

Instrumentación Quirúrgica para las Prácticas Urológicas

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Cirugía de la Incontinencia Urinaria

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Definicion

- “La queja de cualquier pérdida involuntaria de orina”



International Continence Society

Tipos de Incontinencia de orina

- Masculina/ femenina
- Niño/ adulto/ Geronte
- Temporaria
- Definitiva
- Enuresis Nocturna
- De Esfuerzo
 - Hipermovilidad uretral
 - Déficit esfinteriano
- De Urgencia
 - Hiperactividad Vesical
- Extraurinarias
 - Fístulas Vesico Vaginales
 - Fístulas Vesico Uterina
 - F. uretero vaginales
 - F. uretero uterinas
 - F. uretrovaginales

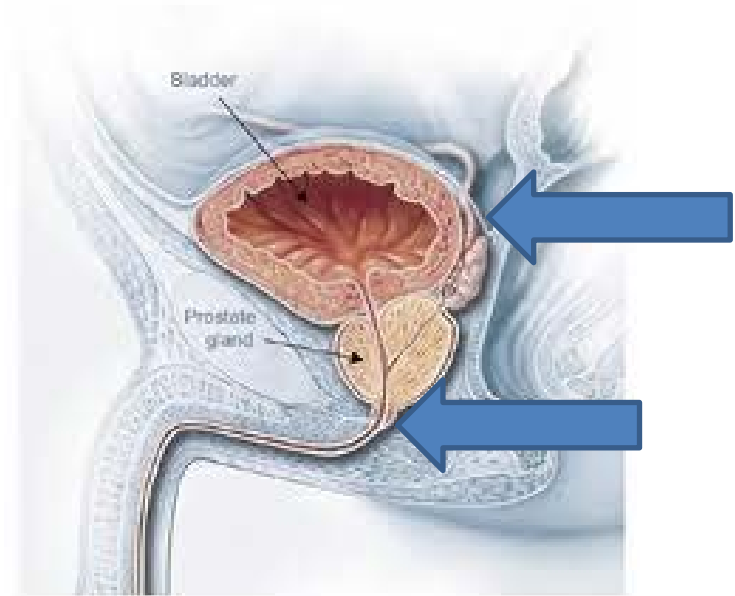
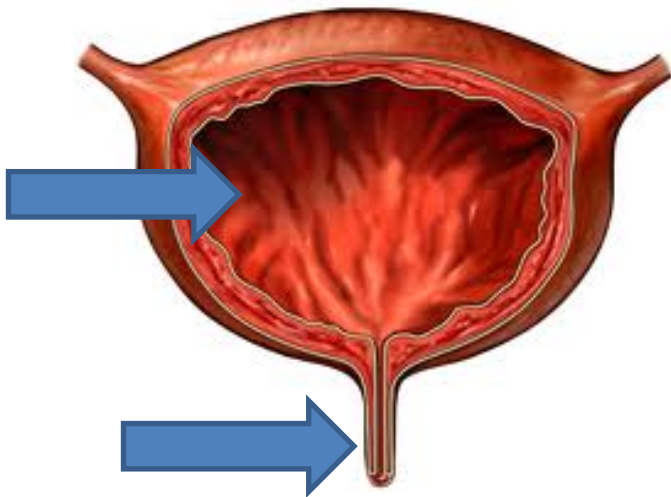
Tratamiento Quirúrgico



- De Esfuerzo
 - Hiper movilidad uretral
 - Déficit esfinteriano
- De Urgencia
 - Hiperactividad Vesical
- Extraurinarias
 - Fístulas Vesico Vaginales
 - Fístulas Vesico Uterina
 - F. uretero vaginales
 - F. uretero uterinas
 - F. uretrovaginales

