



# International

# Lyftogt Perineural Injection Treatment™

## Workshop

Ferrara, Italy - September 04 - 07, 2015

### DAY ONE: FRIDAY, SEPTEMBER 4 - FERRARA (Hotel Ferrara)

08.00 - 08.45

#### REGISTRATION

08.45 - 10.45

#### NEUROPATHIC PAIN AND NEUROSCIENCE (Dr. John Lyftogt)

- IASP definition of Neuropathic pain
- A short history of Neuropathic pain
- Latest neuroscientific findings underlying neuropathic pain concept
- Peptidergic Nociceptors
- Neuro-anatomy peptidergic small fibers
- Neuro-physiology peptidergic small fibers
- Nervi Nervorum
- Chronic Constriction Injury
- Axon Reflex
- Dorsal Root Ganglion reflex
- Spinal reflex
- Axoplasmic flow
- Hiltons Law
- Postulated effects of Dextrose and Mannitol
- Introduction into Neurogenic Inflammation
- Pro-inflammatory Neuropeptides CGRP and SP

10.15 - 10.40 MORNING BREAK

10.40 - 12.15

#### INTRODUCTION INTO THE MACRO ANATOMY OF LOWER LIMB NEUROPATHIC PAIN

Demonstration of relevant nerves and CCLs of Knee-lower leg-ankle-achilles-foot

12.15 - 13.30 LUNCH TIME

13.30 - 14.00

#### ALTERNATIVE START TO THE AFTERNOON WITH A POPULAR Q&A SESSION

14.00 - 15.00

#### TREATMENT OF LOWER LIMB NEUROPATHIC PAIN

Clinical and Practical demonstration - Dr. John Lyftogt

15.00 - 15.30 AFTERNOON BREAK

15.30 - 17.00

#### TREATMENT OF LOWER LIMB NEUROPATHIC PAIN cont.

Clinical Session with Live Patients in Rotating Workshop - Dr. Cavallino and Lyftogt's Team

17.00 - 18.00

Prof. Brian Peskin - "Combat Inflammation and End Patient's Pain"

close of day

20.00 SIPRO WELCOME DINNER

### DAY TWO: SATURDAY, SEPTEMBER 5 - FERRARA (Hotel Ferrara)

08.30 - 09.00

#### QUESTION & ANSWER SESSION

09.00 - 10.30

#### NEUROGENIC INFLAMMATION AND SCIENCE (Dr. John Lyftogt)

- Revision Day One
- Definition Neurogenic Inflammation
- TRPV1 central role in Neuropathic pain and Neurogenic Inflammation
- Pro-inflammatory neuropeptides CGRP and SP
- Anti-inflammatory neuropeptides Somatostatin and Galanin
- Introduction of the TRPV1 'gating' mechanism concept
- Dextrose/Mannitol proposed 'closing of the TRPV1 gate' theory
- Introduction into the role of Biofilm infections in Neurogenic Inflammation and Neuropathic pain

10.30 - 11.00 MORNING BREAK

11.00 - 12.30

#### INTRODUCTION INTO THE MACRO-ANATOMY OF LOW BACK-GROIN AND HIP PAIN

Demonstration of relevant nerves and CCLs of the low back-groin and hip  
Outline of Caudal Epidural with DSW

12.30 - 13.45 LUNCH TIME

13.45 - 14.00

#### ALTERNATIVE START TO THE AFTERNOON WITH A POPULAR Q&A SESSION

14.00 - 15.00

#### TREATMENT OF LOW BACK-GROIN AND HIP NEUROPATHIC PAIN

Clinical and Practical demonstration - Dr. John Lyftogt

15.00 - 15.30 AFTERNOON BREAK

15.30 - 17.00

#### TREATMENT OF LOW BACK-GROIN AND HIP NEUROPATHIC PAIN cont.

Clinical Session with Live Patients in Rotating Workshop - Dr. Cavallino and Lyftogt's Team

17.00 - 17.40

#### "Spinal Segmental Sensitization treatment for chronic pain" - Dr. De Sena Gianpaolo

Demonstration with Live Patient - with Dr. Cavallino and Dr. De Sena

close of day

SATURDAY NIGHT FREE

### DAY THREE: SUNDAY, SEPTEMBER 6 - FERRARA (Hotel Ferrara)

08.00 - 08.30

#### QUESTION & ANSWER SESSION

08.30 - 10.00

#### OVERVIEW NEUROPATHIC PAIN AND SCIENCE (Dr. John Lyftogt)

- Revision Day Two
- Nerve injury and regeneration
- The role of Schwann cells in nerve injury
- Topical treatment modalities (Dextrose, Mannitol, Vit D)
- Transdermal treatment modalities (Sonophoresis, Iontophoresis, Low Level Laser)
- Biofilm cont.
- Scientific publications and results with Dextrose and NPT

10.00 - 10.30 MORNING BREAK

10.30 - 12.00

#### INTRODUCTION INTO THE MACRO-ANATOMY OF SHOULDER-NECK-ARM-WRIST PAIN

Demonstration of relevant nerves and CCLs of the shoulder-neck-arm-wrist

12.00 - 13.30 LUNCH TIME

13.30 - 14.00

#### ALTERNATIVE START TO THE AFTERNOON WITH A POPULAR Q&A SESSION

14.00 - 15.00

#### TREATMENT OF SHOULDER-NECK-ARM-WRIST NEUROPATHIC PAIN

Clinical and Practical demonstration - Dr. John Lyftogt

15.00 - 15.30 AFTERNOON BREAK

15.30 - 17.30

#### TREATMENT OF SHOULDER-NECK-ARM-WRIST NEUROPATHIC PAIN cont.

Clinical Session with Live Patients in Rotating Workshop - Dr. Cavallino and Lyftogt's Team

17.30

#### EVALUATION AND CLOSE

close of day

20.00 SIPRO GALA DINNER

### DAY FOUR: MONDAY, SEPTEMBER 7 - BONDENO\* (Ferrara)

08.00 - 08.30

#### BUS RIDE FROM FERRARA TO BONDENO TRAINING CENTER

All doctors participate in setting up the Clinic from 8:30 - 9:00

09.00 - 10.00

#### Doctors Educational Workshop (Part One) (Dr. John Lyftogt - Cavallino)

Live Patients for all "NEW" NPT doctors to treat with instructors assistance.

10.30 - 11.00 COFFEE BREAK

11.00 - 12.30

#### Doctors Educational Workshop (Part Two) (Dr. John Lyftogt - Cavallino)

Live Patients for all "NEW" NPT doctors to treat with instructors assistance.

12.30 - 14.00 FANTASTIC LUNCH AT THE CLINIC

14.00 - 16.00

Doctors treat Doctors Educational Workshop (Dr. John Lyftogt - Cavallino)

16.00 - 16.30

#### QUESTIONS AND ANSWERS

16.30 - 17.00 COFFEE BREAK

17.00 - 17.30

#### NEURAL PROLOTHERAPY WORKSHOPS WORLDWIDE

17.30

#### GOOD BYE

\*BONDENO: Società di mutuo soccorso, Via della Repubblica 26 - Bondeno (FERRARA)

close of day