

Plasmasurgery with VIO[®] 3 / APC 3 and APCapplicator for ablation in Ovarian Endometriosis



Ideal setup for gynecology

Workstation with units for electrosurgery 01 VIO[®] 3, plasmasurgery 02 APC 3 and smoke evacuation 03 IES 3



Contact-free argon plasma coagulation with the APCapplicator:
Efficient, homogenous coagulation with limited penetration

Argon plasma coagulation (APC) is suitable for surface ablation of the inner layer of an ovarian endometrioma.¹

APC should be applied until the hemosiderin-stained surface of the inner cyst margin is no longer visible, as indicated by a color change from reddish to whitish-yellow,⁴ whereby the tissue effect depends on the distance of the plasma beam to the tissue³, the duration of application and the effect setting.

For larger endometriomas, APC can be used to ablate remnant endometriotic tissue following conventional cystectomy.²



"The conjunction of deep lesion excision and APC for superficial ablation is a crucial way to completion of endometriosis conservative surgery. Instead of ovarian cystectomy, opening plus APC superficial ablation of cyst wall is pivotal to preserve ovarian function in small ovarian endometriotic cyst."

Assoc. Prof. Dr. Amphan Chalermchokcharoenkit



"APC technology achieves clinically acceptable hemostasis in ovarian endometrioma with minimal damage to ovarian tissue."

Hospital BP – A Beneficiencia Portuguesa de Sao Paulo – Gynecology Team



"A challenge in ovarian surgery, especially in endometriomas, is the risk of compromising the ovarian reserve. In comparison to the CO₂-Laser Argon-Plasma-Coagulation (APC) to me represents a promising alternative. With APC it is possible to ablate the inner lining with a penetration depth of < 1 mm without compromising healthy ovarian tissue."

Prof. Dr. mult. h.c. Hans-Rudolf Tinneberg



The advantages of argon plasma coagulation with forced APC

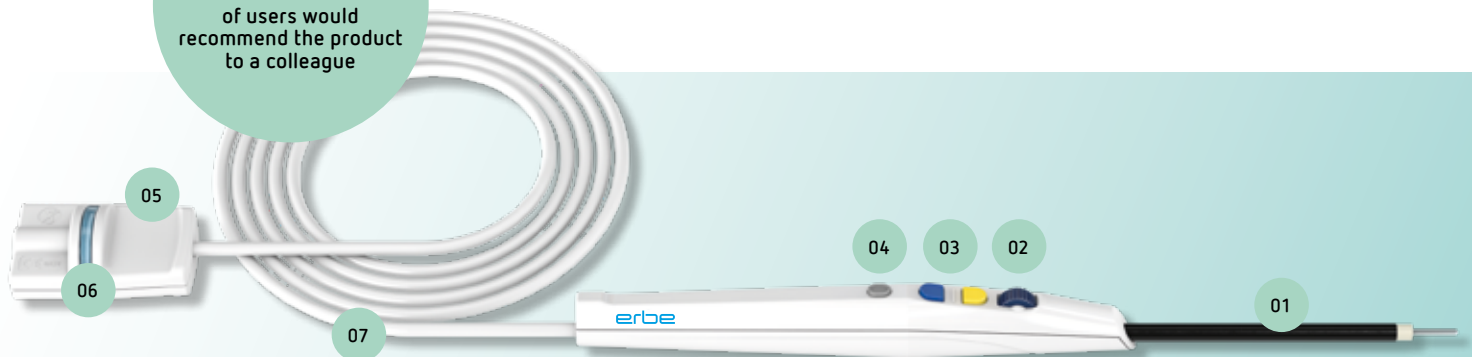
- Contact-free and efficient homogeneous coagulation
- Limited penetration depth
- Rapid surface coagulation



Mode forced APC: provides effective coagulation with desiccation of the tissue. The depth effect is decreased by the rapid desiccation of the tissue.

93 %

of users would recommend the product to a colleague



For laparoscopy:

APCapplicator, 350 mm shaft, spatula electrode, No. 20132-254

APCapplicator, 350 mm shaft, needle electrode, No. 20132-255

References:

1-4 Working group of ESGE, ESHRE and WES: Saridogan E, Becker CM, Feki A et al. Recommendations for the surgical treatment of endometriosis-part 1: ovarian endometrioma. *Gynecol Surg* 2017; 14: 27

5 Current patents: <https://www.erbe-med.com/ip>

APCapplicator – Ergonomics and handling

With APCapplicator, you can operate all functions directly using the buttons. The handle is also lightweight and practical, and most importantly convenient. Plug and operate means: simply insert the instrument and get started.

01 SHAFT TUBE

Electrode length can be infinitely adjusted (0–14 mm) with the working distance remaining unchanged

02 ROTARY WHEEL

allows the shaft to be extended and retracted

03 CUT-/COAG BUTTONS

04 REMODE® BUTTON

Enables toggling between individual program settings and modes

05 INSTRUMENT DETECTION

Insert the APCapplicator and start working; preset experienced starting settings

06 INTEGRATED MEMBRANE FILTER

Patented safety design⁵

07 FLEXIBLE CONNECTING CABLE

Improved handling – Working “virtually without a cable”

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