

FEES

Fiberoptic Endoscopic Evaluation of Swallowing



What are the benefits of FEES?

The FEES procedure provides information that enables the examiner to evaluate swallowing disorders (dysphagia) and make important suggestions to the patient that will allow them to practice safer swallowing. The endoscope passes trans-nasally into the pharynx so the swallow can be viewed on a monitor. The examiner is also able to record the patient's response. The procedure also provides immediate, continuous, uninterrupted visual-bio feedback. In addition to providing helpful information, the standard ATMOS FEES system is portable to the bedside, has no exposure to radiation, uses no barium, can assess fatigue, and saves costs for facilities.



What is FEES?

FEES stands for Fiberoptic Endoscopic Evaluation of Swallowing and is a procedure which uses endoscopy to evaluate the pharyngeal stage of swallowing and diagnose dysphagia. FEES is often preferred over Modified Barium Swallow because it is less expensive, more convenient and can test for more problems. The purpose of the FEES procedure is to diagnose the pharyngeal stage of dysphasia, to determine the causes of it, and to be able to make recommendations enforcing safe and efficient swallowing.

Standard FEES only System components:

- Aluminium case
- Cam 21 DV and Camera head
- LS 21 LED Lightsource
- Naso-pharyngoscope
- MedDoc Software & Foot pedal
- Laptop (not provided by ATMOS)





Your ATMOS Configuration for FEES



Aluminium Case for ATMOS Cam 21 DV (and ATMOS Strobe 21 LED)	950.0175.0
(1a) ATMOS CAM 21 DV	507.4120.0
<ul style="list-style-type: none"> ■ Digital output via Firewire (IEEE 1394) ■ High-resolution 1/3" CCD camera with high light sensitivity for endoscopy, microscopy and videostroboscopy; camera head with integrated video adapter and digital zoom up to factor 1.7 ■ cable length camera head-control unit: 6.6 ft (2m) ■ ENT-optimized application adjustment due to selection of 4 light sources as well as 4 application parts ■ automatic white balancing and manual white balancing with storage ■ weight of camera head incl. cable: 0.5 lb ■ 100-240V~, 50/60 Hz; ■ incl. US power cord, video cable, Firewire cable 	
(1b) ATMOS LS 21 LED Light source	507.4600.0
<ul style="list-style-type: none"> ■ For direct connection on endoscopes and laryngoscopes ■ with power white-light LED 2 Watt / 50 lumen ■ low operating costs due to lamp durability of approx. 10.000 hours ■ connection: Wolf adapter with quick coupling ■ cable length: 1,90 m 	
(2) ATMOS Naso-pharyngoscope	950.0175.0
<ul style="list-style-type: none"> ■ Ø 3,4 mm, L = 320 mm, with removable light guide cable ■ direction of view: 0° ■ angle of field of view: 80° ■ depth of focus: 1 - 50 mm ■ angle: 130° / 130° ■ light guide cable: Ø 3.5 mm, L =1800 mm Storz connection ■ Leakage testing device ■ Transport case 	
(3a) ATMOS MedDoc software (without Laptop)	700.0015.1
with patient data base, video and image recording control, easy to handle video cutting programme, elaborate import and export functions; automatic generation of standard documents.	
(3b) Foot switch for ATMOS MedDoc software (start/stop recording)	507.3214.0
Techsupport for 12 months	SR83010

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