants
- Assistive Technology Professionals
- DME Providers
- Administrators

CEU's Approved for 12.0 contact hours (1.2 CEUs)



REGISTRATION

Please Register at www.ranchowc.com

Early Bird : \$165.00 (Please register by 8/15/19)

Registration: \$185.00

No on-site registration permitted

Questions are welcome: Please Contact Robyn Buckner at
RBuckner@dhs.lacounty.gov or (562) 385-6237

CANCELLATION

Cancellations must be received in writing at least 14 days prior to the course date to receive a refund of 50% of registration fee. If the cancellation is made within fourteen days or less, refunds will not be granted for any reason.

No on-site registration permitted

Questions regarding cancellations? Please contact: Spencer Toledo at
spencert@ranchoresearch.org

To request reasonable accommodation, please contact the ADA Coordinator's office at (562) 385-7428 or by email at lawong@dhs.lacounty.gov 5 days in advance. If you suspect fraud or wrongdoing by a hospital employee, please report it to the County Fraud Hotline at (800) 544-6861 or www.lacountyfraud.org. You may remain anonymous.

COURSE OUTLINE

DAY ONE :

7:30 am - 8:00 am Check in/ Continental Breakfast

8:00 am - 5:30 pm Lecture

I. Introduction/Objectives

II. Seating and Positioning Alignment

- a. Key points in Seating
- b. Key areas to evaluate in Supine (LAB)
- d. Types of Deformities
- c. Specialty Seating
- d. Case Study

Lunch: 12-1 pm

Breaks: 15 min (mid-morning & mid-afternoon)

III. Cushions

- a. Review of Cushion Types
- b. Pressure Relieving Concepts
- c. Assessment
- d. Pressure Map
- e. Tricks of the Trade
- f. Lab

IV. Manual Wheelchairs

- a. Non-Self-propelling manual wheelchair
- b. K1 - K5 Manual Wheelchairs
- c. Optimal Wheelchair Configuration
- d. Smart Wheel Assessment
- e. Power Assist

DAY TWO 7:30 am - 8:00 am - Continental Breakfast 8:00

am - 12:30 pm Lecture

I. Power Wheelchairs

- a. Types of power wheelchairs
- b. Types of Drives

Breaks: 15 min (mid-morning)

II. Assistive Technology

- a. Access to phones and tablets
- b. ECU controls
- c. Resources for mounts
- d. Group discussion

Questions/Discussion/ Course Evaluation

MEET OUR SPEAKERS

Jan Furumasa, B.S. PT, ATP, is a physical therapist that has worked at Rancho Los Amigos National Rehabilitation Center (RLANRC) since 1979. She is currently working in the Wheelchair Seating Center and the Center for Applied Rehabilitation Technology (CART) evaluating seating, mobility and assistive technology needs of clients. She has published and presented extensively in areas including pediatric powered mobility, seating, mobility, gait, and patients with muscle diseases.

Kathleen Shanfield, OTR/L, MS, ATP, has focused most of her professional career around evaluating and treating clients with various disabilities in the use of assistive technology (AT), as well as practicing general occupational therapy. She currently works at the Center for Applied Rehabilitation Technology (CART) program at RLANRC.

Robyn Buckner, DPT, is a physical therapist at Rancho Los Amigos National Rehabilitation Center (RLANRC) where she works primarily on the spinal cord injury and pressure injury management services. She is a guest lecturer for the physical therapy department at Mount Saint Mary's University.

Christine Mata, PT, DPT, NCS, is a physical therapist at RLANRC, with experience in a variety of practice settings including acute care, seating and positioning systems and inpatient rehab.

