

Bipolar Forceps

Non-Stick Bipolar

Rose Gold Bipolar Forceps Rose Gold plated tips are characterized by a high conductivity and therefore offer very good non-stick behavior.

Disposable Rose Gold Bipolar Forceps The disposable single use Rose Gold forceps are always new and ready to go and like the reusable Rose Gold forceps, have very good non-stick behavior.

BiProtect Bipolar Forceps Ceramic insulated tips allow for particularly targeted and precise coagulation of the tissue.

Bipolar [electrosurgery](#) in the minimally invasive endoscopic surgery theater has been traditionally limited to the use of standard bipolar forceps, which are minimally versatile, have a limited range of motion, and are associated with visualization and handling constraints. The authors designed a novel surgical device system in which commonly used surgical instruments (suction, microscissors, micrograspers, and dissectors) co-function as individually insulated and modular electrodes for bipolar electrosurgery. In this feasibility study, the successful use of these prototypes in endonasal endoscopic transsphenoidal surgery was demonstrated on 2 human cadavers, and in an in vivo arterial coagulation model on 2 live rats. This prototype system provided improved bipolar instrument mobility, minimized the requirement to exchange surgical instruments when performing electrosurgery, and allowed for new maneuvers that optimized surgical workflow, such as the ability to suction blood and smoke while cauterizing. This multifunctional bipolar cautery system may improve surgical efficiency and workflow and facilitate surgical microdissection and electrocautery during minimally invasive, endoscopic, robotic or traditional open surgery ¹⁾.

see [robotic forceps](#)

Aesculap

[Yasargil Style Bipolar Forceps](#)

<https://www.aesculapusa.com/products/neurosurgery/bipolar-forceps> Range from the classic Yasargil style, with increased tension for tissue preparation, to Rose Gold Forceps Aesculap offers a wide variety of Rose Gold Tip Forceps including:

Scoville, Cushing, Hardy, Adson and Malis Designs, Straight and Bayonet Styles, Jewelers and Semkin Design, Microform Handle Designs, Reverse Action Designs, and Minimally Invasive (MIS) Designs, offering the latest technology in the reduction of tissue adhesion.

Bipolar Forceps are available in irrigating and non-irrigating, stainless steel or titanium, straight or bayoneted, insulated or non-insulated, and reusable or disposable.

BOWA-electronic

<http://www.bowa-medical.com/en/products/instruments/bipolar-forceps.html>

Covidien

[Covidien](#)

DePuy Synthes

Spetzler-Malis Disposable Bipolar Forceps

Kirwan

Surgical's Liberty AURA Elite Non-Stick Disposable Bipolar Forceps

Stainless

Titanium... <http://www.ksp.com/our-products/reusable-bipolar-forceps.aspx>

Scanlan

<http://www.scanlaninternational.com/instrumentation/specialtyinstruments/bipolar-forceps/>

Sutter

<http://www.sutter-med.de/products/bipolar-forceps>

Stryker

SilverGlide bipolar forcep technology is proprietary. It reduces the molecular bonding force and helps eliminate hot spots on the forcep tips. The level of thermal diffusivity of the silver alloy is significantly higher than that of stainless steel commonly used in standard forceps.

Storz*

Codman*

V. Mueller*

Mentor*

ASSI*

SSI*

Olsen*

MSI Precision*

Katena*

Ambler*

Titan Surgical*

Scanlon*

Jarit*

Integra*

Ruggles*

Redmond*

Elmed*

Medtronic*

¹⁾

Mittelstein D, Deng J, Kohan R, Sadeghi M, Maarek JM, Zada G. Novel technique of a multifunctional electrosurgical system for minimally invasive surgery. J Neurosurg. 2016 Apr 29:1-6. [Epub ahead of print] PubMed PMID: 27128589.

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