

The VITOM® Colposcope

A visualization system for colposcopy
and loop electrosurgical excision



VITOM® for Colposcopic Evaluations

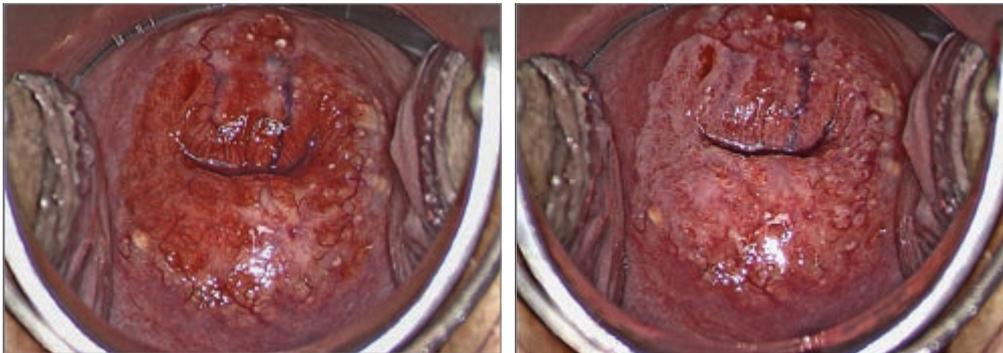
During a colposcopic evaluation, conspicuous areas in the cervix, vagina and the vulva can be examined more closely with the help of the VITOM® system. The magnification of images makes inflammatory changes, dysplasia and atypical vessels visible. In addition, the integrated green filter allows a clearer identification of vascular structures and better contrast against their surroundings.

Colposcopy with the VITOM® system allows a good correlation with histological findings in high-grade cervical neoplasia (HSIL) and provides an excellent magnification aid when performing loop excisions in the operating room. Furthermore, the VITOM® can make the intervention easier for the surgeon.

Depth of field, contrast, magnification and color reproduction play a decisive role in colposcopy. These requirements are fulfilled by the VITOM® extracorporeal visualization system.

Using the VITOM® system

The VITOM® system comprises an exoscope that is placed at a working distance of 20-75 cm above the surgical field. The VITOM® is a modular colposcope and provides the physician with a range of application areas.



Colpophotograms documented with the VITOM® system of a 32-year-old patient with cytologically suspected HSIL (group IVa-p) and evidence of RNA of a high-risk (HR) type. On the left in the unenhanced image, a highly vascularized transformation zone is visible colposcopically; after the application of 5% acetic acid (on the right), it is classified as a type 2 atypical transformation zone with major change consistent with a high-grade squamous intraepithelial lesion (HSIL). A biopsy at 7 o'clock near the squamocolumnar junction was classified as CIN 3 (HSIL).

Compatibility of the VITOM® Colposcope

The VITOM® colposcope, consisting of the VITOM® telescope and a holding system, can be used with a compact all-in-one solution such as the TELE PACK+ or a standard KARL STORZ endoscopy tower. In addition to laparoscopic interventions, the camera components can be employed for loop excisions as well as hysteroscopy.

With the help of the VERSACRANE™ holding system or the mechanical holding arm from KARL STORZ, the VITOM® can also be easily adapted to gynecological chairs and OR tables from various manufacturers.

Outpatient hysteroscopy

Thanks to its modular design, the VITOM® system can easily be expanded for use in outpatient hysteroscopy. All that is needed is a hysteroscope (e.g., CAMPO TROPHYSCOPE® or BETTOCCHI® hysteroscope) in addition to an irrigation pump (e.g., ENDOMAT® SELECT or HAMOU® ENDOMAT®). Hysteroscopies can be easily performed in outpatient settings with the existing TELE PACK+, TELE PACK X or IMAGE1 S™ camera system and compatible camera heads.

This modular system allows the cost-efficient combination of colposcopic evaluation and outpatient hysteroscopy so that the physician is able to offer patients a wider range of services.



Using the VITOM® in the OR

The VITOM® 90° telescope is suitable for the visualization as well as the documentation of loop excisions and delivers high image quality.

Benefits of the VITOM® colposcope

Due to its slim and compact design, the VITOM® system minimizes space requirements in the OR and simultaneously provides a good overview of the surgical field.

