

Objectives

Upon completion of this course, participants will:

- ✓ Accurately name the anatomical structures (muscular, articular, neurological) relevant to the swallowing function.
- ✓ Correctly and accurately locate the related structures.
- ✓ Describe the phases of normal swallowing movement and the neuro-physiological processes involved in normal swallowing.
- ✓ Discuss the psychological aspects involved with and their impact on swallowing.
- ✓ Describe the pathological conditions affecting the swallowing function in both the adult and pediatric population.
- ✓ Demonstrate a bedside swallow assessment and interpret the results of a modified barium study.
- ✓ Categorize the swallowing disorder based on the result of the evaluation.
- ✓ Describe treatment techniques currently used to treat swallowing disorders and the best suited for various conditions.
- ✓ Describe the characteristics of electrical stimulation and the influence of electricity on muscle tissue.
- ✓ Identify the pathological conditions for which electrical stimulation is indicated and contraindicated.
- ✓ Describe the characteristics of the VitalStim electrical stimulation unit and the electrodes used.
- ✓ Demonstrate the application of VitalStim technology in the treatment of dysphagia.
- ✓ Demonstrate the use of specific swallowing exercise during and after the application of VitalStim technology.
- ✓ Discuss the use of other interventions to maximize the impact of VitalStim treatment.
- ✓ Describe the framework of a successful swallowing program.

Course Venue

To be confirmed.

Date: 25-26 September 2010 (**Saturday & Sunday**)

Time: 8:00am to 5:30pm on Day 1
9:00am to 12 noon on Day 2

Course Outline

Day 1

8.30 – 9.00	Registration
9.00 – 10.00	Introduction, History of Development, Program Overview, Certification Process
10.00 – 11.00	Review of Swallowing Physiology and Anatomy
11.00 – 11.15	Tea Break
11.15 – 12.00	Review of Swallowing Physiology and Anatomy
12.00 – 1.00	Abnormal Swallow (Dysphagia)
1.00 – 1.15	Discussion
1.15 – 2.15	Lunch
2.15 – 3.30	MBS
3.30 – 4.00	Electrical Stimulation: Basic Theory
4.00 – 4.15	Tea Break
4.15 – 5.00	Electrical Stimulation: Basic Theory
5.00 – 5.30	Electrical Stimulation: Lab

Day 2

9.00 – 9.15	Content: Registration
9.15 – 10.00	Review of Day 1 Electrical Stimulation for Swallowing: Theory
10.00 – 10.15	Tea Break
10.15 – 12.00	Electrical Stimulation for Swallowing: Application – Theory & Lab Swallowing Therapy: Diet Progression Integration of Electrical Stimulation into Treatment Plan: Lab (Viewing MBS) Vital Stim Web Support / Q&A and Close

VITALSTIM™ CERTIFICATION PROGRAM

The only United States FDA cleared to market Neuromuscular Electrical Stimulation Dysphagia approach.

Course Description

This dynamic and innovative program is revolutionizing dysphagia therapy! Speech-Language Pathologists and related medical healthcare professionals will bring their facilities to a state-of-the-art-level with certification from this course. VitalStim Therapy combines electrical stimulation and conventional dysphagia management techniques.

This 1.5-day certification course will review the normal and pathological swallowing mechanisms and processes. The participants will learn how to implement VitalStim™ therapy to re-educate normal swallowing patterns in adult patients. Through extensive hands-on labs, attendees will apply the theory of neuromuscular electrical stimulation to the treatment of dysphagia. This course will also include analysis of modified barium swallow studies to determine appropriate surface electrode placement, and the role of cricopharyngeal dilatation in therapeutic outcomes.

Instructors

Dr. Radika Vasudeva (Ph.D, SLP) is a Consultant Speech-Language Therapist practising in Singapore. Being started practicing Speech Therapy in 1990, Dr. Radika completed Doctoral studies at the Graduate College of Management, Southern Cross University, Australia in 2005. Research involved developing a Professional Practice Model for Speech Therapy in Singapore using Action Research and Grounded Theory. Dr. Radika was the Department Head of Singapore General Hospital in Year 2001 until 2005, and was providing a leading role in developing the department's profile in research and clinical teaching.

Dinesh Verma, PT, MBA, is Clinical Consultant with Chattanooga group, USA. Working closely with manufacturers, he is involved in development of new electrotherapy systems and has sound knowledge on electro physical agents. He has intense interest in Clinical electrotherapy and has conducted various seminars within Asia region.

VITALSTIM™
CERTIFICATION PROGRAM

Registration Form

Name: (Block Letter)	
Workplace:	
Occupation:	
Address:	
Tel: (office)	
(mobile)	
Fax:	
Email:	

*****Pre-Requisite of Applicants*****

Applicants should have background in studies of Swallowing Treatments and/or Dysphagia Treatments to patients in different clinical settings.

I confirm that I will be participating in this workshop with the pre-requisite fulfilled.

Signature _____

Course Fee

Amount: **HKD\$3,980**

Early Bird Register before 30 June 10: HK\$3,480

Payment: Cash/Bank Draft/Cheque No. _____
(Cheque payable to "Pro-Med Technology Ltd". Please write your name on reverse of the cheque)

For further information, contact us at:

Pro-Med Technology Ltd

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This program is organized by:



Pro-Med Technology Ltd
 普康醫學儀器有限公司

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Venue: **To Be Confirmed**