



Our Colposcopes

Performance and ergonomics



PRESENTATION OF OUR COLPOSCOPES

Our ergonomics



Vertical post colposcope

→ Adapted to small rooms



Swing arm colposcope

→ For the ease of use

→ Adaptable on Schmitz chair



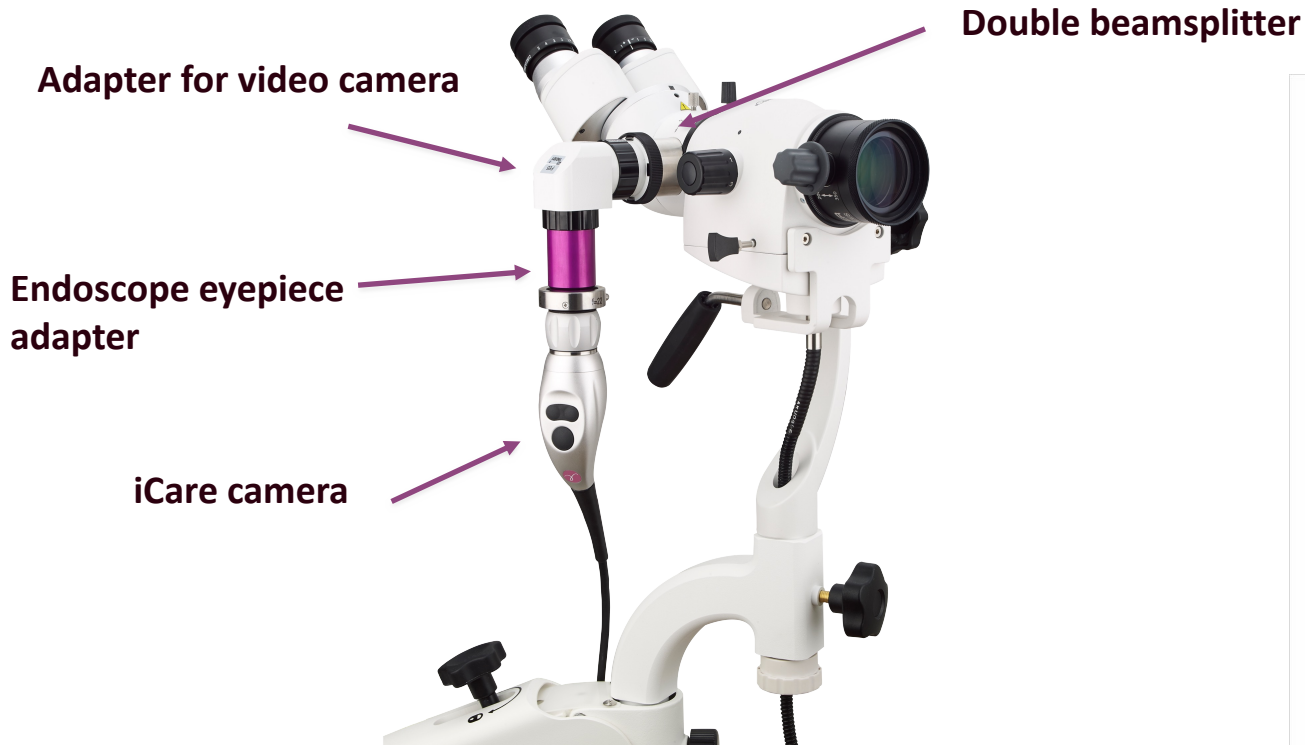
Over the shoulder colposcope

→ Adapted to operating theater

Colposcope head



Connection with iCare



Colposcopy report
07 September 2020

Dr S. Davis
delmont imaging

Sylvie Florent
Born 14 June 1977

LMP: 18/06/2020
Gestty: G0
Parity: P0
HPV vaccine: Yes
Tobacco use: No
Treatment: None
Liaison physician: Dr Marie Dupont
Indication: Post-coital metrorrhagia
Previous cytological or virological results: -
History of previous treatment: None
Previous histological results: -

Colposcopy aspects: TAC2a
Transformation zone: totally well seen Type 1 T2
Number of quadrants concerned: 3 quadrants
Location of major cervical lesions: 11 o'clock anterior lip 7 o'clock posterior lip
Aspect of the vagina: Normal
Location of vaginal lesions: -

Biopsy: Performed
Biopsy location: 7 o'clock posterior lip 11 o'clock anterior lip
Endocervical curettage: Non-performed
Biopsy result: (waiting for results)
Comments: -

Course of action and conclusions: Satisfying colposcopy
TAC2a with surrounded glands orifices
Biopsy results X2

Dr S. Davis
(Signature)

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Photos and videos

The **camera adapter** allows the connection of a camera on the colposcope. The **video camera adapter** allows the connection of a GoPro or a video camera (iCare for instance) in order to take photos and videos.

Examples of compatible cameras:

- Nikon D3300
- Canon EOS Rebel T

We offer the last model in our catalog. Transferring photos and videos taken by these cameras can be done in various ways (cable connected to a PC, Wi-Fi, SD card).