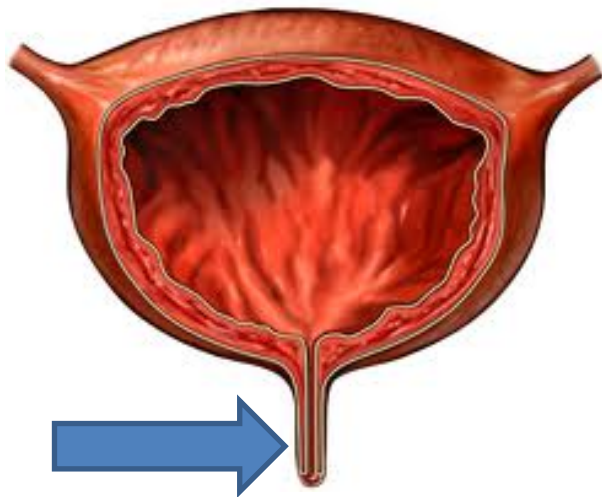
Tipos de Incontinencia de orina

- De Esfuerzo
 - Hiperactividad uretral
 - Déficit esfinteriano
- De Urgencia
 - Hiperactividad Vesical



Incontinencia de orina de esfuerzo femenina

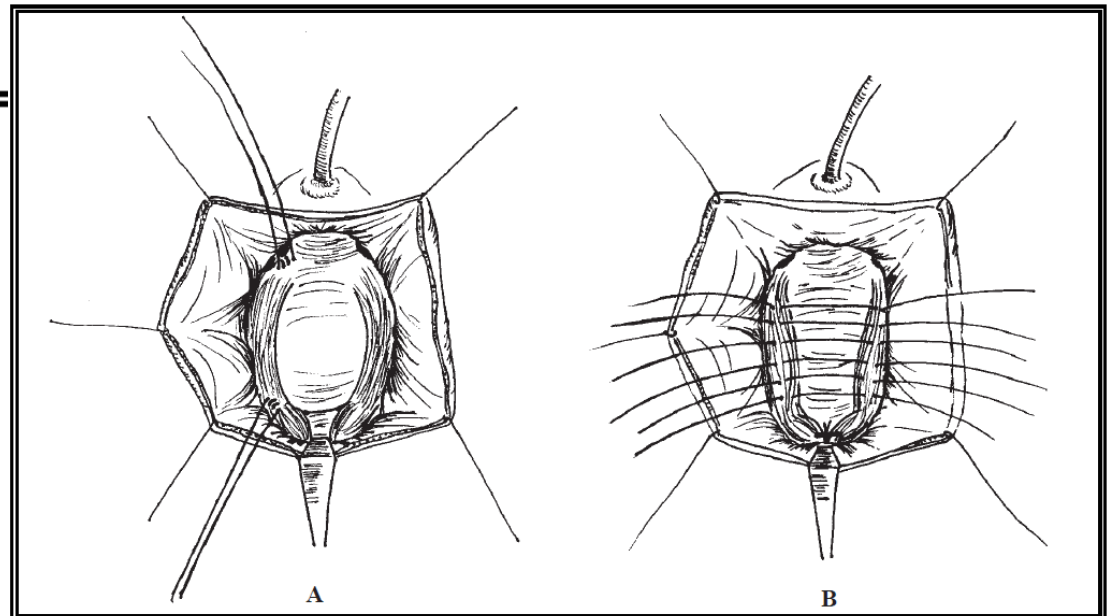
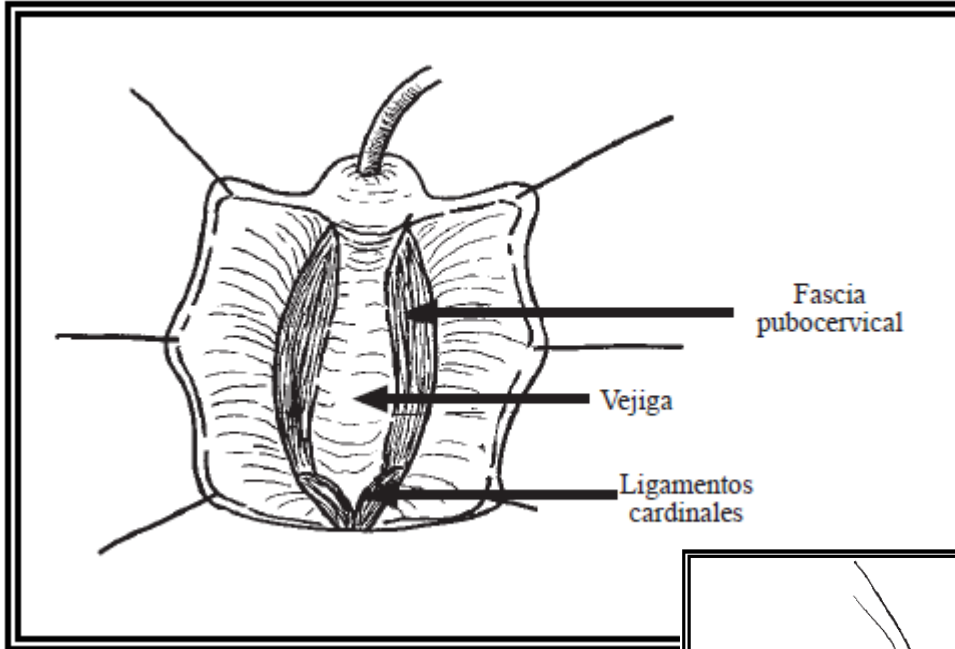
- Op. de Kelly
- Op.de Burch
- Slings retropubicos
- Slings Transobturatrices
- Minislings



