

01 高端医疗,天鹰领航 Aquila Introduction





广州市天鹰精密工具有限公司是由集研发、生产、销售为一体的高新技术企业及科技型企业。公司成立于1990年,坐落于广州番禺,占地面积约13000平方米。公司以"为社会提供更高端的医疗器械!为医生减轻体力负担!为病人减轻痛苦"为使命。

Aquila Medical is a manufacturer with more than 35 years of experience in developing high-precision tools.

We specialize in orthopedics, neurosurgery, joint systems, spine, trauma, sports medicine, dentistry, ENT, and OEM custom medical devices and products.

We have passed ISO 13485, FDA and CE certification, the factory is located in Panyu, Guangzhou, all products are made of the best quality materials, with advanced production equipment.

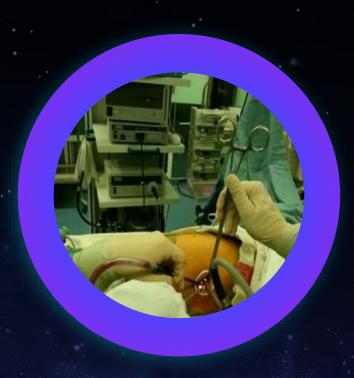
12 微创腹腔手术 目前痛点







Due to the relatively small operating space and limited Angle, it is difficult to effectively reach the surgical location.



采用传统的直杆器械,无法进 行精细的解剖与游离操作。

It is impossible to perform fine dissection and free operation with traditional straight instruments.



传统手术器械给医生的操作带 来了不便。

Traditional surgical instruments bring inconvenience to the doctor's operation.

13 天鹰 万向钳研发背景 Background





Minimally invasive

单孔腹腔镜技术作为现代腹腔科的重要 里程碑,以其创伤小、恢复快、疼痛轻 等优势,逐渐成为腹腔科手术的主流选 择。

As an important milestone in modern abdominal surgery, single-hole laparoscopy has gradually become the mainstream choice of abdominal surgery for its advantages of less trauma, faster recovery and less pain.



Flexible & accurate

而**天鹰万向钳**在是此基础上的一次 重要突破,为单孔腹腔镜手术提供 了更为灵活、精准的手术 工具。

Aquila universal forceps is an important breakthrough on this basis, providing a more flexible and accurate operation for single-hole laparoscopic surgery instrument.

04 万向钳升级产品 Upgrade products









天鹰 万向钳独特外观设计

Unique appearance design

全绝缘新型控制手柄,安全性能卓越

Fully insulated new control handle with excellent safety performance

全绝缘新型控制手柄 New fully insulated control handle



105 天鹰 万向钳独特外观设计 Unique appearance design

符合人体工程学的握持设计,可单指操控,可与电刀同时操作

Ergonomic grip design for single-finger control and simultaneous operation with electric knife.



05 天鹰 万向钳独特外观设计

Unique appearance design

可复消设计,成本可控,使用更放心

Reversible design, cost control, more assured use



05

天鹰 万向钳独特外观设计

Unique appearance design

全新齿轮导向, 实现不同角度转向

New gear guide for different Angle steering.





05

天鹰 万向钳独特外观设计

Unique appearance design

钳头头部采用硬关节,手柄部位置一键锁住功能,方便操作者同时进行部位提拉、咬合。

The head of the forceps head adopts hard joint, and the position of the handle part is locked by a key, which is convenient for the operator to lift and bite the part at the same time.



□6 天鹰 万向钳独特结构设计-----万向调节功能

Unique structural design ----- universal adjustment function

关节可弯, 360°旋转,医生在狭小空间也能精准操作

The joints can bend, 360° rotation, doctors can operate accurately in tight Spaces.





∩ 6 天鹰 万向钳独特结构设计-----万向调节功能

Unique structural design ----- universal adjustment function

多达17种钳型可选,满足不同术式使用需求

The forceps head part has up to 17 kinds of forceps design, respectively, tissue forceps, needle holding forceps, scissors, etc., applied to different departments: abdominal cavity, thoracic cavity, oncology, to meet a variety of needs in the surgical process. The doctor can clearly observe the grab during the operation, reducing the occurrence of accidents.







