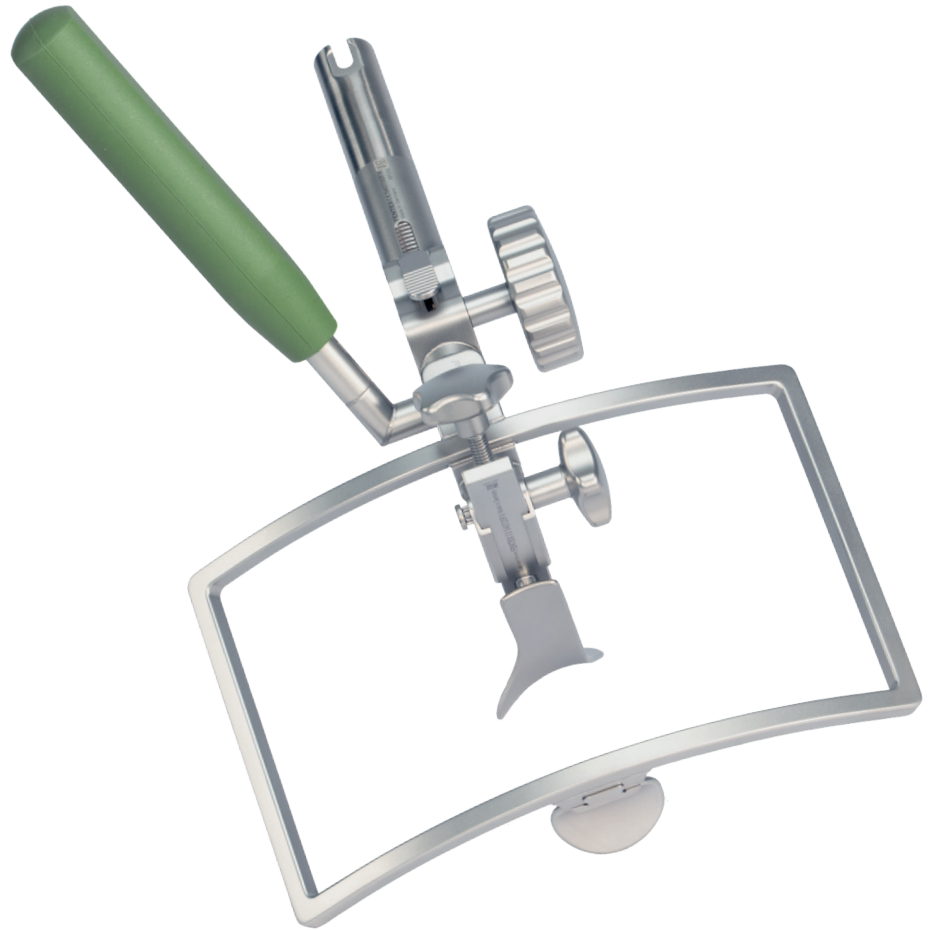


FENTEX
■ ■ ■ *medical*



LARS[®] 2.0 Retractor

Larynx Advanced Retractor System

Introduction

The LARS® (Larynx Advanced Retractor System) represents an open retractor system designed to provide unobstructed access to the affected region of the upper aerodigestive tract.

A truly modular design with a large variety of different tongue blades and other accessories makes this retractor system suitable for a wide range of indications in the surgical treatment of oropharyngolaryngeal lesions. The convex shape and size of the frame itself is adapted to the facial anatomy and provides maximum exposure of the operative field transorally. Ideally suited for TORS (Trans Oral Robotic Surgery) the main retractor frame makes room for the movement of the robotic arms, thus reducing set-up time and time for repositioning in the OR.

Features and benefits

In comparison to conventional operating laryngoscopes, the open LARS® frame system allows an optimal access and visibility of the anatomical region of interest without confining the surgeon to a small laryngoscope tube.

At the same time, it helps with instrument maneuverability due to its large frame and flexible accessories.

The retractor head holding the tongue blade can be adjusted in multiple directions allowing vertical and horizontal movement as well as angular adjustment of the blade.

All accessories or attachments can be added or changed during surgery, without removing the frame from its position.

The surgeon has the advantage of an optimal access and view of the operation site as well as increased maneuverability of instruments – whether the instrument is in the hand of the surgeon or used via robot.

It is suitable for applications with endoscopes, exoscopes and microscopes: The advantage applies to all types of oral procedures.