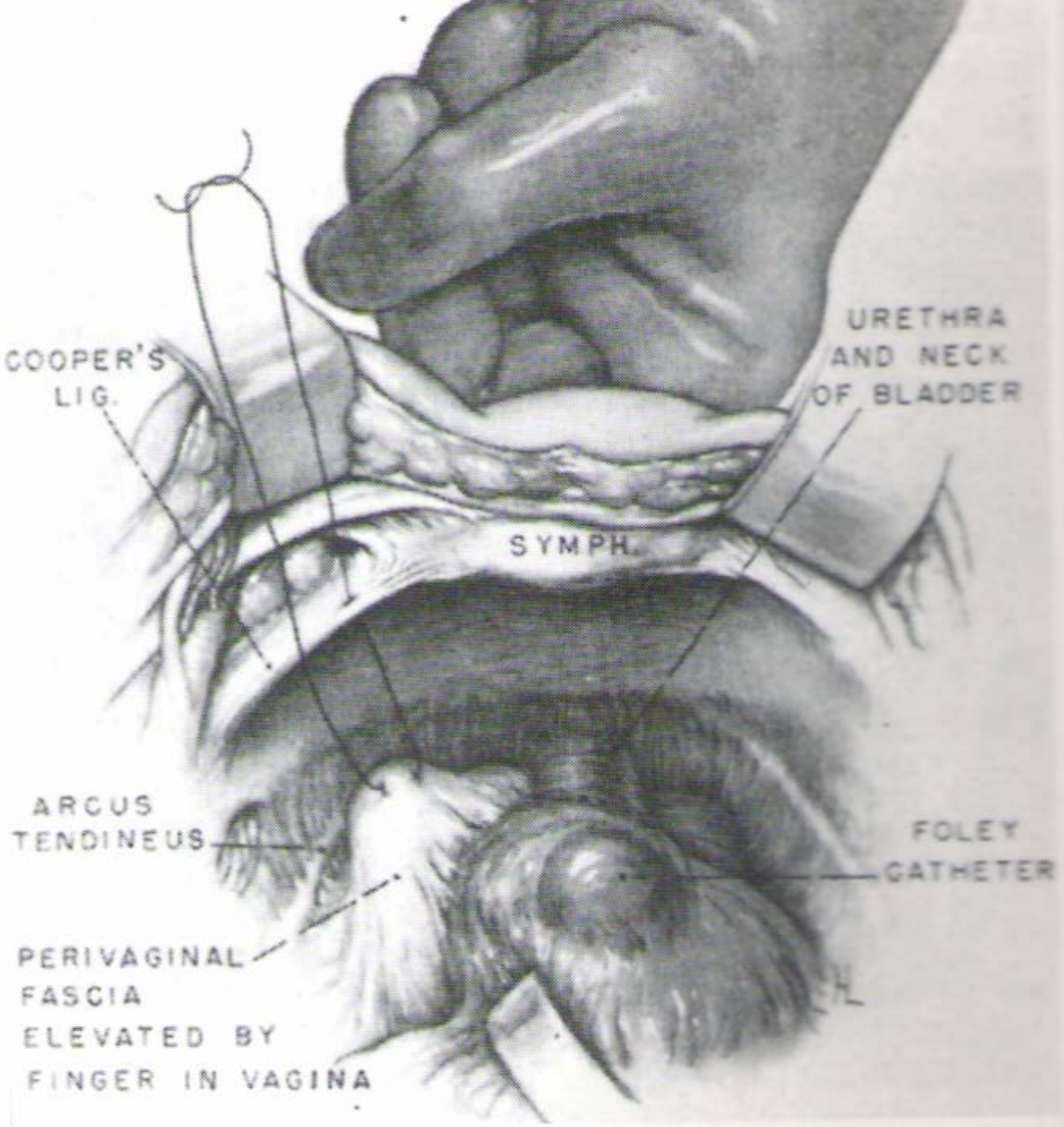
Picasso

