

THE BIBER PROTOCOL® Certificate Practitioner CERTIFICATE TRAINING ON DYSPHAGIA REHABILITATION FOR Speech Therapists WHO TREAT SWALLOWING DISORDERS



The Rehabilitation of Dysphagia with The Biber Protocol®

(I) Pre-Course Agenda: *(Pre-recorded Video)*



(II) Live Course Agenda: *(via online platform)*



(III) Practical Course Agenda: *(by Local Instructor)*

Foundations of Dysphagia Rehabilitation

- Fundamentals of Swallowing
- Prevalence and Management of Dysphagia
- Categories of Dysfunction

Electrotherapy

- Definition
- History
- Current Research and Evidence Based Practice
- Principles and Parameters waveforms, amplitude, frequency, pulse duration, ramp and cycle time
- Neuroplasticity and Cortical Reorganization

NMES: Implementing The Biber Protocol®

- Determining Candidacy
- Contraindications and Cautions
- Patient Education
- Goals of Treatment
- Adjusting Parameters
- Electrode Placement and Rationale
- Electrode Care
- Assessing for Contraction

Facial Stimulation

- Facial Nerve Dysfunction
- Quantitative Evaluation
- Electrode Placement
- Therapeutic Protocols

Understanding sEMG

- History
- Foundational Principles

Developing a Home Program

Case Studies

Questions and Answers

Lab 1

- Setting the Device
- Role Play – The Skilled Way to Introduce NMES to a Patient
- Placing and Securing Electrodes
- Assessing for Contraction

Review of NMES Principles and Parameters

Lab 2

- Parameter by Parameter Singular Adjustment and Experience
- Continued Practice with One-on-One Observation and Feedback

New Device - BiberPlus

BiberPlus will be provided as NMES trial to practice for **1 month**



The Biber Protocol® Practitioner Certificate will be granted after workshop

Rehabilitation of Dysphagia with The Biber Protocol™

This training course pairs the principles of electrophysiology with traditional swallowing exercises in order to re-educate laryngeal muscles in patients with dysphagia. The course provides an overview of patient selection, a rationale for Neuromuscular Electrical Stimulation (NMES) parameter settings, and electrode placement.



Course Learning Outcomes:

Upon successful completion of the training course, clinicians will be able to:

- Explain Neuromuscular Electrical Stimulation (NMES)
- Describe the properties of electrical stimulation and its impact on muscle tissue
- Describe the patient selection criteria for which NMES is indicated for the treatment of dysphagia
- Identify the characteristics of NMES
- Discuss the properties of Electrodes
- Discuss and demonstrate the application of therapeutic protocol in the treatment of dysphagia
- Describe and justify why there is a continued need for traditional swallowing exercises in conjunction with the therapeutic protocol
- Explain why adjusting the electrical parameters of the Biber Protocol is so important
- Demonstrate effective communication skills in patient education and allied health professionals regarding the candidacy and use of NMES for the treatment of dysphagia

Training Course Instructor

Teresa Biber, M.S., CCC-SLP

Ms. Teresa Biber is one of the most fervent, long-time advocates for neuromuscular stimulation (NMES) in the treatment of dysphagia. Initially, in the 1990's, she trained with physical therapists and adapted her experiences to utilize NMES to re-educate muscles affecting patients with dysphagia.

This led her to develop the Biber protocol, based on the fundamental electrophysiological principles of NMES that have been used successfully in neuro-rehabilitation for over 30 years. Her protocol allows speech pathologists to administer NMES treatments in half the time of other electrical stimulation protocols, while using half as many electrodes.

Ms. Biber has worked in various health care settings, including hospital, outpatient, and home health. In addition to dysphagia, her interests include head and neck cancer, as well as cognitive rehabilitation, including traumatic brain injury and dementia. She has presented on the topics of dysphagia, electrotherapy, head and neck issues, and dealing with traumatic brain injuries. She was published in *Advance* in 1997 and 1998 and in *Dysphagia* in 2005 and 2006. Ms. Biber is also a member of the Dysphagia Research Society.

With nearly 20 years of passion for NMES, Ms. Biber continues to provide training to hundreds of SLPs. Her NMES course is innovative, entertaining, and will leave the attendees with new respect and appreciation on the role of NMES and dysphagia.

INSTRUCTIONAL PERSONNEL DISCLOSURE:

Teresa Biber, M.S., CCC-SLP, Speech/Language Pathologist and Founder of the Biber Protocol Program, Program coordinator at Broward Health Imperial Point National Instructor for: The Role of NMES in Dysphagia Management

Course Details

Act Fast! Class size is limited!

Zoom Live Meeting Course Session

Date&Time: 12 Mar 2022 (Sat), 9:00am -12 :30pm

Practical Session:

Date&Time: 19 Mar 2021 (Sat), 9:30am - 12:00noon

Venue: GSBE GLOBAL ACADEMY

Flat 26B, King Palace Plaza,
55 King Yip Street, Kwun Tong,
Kowloon, Hong Kong.
(6 Minutes walk from Kwun Tong MTR)

Instructor: Teresa Biber, M.S., CCC-SLP

Co-Organizer: GSBE Company Ltd, GSBE Global Academy

Fees : Certificate Workshop: HK\$3,480

(Apply for GSBE Global Academy Membership and get immediate discount on Registration Fees reduction!)

Member Discounted Price: HKD\$3,080

Registration before **15 Jan 2022** can also get early bird discount on top (Further discount HKD\$100).

Contact: GSBE Global Academy at 2709-3800
or info@gsbe.com.hk

YOUR BENEFITS AFTER SIGNING UP 2-YEARS MEMBERSHIP (HKD\$300/ USD\$40):

1. Purchase of educational books and materials with 10% discount.
2. **10% Discount** on taking ALL further workshops and certificate programs.
3. Get e-copies for training materials after participating course

Application Form for The Rehabilitation of Dysphagia with The Biber Protocol ®

Name (CAPITAL LETTERS): Mr. / Ms. _____

Tel (Mobile, for whatsapp acknowledgement): _____

Email (For email updates on workshop details): _____

Facility (Hospitals/ Company Name): _____

Facility Address (For posting Certificates): _____

GSBE Global Academy Member, Membership No.: _____

		Unit Price
1	GSBE Global Academy Membership Fee (Valid for 2 years)	<input type="checkbox"/> HKD\$300 <input type="checkbox"/> USD\$40
2	GSBE Global Academy Member Registration	<input type="checkbox"/> HKD\$3,080 <input type="checkbox"/> USD\$410
	Non-Member Registration	<input type="checkbox"/> HKD\$3,480 <input type="checkbox"/> USD\$470
3	Early Bird Discount (Sign up and paid before 15 Jan 2022)	<input type="checkbox"/> - HKD\$100
		<input type="checkbox"/> - USD\$12

Total: _____

Please make cheque payable to GSBE COMPANY LTD and send to

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Room 26B, King Palace Plaza, 55 King Yip Street, Kwun Tong, Kowloon, Hong Kong.

or deposit payment to our

Bank Name: Standard Chartered Bank (Hong Kong) Limited

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