Highlights

- »» Wide and curved retractor frame
- »» Detachable handle for easy positioning
- »» Extended accessibility and range of motion vs. laryngoscope tube
- »» Optimal visibility of the affected region
- »» Flexible positioning of the accessories to avoid collision or obstruction
- »» Different palatal support options available in respect of the dental status of the patient
- »» Large variety of accessories such as smoke evacuation tube



540700FX Basic Frame LARS® 2.0
 with two palatal elements
 > **handle is detachable**



540760FX Cheek Retractor, pair, WL 4 cm



540761FX Cheek Retractor, pair, WL 9 cm



540762FX Cheek Retractor, pair, WL 11 cm



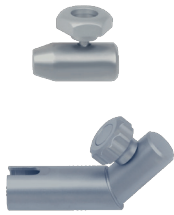
540703FX Clip Bar



540705FX Universal adapter



540706FX Adapter for Cheek Retractors, pair



118927FX Connector for articulated arm

540710FX Connector for Chest Support



540775FX Light carrier



540770FX Smoke Evacuation Tube



540730FX Mandibular blade



540732FX Tongue blade, long, curved



540733FX Tongue blade, curved, with left aperture



540734FX Tongue blade, curved, with right aperture



540740FX Laryngeal blade, short, concave, slightly curved



540741FX Laryngeal blade, long, concave, slightly curved



540742FX Diverticuloscope blade, concave, slightly curved



540743FX Special blade



540725FX TORS blade by Weinstein-O'Malley, small, left



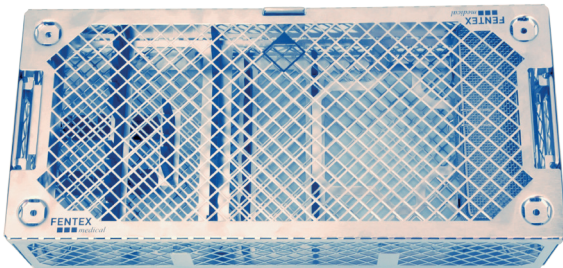
540726FX TORS blade by Weinstein-O'Malley, small, right



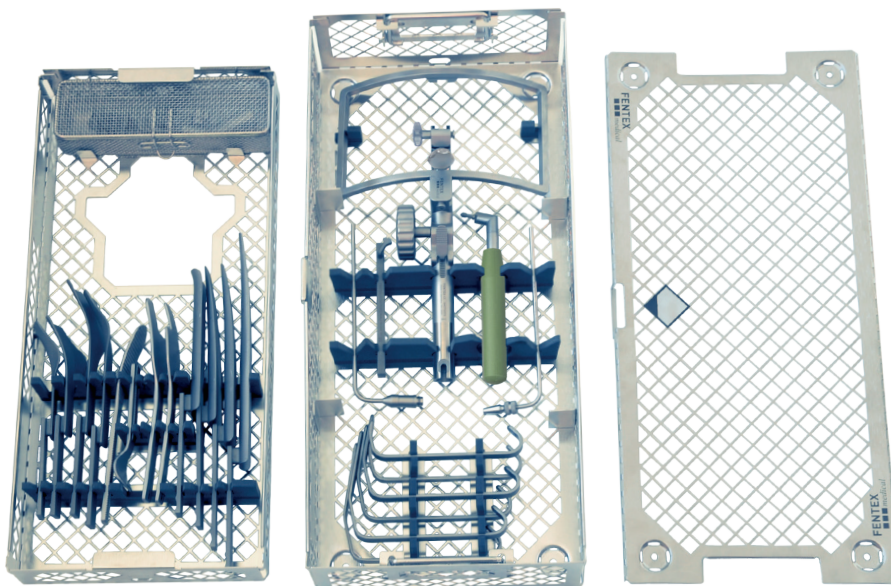
540727FX TORS blade by Weinstein-O'Malley, large, left



540728FX TORS blade by Weinstein-O'Malley, large, right



540780FX Wire Basket for LARS® 2.0
including lid and silicone brackets



Articulated Arm:

- This fixation arm features 3 joints for 3-dimensional movement with a single fixation wheel to freeze the arm in any given position
- Height adjustable column with rail clamp

118960FX Rail Clamping Base
for articulated arm 118970FX

118970FX Articulated arm with L-Column
with central one hand fixation
40 cm



Chest support:

530500FX Chest Support for adults,
support rod 34 cm

530505FX Chest Support for children,
support rod 24 cm



Cheek and Lip Expander:

Ideally suited in combination with the LARS® frame

424200FX Cheek and Lip Expander by Spandex,
small type, autoclavable, Box with 2 pcs.

424201FX Cheek and Lip Expander by Spandex,
large type, autoclavable, Box with 2 pcs.



