

Putting The Top and the Bottom Together:  
ADVANCED Upper Extremity Course:  
Skill building and mentoring for OT's and PT's  
in Neuro-Developmental Treatment

Instructors: Timmie Wallace, PT, C/NDT and  
Kimberly Barthel, OTR/L, C/NDT

May 1-May 5, 2017

1300 South El Camino Real, San Mateo, CA

Tuition Fee: \$750

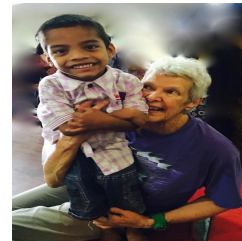
**\*\*NDT Certification is required to take this course.**

If you are interested in attending, contact Olga Anaya at: [olanaya@smcgov.org](mailto:olanaya@smcgov.org)

Please carpool if possible, as parking in the parking lot is limited. Street parking is available.

35 Contact Hours

3.5CEUs



Therapists who work with children experiencing neurological challenges will benefit from this intense 5-day learning experience which is designed to enhance their professional practice by combining lectures, labs, video presentations, hands-on demonstrations and practicums with children. The focus of the content will be on the development of upper extremity use, grasp and manipulation as it connects to the trunk and lower extremities in daily function.

The participants' individual learning experiences and outcomes are paramount; this is a chance to deepen your practice with the children you serve at both the technical and interpersonal level.

Timmie and Kim are a dynamic duo who have worked together in Asia as well as the US and Canada, each are master clinicians in their unique ways, and they are very excited to offer this special course together.

## Course Schedule

Day 1: Registration 8:00-8:30 am

8:30 am-4:30 pm; 45 minute lunch

Typical Development of the shoulder and trunk lecture and lab

Typical Development Demo with kids

Connections: What connects the arm swing to the leg swing?

Treatment Demonstration

Follow-up discussion

Day 2:

8:30 am-4:30 pm; 45 minute lunch

Trunk and rib cage: Respiration and Core Stability: Lecture and Lab

Video feedback Review

Practicum with kids with focus on rib cage and trunk

Connecting the shoulder to trunk lab (thoracic spine and anterior trunk)

Treatment demonstration

Follow up discussion

Day 3:

8:30 am-4:30 pm; 45 minute lunch

Reach in Space: Connecting the Hand to the Foot: Lecture and Lab

Treatment of the shoulder Practicum with kids

Video feedback Review

Elbow, forearm: Lecture and lab

Treatment demonstration

Follow up discussion

Day 4:

8:30 am-4:30 pm; 45 minute lunch

The wrist and hand: Are the ankle and foot in the loop?

Typical development of the hand demo with typical kids

Hand lab

Practicum with kids focus on the elbow, forearm wrist and hand.

Manipulation practicum: analysis and treatment planning

Demonstration to the class of treatment scheme

Day 5

8:30 am-4:30 pm; 45 minute lunch

Neurobiology of the Upper Extremity

Sensory Aspects of the hand: arousal and haptic

Hand and Foot: Similarities and Differences. Why it's all important?

Treatment Demonstration

Follow Up Discussion

REGISTRATION FORM

Putting The Top and the Bottom Together:  
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Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Alternate Phone: \_\_\_\_\_

Email: \_\_\_\_\_

I am an/a (check one):

Occupational therapist \_\_\_\_\_

Physical therapist \_\_\_\_\_

When did you receive your NDT certification \_\_\_\_\_

NDT Certification number \_\_\_\_\_

Course Fee: \$750.00

Please make check payable to: Jessica Avery

Send registration form with payment to:

Olga Anaya: c/o CCS,

65 Tower Road,

San Mateo, CA 94402

Application must be received by April 14, 2017.

No refunds after the registration deadline.