Our strenghts

Our colposcopes have many assets:

- Large range of ergonomics and accessories → highly customizable
- Optic components of very high quality → exceptional image definition
- Green filter → essential functionality
- Variofocus available from 200 to 350mm → allows sharpness at the cervix and at the vagina walls without moving the colposcope
- Compatibility with our iCare camera and imagyn application → complete and aesthetic colposocpy report rapidly



THE COMPETITION

KAPS – binocular colposcopes

KAPS offers the KP 3000/3000 S
& SOM 52/42 :



1e

The 

- Adaptable to chair
- Manual or automatic (motorized) variofocus on the swing arm colposcope

The 

- No variofocus on the small model
 - Price
- Quality of the software & report



ATMOS – binocular colposcope

ATMOS offers i View 21/31 :



The 

- Adaptable on chair or on a vertical post
- Measuring scale



The 

- No swing arm ergonomic
- No dedicated software
- No objective with variable focales

Schmitz – video colposcope

Schmitz offers the VIDAN II :



The 	The 
<ul style="list-style-type: none">- Automatic focus	<ul style="list-style-type: none">- No laser adapter- No 3D vision- Price

KAPS – video colposcope

KAPS offers the Vico S HD :



The 

- Manual or automatic focus
- Adaptable on chair

The 

- No 3D vision
 - Price
- Quality of the software & Report





COLPOSCOPE ASSEMBLY

Swing arm colposcope (1/4)

1



Insert the main post into the base with rollers

- **Screw the post under the base with casters.**

2



Assembly the first swing arm to the main post

- **Screw the two parts.**

3



Assembly the second swing arm

- **Pull the white Pull-tab to allow the insertion.**
- **Tighten the two screws to complete the assembly.**

Swing arm colposcope (2/4)

4



Assembly the colposcope head

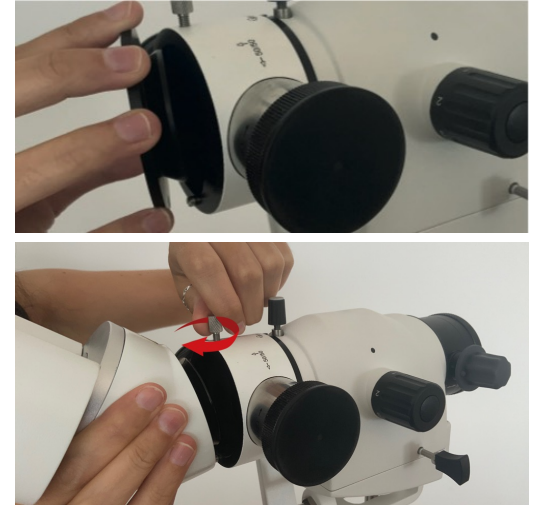
- **Tighten the two screws to complete the assembly.**

5



Screw the beamsplitter (optional) to the head

6



Assembly the binocular head to the beamsplitter

- **Remove the protective cover of the beamsplitter.**
- **Assembly and screw the binocular head.**

Swing arm colposcope (3/4)

7



**Assembly the video camera
(optional)**

- Remove one of the two covers unscrewing the clamping ring.
- Place the video camera adapter and screw back the ring.

8



**Screw the endoscope eyepiece
adapter (optional)**

9



Connect the iCare camera

Swing arm colposcope (4/4)

10



Connect the light cable between the light source and the colposcope head

- **Slide the cable through the two dedicated cable tubes.**

11



Connect the power cable under the light source

- **Connect the plug to a power outlet.**

12



Adjust the balance of the colposcope

- **Turn the wheel. The adjustment is correct when the position of the colposcope can be changed « with one finger».**

Vertical post colposcope

- The assembly is basically the same:
 - Assembly of the vertical post to the base with casters.
 - Assembly of the colposcope head directly to the post.
 - The rest is identical with the assembly of the swing arm colposcope.



During the assembly, do not loosen the knob shown aside (which allows the colposcope height adjustment) as long as the colposcope head is not inserted into the base!





COLPOSCOPE USE

Use of the colposcope (1/2)

1



Switch on the colposcope

- Turn on the colposcope by pressing the ON/OFF button under the light source.

2



Adjust the luminosity

- Switch on the light source with the dedicated button and adjust the light intensity using arrows buttons.

3



Adjust the diopter

- Adjust the diopter on 0 or suggest the doctor to adjust it according to his/her vision (see quick-start file).

Use of the colposcope (2/2)

4



Focus

- Position the colposcope to the desired height and distance (ideal working distance with the cervix around **30cm**) and set the magnification knob on position 1.
- Focus with the variofocus.

5



Green filter

- When needed, pull the Pull-tab to activate the green filter.

Operation with iCare

Focusing

- Place the colposcope at about 30cm in front of the visualization site. Set the magnification knob on position 1.
- Focus on the visualization site with the variofocus (1) while looking into the binoculars.
- Focus, looking at the image on the screen, with the focus rings (2) and (3).



Once the focus is achieved, do not manipulate the focus rings (2) and (3) anymore. During the examination, only manipulate the variofocus knob (1).



Other particularities

- Switch on the iCare light source without connecting a light cable in order to remove the « Please switch on the light source » message on the screen.
- Do the white balance of the iCare camera switching on the colposcope light source.