Teeth Protectors:



896100FX
Camo Teeth Protector,
non-sterile, non-autoclavable

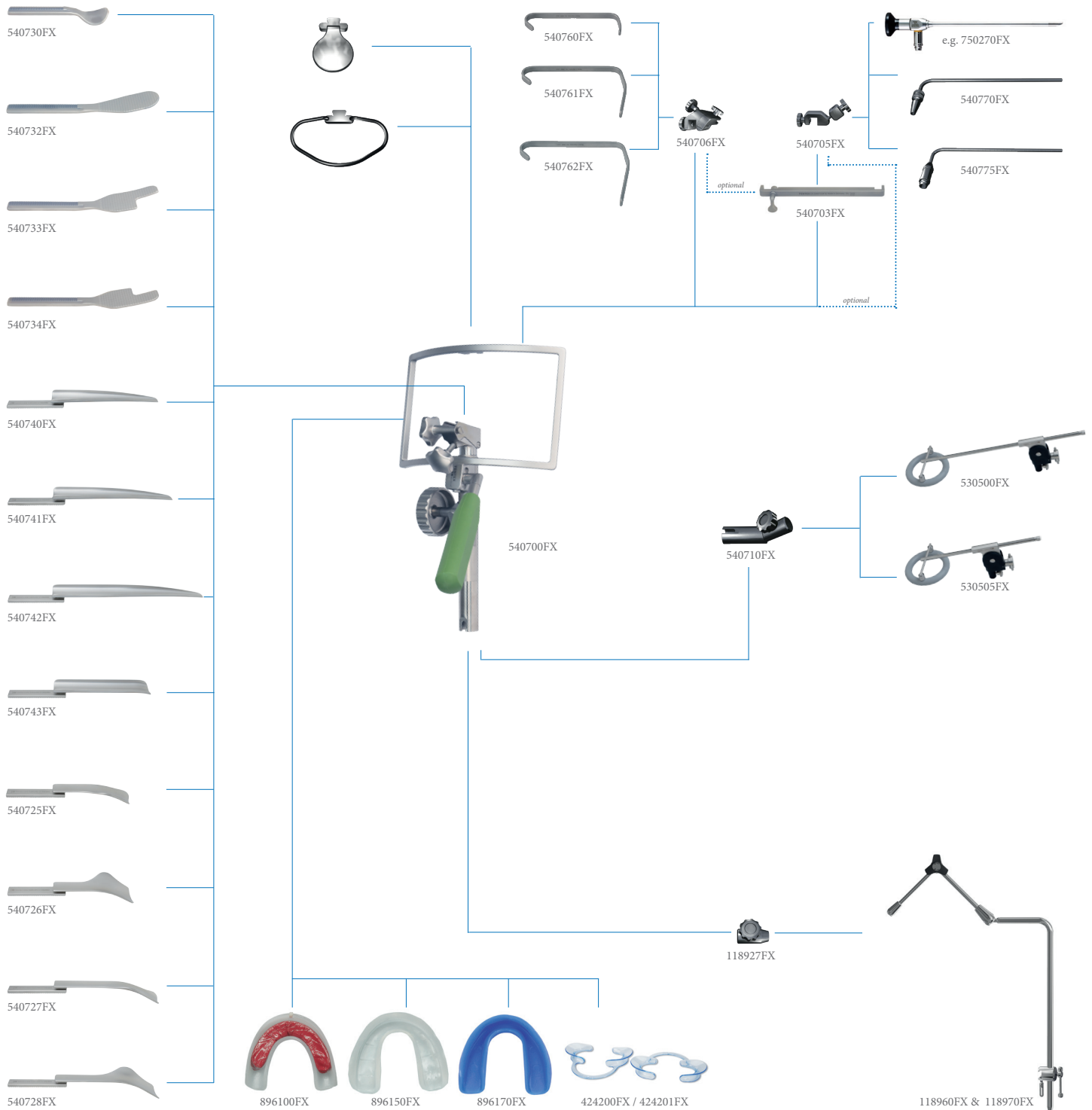


896150FX
Teeth Protector,
non-sterile, non-autoclavable



896170FX
Medasil Teeth Protector
non-sterile, non-autoclavable
pack of 20 pcs.

System overview



LARS® 2.0 Retractor

Larynx Advanced Retractor System

FENTEX medical GmbH is a medical company specializing in manufacturing and marketing of surgical instruments and endoscopy systems for ENT and Head & Neck surgeons. It is located near Tuttlingen, the world renowned „Silicon Valley“ of surgical instruments.

FENTEX instruments and endoscopes are primarily made in Germany. High quality components and attention to detail all in combination result in precision, dependability and durability of FENTEX products.



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