

# Airways and Performance Of Sport Horses

## Meeting & Workshop

13<sup>th</sup> and 14<sup>th</sup> of March 2010 at Weilerswist – Germany



DEAR COLLEAGUES,

Disorders of the equine respiratory system are known to be responsible for poor performance in normal and especially high performance horses. Due to the complexity of the respiratory system, diagnosis, treatment and prognosis are a significant challenge for the equine practitioner.

The two-day workshop provides lectures on the latest updates of upper airway diseases including scientific results which were presented at the 4th world equine airways symposium in Bern, Switzerland and the 11th Congress of equine medicine and surgery in Genève 2009. Special attention will be given to the dynamic collapse of the upper airway. The workshop will also include a whole day practical session focussing on diagnostic approaches and therapeutic management.

This is a fantastic and rare opportunity to learn recent scientific knowledge and new therapeutic options of main upper airway diseases from the well-known international airways specialist Professor **Norm G. Durcharme**. The other speakers, **Dr. Ann Kristin Barton** and **Dr. Martine Antys**, will demonstrate up-to-date knowledge on airway diseases, diagnostic modalities and tips for practise.

Sincerely,  
Team Equine Clinic Burg Mueggenhausen

### Location and date

13th and 14th of March 2010  
Pferdeklunik Burg Muggenhausen  
Heimerzheimer StraÙe 18  
53919 Weilerswist  
Germany  
[www.pferde-klinik.info](http://www.pferde-klinik.info)



**BURGMÜGGENHAUSEN**  
equine clinic

## PROGRAM

### Friday, 12<sup>th</sup> March 2010

19:30 Welcome of the course participants and common dinner

### Saturday, 13<sup>th</sup> March 2010

09:00 Dynamic collapse – dorsal Displacement of the Soft Palate – aetiology – What's News? (Norm Ducharme)

09:45 Dynamic collapse – Larynx: clinical appearance and significance – Possibilities in the diagnosis of the dynamic collapse (Norm Ducharme)

10:30 Coffee break

11:00 Dynamic respiratory endoscopy – experiences on the treadmill and in the field (Norm Ducharme)

11:30 Therapy of the dynamic collapse caused by dorsal Displacement of the Soft Palate (Norm Ducharme)

12:15 Lunch break

13:30 Endoscopy during exercise – practical demonstration at a thoroughbred (Martine Antys)

14:00 Transendoscopic laser surgery of dynamic dorso-ventral pharyngeal collapse during flexed head position in the horse (Ann Kristin Barton)

14:45 Diagnosis of epiglottis diseases – clinical examples (Norm Ducharme)

15:30 Disorders of the Larynx- diagnosis (Norm Ducharme)

16:00 Coffee break

16:30 Results of surgery interventions at laryngeal Hemiplegia (Norm Ducharme)

17:00 Ultrasound examination of the larynx (Norm Ducharme)

17:30 Influence of sedation and long-term exercise on laryngeal function in the horse (Ann Kristin Barton)

18:00 Dinner and sightseeing in the old city of Cologne

### Sunday, 14<sup>th</sup> March 2010

09:00 Clinical examples and discussion with Norm Ducharme

10:00 Surgery Demonstration: "Laryngeal Tie-forward" (Norm Ducharme)

11:00 Coffee break

11:30 Laser surgery: demonstration of ventriculo-cordectomy and aryepiglottic folds resection (Norm Ducharme)

12:30 Larynx Ultrasound Demonstration (Norm Ducharme)

13:00 Lunch break

14:00 Transendoscopic laser surgery of larynx preparations, laryngeal ultrasound at horses done by the participants

16:00 Workshop ends

Sponsored by:  Optomed

## SPEAKERS

### Dr. Norm G. Ducharme

DMV, MSc, Diplomate ACVS – James Law Professor of Surgery

Dr. Norm G Ducharme graduated from veterinary college at the University of Montreal in 1979 and completed his internship and residency at Cornell University's College of Veterinary Medicine. He received his MSc from the University of Guelph and became a Diplomate of the American College of Veterinary Surgeons in 1985. Dr. Ducharme is the James Law Professor of Surgery and Medical Director of the Equine and Farm Animal Hospitals at the College of Veterinary Medicine at Cornell University. He has served as President and Chair of the board of the American College of Veterinary Surgeons in 2006 and 2007 respectively.