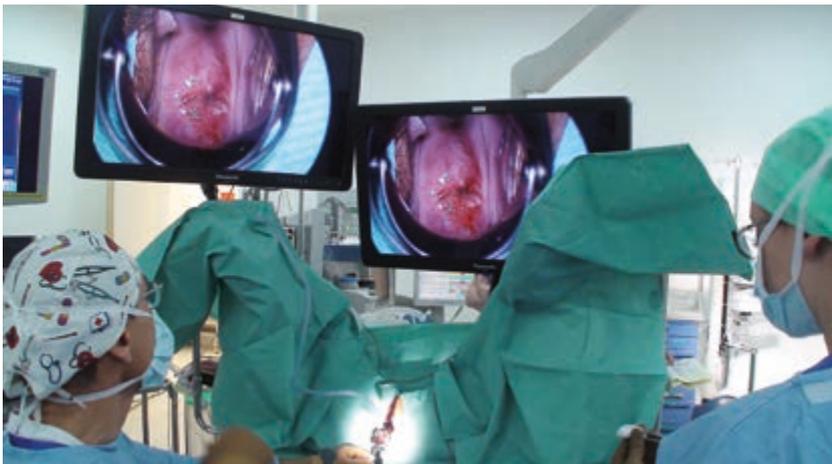
The operating surgeon views the site in high resolution on a FULL HD monitor. This allows the surgeon to work ergonomically and also permits straightforward and comprehensive documentation. Furthermore, the monitor enables the entire surgical team to view the procedure on the monitor.

The VITOM® colposcope is also very useful for job shadowing and the training of residents and students as the view of the surgical field is not blocked by the operating surgeon or the OR staff.

In addition to loop excision, the VITOM® can also be used in the OR for the visualization of both open and vaginal interventions.

Further benefits of the VITOM®

- Variable magnification from 7.5x to 15x and higher
- Direct image documentation possible
- Precise positioning of the VITOM® telescope and camera head with only one hand
- Minimal space requirements thanks to compact design
- Visualization of site for training and/or consultation purposes
- Can be used for evaluation of the endocervix



Using the VITOM® colposcope for visualization during surgery



For more information,
please scan the code

As Setup for Outpatient Settings

The VITOM® colposcope can also be used with the TELE PACK+ all-in-one system from KARL STORZ in outpatient settings. The TELE PACK+ combines a monitor, LED light source, FULL HD camera control unit and documentation unit with integrated network function in one portable, compact unit. This can be easily integrated into any doctor's office or outpatient setting. In addition to the TELE PACK+, you only require a VITOM® telescope and a holding system in order to perform a colposcopy.



TP101	TELE PACK+
TH110	IMAGE1 S™ HX One-Chip FULL HD Camera Head
UG803	Subrack, COR mobile stand, low
UG811	Top Cover Monitor Holder, COR mobile stand
UG857	Monitor Module, COR mobile stand
UG854	Stainless Steel Tube, length 400 cm
UG862	Drawer, wide, COR mobile stand

VITOM® Telescope 90° 26013VDA



26013VDA **VITOM® Telescope 90° with Integrated Illuminator, VITOM® HOPKINS®** telescope 90°, working distance 25-75 cm, length 11 cm, **autoclavable**, with green filter for colposcopy and incorporated fiber optic light transmission and condensor lenses, color code: blue

495TIP **Fiber Optic Light Cable, diameter 4.8 mm, length 300 cm**

VERSACRANE™ Holding System



- 28272GS **VERSACRANE™ Holding Arm, low**
- 28272GM **Mobile Stand, for use with VERSACRANE™ Holding Arm 28272GS**
- 28272UGN **Clamping Jaw, metal, clamping range 16.5 up to 23 mm, with quick release coupling KSLOCK (male), for use with all square-headed KARL STORZ HOPKINS® telescopes**
- 28272CN **Clamping Cylinder, folding, for flexible mounting of 10 mm telescopes to telescope sheath**
- 041150-20* **Cover, with elasticated tip, sterile, for single use, package of 20**

Mechanical Holding System

- 28172HR **Rotation Socket, to clamp to the operating table**
- 28272HD **Articulated Stand, U-shaped**
- 28272UGK **Clamping Jaw, with ball joint, large**
- 28272CN **Clamping Cylinder, folding, for flexible mounting of 10 mm telescopes to telescope sheath**



Note: For a fully functional system, an order must be placed for all four components.



Loop Electrodes for Conization



26520043 **Electrode Handle**, with 2 buttons for activating the unipolar generator, yellow button: unipolar cutting, blue button: unipolar coagulation, High Frequency Cord **26520045** required

26520045 **High Frequency Cord**, for Electrode Handle **26520043**, length 400 cm, for use with AUTOCON® II 400 SCB **20535220-111** and AUTOCON® III 400 UH400



26165UG

Loop Electrode, with insulated sheath, **autoclavable**, size 22 x 17 mm, working length 11 cm



26165UM

Loop Electrode, with insulated sheath, **autoclavable**, size 15 x 13 mm, working length 10 cm



26165UK

Loop Electrode, with insulated sheath, **autoclavable**, size 10 x 8 mm, working length 9 cm



26165RK

Ring Curette, bayonet-shaped, 45° curved upwards, very sharp, diameter 5 mm, with round handle, working length 16 cm

It is recommended to check the suitability of the product for the intended procedure prior to use.
Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.

More than
75
Years

*Shaping the Future
of Endoscopy with you*

STORZ
KARL STORZ—ENDOSKOPE

THE DIAMOND STANDARD

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