16 天鹰 万向钳独特结构设计-----多种规格类型

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Multiple specification types

钳体直径(Dia.): 5MM/9MM 工作长度(Working Length): 260MM/330MM/370MM

天鹰万向钳,拥有不同的钳体直径及工作长度。满足了手 术过程中的多种需求。

With different diameter and working length. To meet the various needs of the surgical process.





无创抓钳

06 天鹰 万向钳独特结构设计----参数 Parameter

强大的咬合力 200NM≈20KG

剪刀:可剪切2层21支纱布

缝线钳线可配合: 径为0.499~0.900mm的缝合线

Powerful bite force 200NM≈20KG Scissors: can cut 2 layers of 21 gauze Suture pliers can be matched with: diameter of 0.499~0.900mm suture.





 $200NM \approx 20KG$



∩ 6 天鹰 万向钳独特结构设计-----四轴/六轴

Four axes/six axes



/四轴型 万向钳



/六轴型 万向钳

Six axes



左 右摆动幅度 Left-right swing 120°





了 天鹰 万向钳临床应用 Clinical application





目标科室 Target department:

胸外科、胃肠外科、肝胆外科、甲状腺外科、泌尿外科、 肛肠科、肿瘤科等科系。Department of Thoracic Surgery, gastrointestinal surgery, hepatobiliary surgery, thyroid surgery, Urology surgery, anorectal surgery, oncology and other departments

了 天鹰 万向钳应用场景 Application scope











1.多向张力协助暴露手术位置

Multi directional tension helps expose the surgical location;

2.多角度提拉;

Multi-angle lifting;

3.稳定张力协助游离;

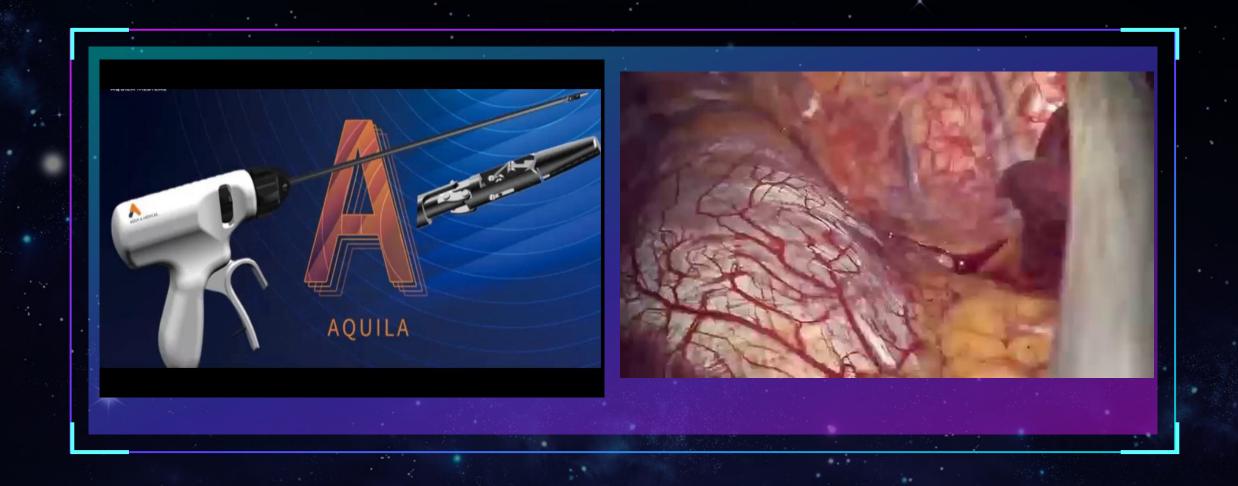
Stable tension to assist dissociation;

4.万向张力协助;

Universal tension assistance;

17 天鹰 万向钳手术视频 Viedo







謝 動 Thank You