

lingWAVES 4 Endoscopy/FEES

WEVOSYS

lingWAVES 4 - modular system

lingWAVES 4 is a new modular system and offers specialized suites for different clinical applications, first released in 2020. It is a complementary system with software application and tested hardware components, based on latest soft-/hardware and security standards with continuous development and high level customer support, recent information see also [lingWAVES 4](#).

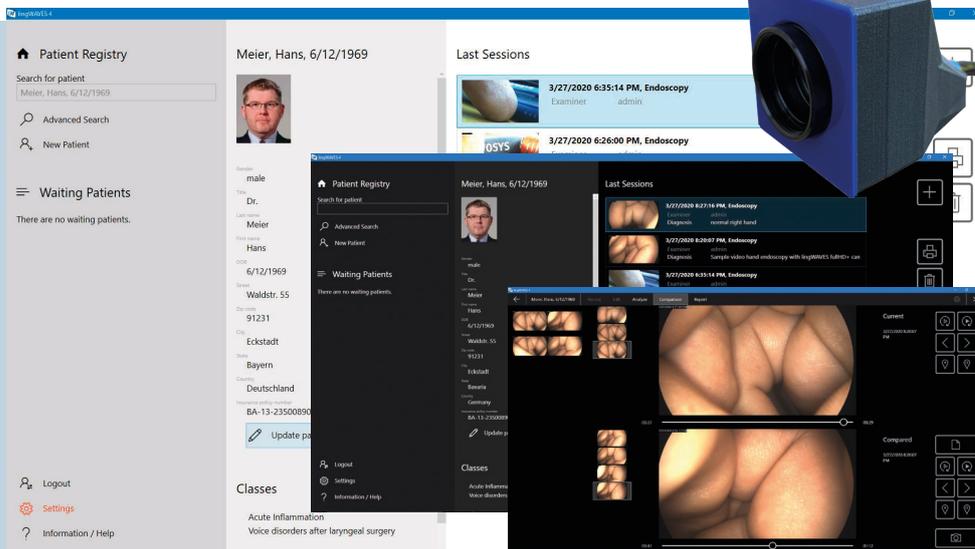
Endoscopy/FEES Suite

The lingWAVES 4 Endoscopy/FEES system is a high-performance and high-quality application for all clinical types of endoscopy and FEES/swallowing assessment in the field of laryngology/ENT. Using latest video hardware the system offers brilliant video/imaging quality in fullHD+ with best color performance. The compact hardware architecture enables customers to use the system mobile and flexible. The suite includes:

- ▶ lingWAVES 4 Endoscopy/FEES app, with endoscopy video + snap module, 2 license (assessment & viewer station), TCP/IP network ready, patient manager, fast + secure and encrypt-



Touch enabled user interface



lingWAVES 4 black/white mode, modern client management, secure & fast database, clinical workflow

- ed patient database for Windows 10
- ▶ fullHD+ camera with video adapter
- ▶ USB powered LED light source
- ▶ Colored USB foot switch

Workflow Application

The lingWAVES 4 Endoscopy/FEES application was especially made for easy user interactions and a fast clinical workflow with a high level of client data protection. There are two nearly identical modules included:

1. Module for endoscopy/FEES assessment with **video recording**
2. Module for endoscopy/FEES assessment with **picture snapping**

lingWAVES 4 is one of the most modern application for endoscopy assessment worldwide and comes with a complete new touch enabled black or white user interface. Arabic or Hebrew user can change the reading/flow mode to there natural reading direction right-to-left.

fullHD+ USB Camera

The included fullHD+ camera is based on **global shutter** technology that allows endoscopy as well as stroboscopy recordings with high quality imaging.

If you still own a stroboscopy light source you may use it with the lingWAVES 4 endoscopy app or you may upgrade to a stroboscopy module from WEVOSYS.

The fullHD+ camera uses a modern USB 3.1 connection for flicker-free recording with up to 60 fps at 2.048 x 1.356 pixel - 2,8 Mio pixel, standard mode fullHD 1.920 x 1.020 pixel at 30 fps.

A standard video adapter enables users to us rigid or flexible fibre optic endoscopes.

The new LWCAM from WEVOSYS offers unique features for **endoscopy, stroboscopy and FEES** recordings. The fullHD+ camera uses a modern USB 3.1 connection for flicker-free recording with up to 60 fps at 2.048 x 1.356 pixel - 2,8 Mio pixel - standard mode fullHD 1.920 x 1.020 pixel at 30 fps.

Key Features

- ▶ lingWAVES 4 app snap + video (record, edit, analyze, comparison, report), TCP/IP secure database client management, usable stand alone or network, 2 license, system requirement: Windows 10, min. 16 GB RAM, i5/i7/i9 processor, 500 GB hard disk, 2 x USB 3.1 & 2.0 - stand: 2020-09
- ▶ fullHD+ USB 3.1 camera max. 2,8 Mio pixel at 60 fps + standard video adapter for rigid/flexible endoscopes
- ▶ USB powered light source
- ▶ Colored USB foot switch
- ▶ Notebook option: Ask for a pre-configured 15" or 17" touch screen notebook ready to run for mobile use
- ▶ more information: www.wevosys.com



WEVOSYS
medical technology GmbH
Kronacher Str. 41
96052 Bamberg, Germany
tel: +49-(0)951-9649-142
www.wevosys.com