



ETL2

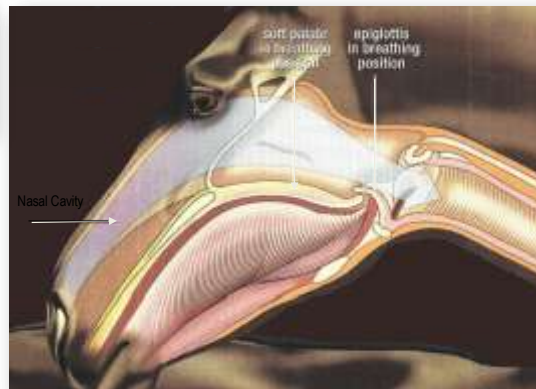
EQUINE
TRAININGS
LARYNGOSCOPE

Dr. Fritz GmbH, Germany



Unimpeded airflow is essential for success

- Horses are obligate nose breathers
- The larynx/pharynx is an anatomic bottle neck for airflow
- Static (at rest) and dynamic (during exercise) pathologies



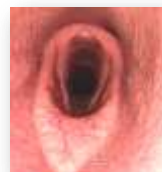
Pathologies during exercise are relevant

- “dynamic pathologies”
- At various speed
- At various stage of fatigue
- With different head posture using bridles or harness or rider
- **Video examination during exercise is essential to diagnose dynamic problems**

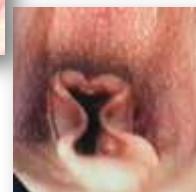


Only at rest, or also during exercise ?

DDSP



rest



Exercise

Dr. Fritz Endoscopy

Axial deviation of aryepiglottic fold

Options for video examination during exercise



University of Zurich, Switzerland



ETL 2 (examination in Leipzig Germany)

High speed tread mill

ETL equine trainings laryngoscope

Dr. Fritz Endoscopy

Equine Trainings Laryngoscope ETL 2

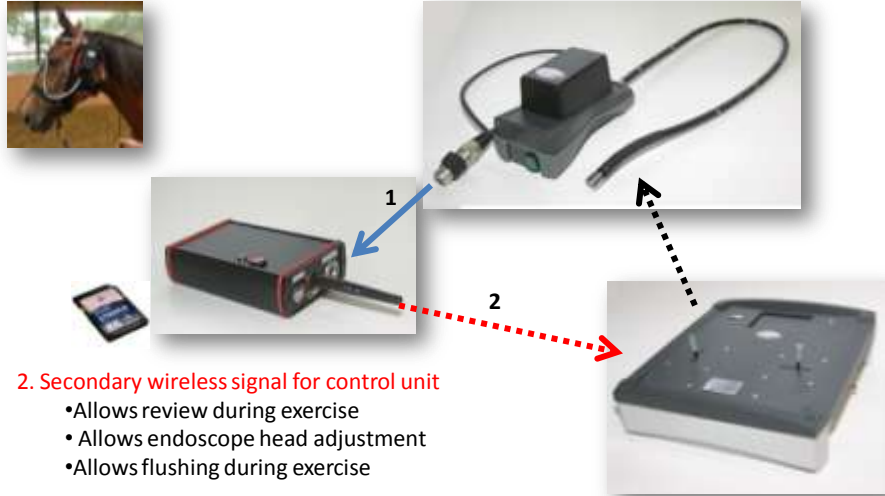


Older units were larger, saddle mounted or on backpacks

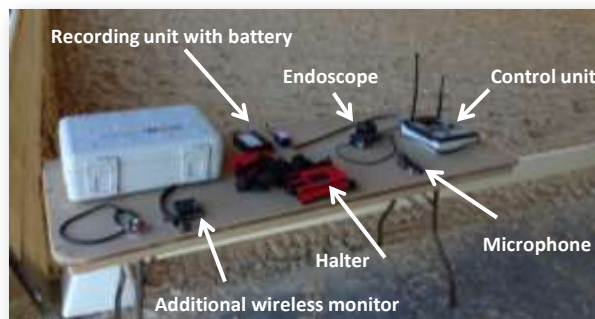


High resolution digital LED video endoscope
 Light weight - 100% halter mounted

1. Records high resolution video and audio data (stored on removable SD card)



ETL examination



ETL halter placement



After endoscope placement:
Endoscope head adjustment

Ready to go!



Instant reviewing
Remote endoscope head adjustment as needed

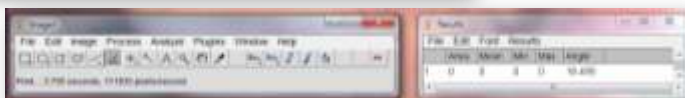
Next please...



Manual irrigation
(Remote system available)

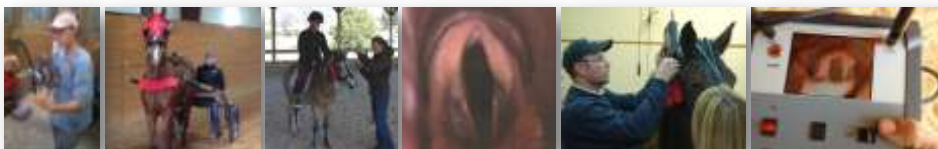


Data analysis



ETL2: key features

- 100% head mounted system
- Applicable under natural exercising condition
 - With rider, sulky, harness; ponies etc.
- Remote endoscope head adjustment
- Wireless instant reviewing
- Remote irrigation system
- LED digital technology with impeccable image quality
- Sound recording
- Convenient data transfer with SD memory card
- ECG recording optional



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