He has authored over well over 100 publications, many book chapters and he also co-edited a book on Farm Animal surgery and on Equine gastroenterology.

In the area of research, Dr. Ducharme has focused much of his activities on understanding the equine upper airway physiology during exercise. The focus of his investigator group studies has been on methods of identifying and quantifying dynamic upper airway obstructions, defining the anatomical structures and their function, and developing surgical and other methods of treatment for upper airway diseases in the horse.

### Dr. Ann Kristin Barton

Studies of veterinary medicine 1998–2004 at the University of Veterinary Medicine Hannover, work experience at the equine clinics in Telgte and Hochmoor, Katherine Vet Care Center (Australia, Northern Territory), 2004–2005 doctoral thesis „Pharmacological studies of bronchial constriction inhibited by parasympatholytics and Cilomilast using equine precision-cut lung slices (PCLS)“ and rotating internship at the Equine Clinic of the University of Veterinary Medicine Hannover. Since September 2006 Residency programme of the European College for equine internal medicine, external training rotations at the Vetsuisse Zurich, Switzerland (anaesthesiology), Massey University, New Zealand (diagnostic imaging), Murdoch University, Australia (clinical pathology). Area of research: upper and lower airway diseases in the horse.

### Dr. Martine Antys

DMV, as an assistant of Professor Lekeux at the Veterinarian University of Liège she made a thesis about lung diseases and sports medicine at horses. Together with Dr. E. van Erck she worked on disorders of the respiratory system of sport horses and the evaluation of their sportive potentials. Furthermore she was involved in several research programs. In this context she also made cytologic analysis of respiratory secretion supervised by Professor L. Couetil. Since 2006 she is working at the equine clinic Burg Mueggenhausen.



## REGISTRATION

# 1<sup>st</sup> Meeting & Workshop: Airways and Performance Of Sport Horses

13. and 14. March 2010, Weilerswist-Germany

Please fax to **+49 (0)2254 6001-150**

or mail to **antys@pferde-klinik.info**

Registration until the 25.02.2010.

Confirmation of registration after receiving the payment  
and in order of the payment.

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Last and First Name

-----  
Institution/clinic:

-----  
Street and number

-----  
Zip Code/City

-----  
Country

-----  
Phone

-----  
Fax

-----  
E-mail

Name(s) of participant(s):

1. -----

2. -----

3. -----

### Please note:

- > Limited number of participants for the workshop at Sunday [max. 15 participants].
- > In the event of a lack of participants, the organizer reserves the right to cancel the meeting.
- > The application takes place only after confirmation of payment.
- > All Presentations are in English language.

### Participation Fee (Euro)

	Number of persons	until 05. Feb. 2010	until 25. Feb. 2010	Total
Both days package*	_____ x	700,-	750,-	_____
Saturday 13th only**	_____ x	250,-	300,-	_____

**Grand Total:** \_\_\_\_\_

- \* Both days package includes dinner on Friday 12th and Saturday 13th of march, 4 coffee breaks, 2 lunch buffets and 19 % VAT  
\*\* includes morning coffee, 2 coffee breaks, 1 lunch buffet and 19 % VAT

### Payment by:

#### 1. Credit Card:

MasterCard     Visa     Amex

Card verification no.: \_\_\_\_\_

Expiry date:            month \_\_\_\_\_    year \_\_\_\_\_

Card number:            \_\_\_\_\_

Signature:                \_\_\_\_\_

#### 2. Bank transfer

without charges for the beneficiary to the bank  
"Kreissparkasse Euskirchen":

- Within Germany – Account no.: 1541200, BLZ: 38250110
- Other countries – Code swift: WELADED1EUS  
IBAN: DE62382501100001541200

Keyword: „Workshop Airways”

Account holder: Pferdeklinik Burg Mueggenhausen GmbH

### Further information

Dr. Martine Antys

Pferdeklinik Burg Mueggenhausen GmbH

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### Accommodation

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