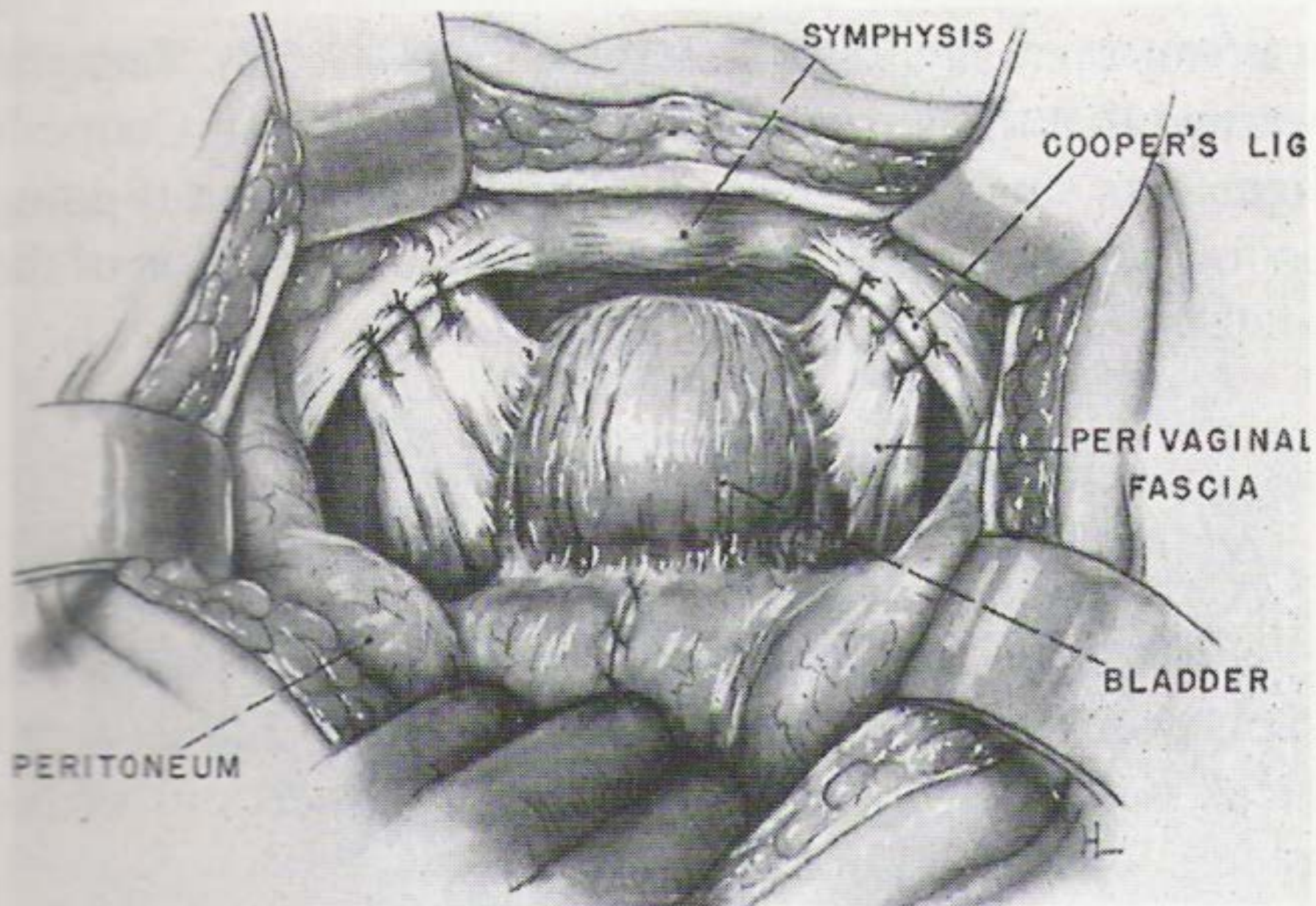


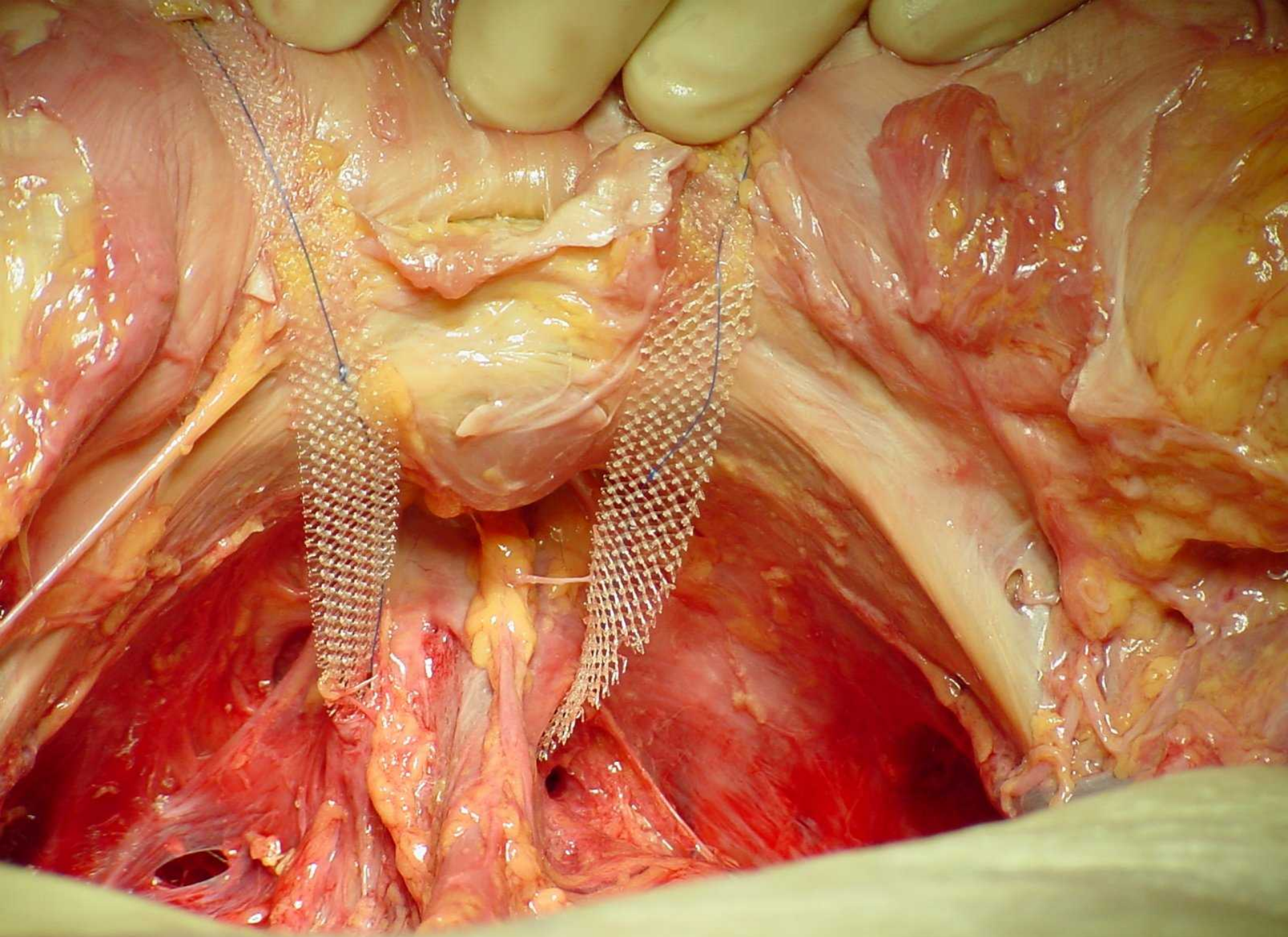
Operación de Kelly



Operación de Burch



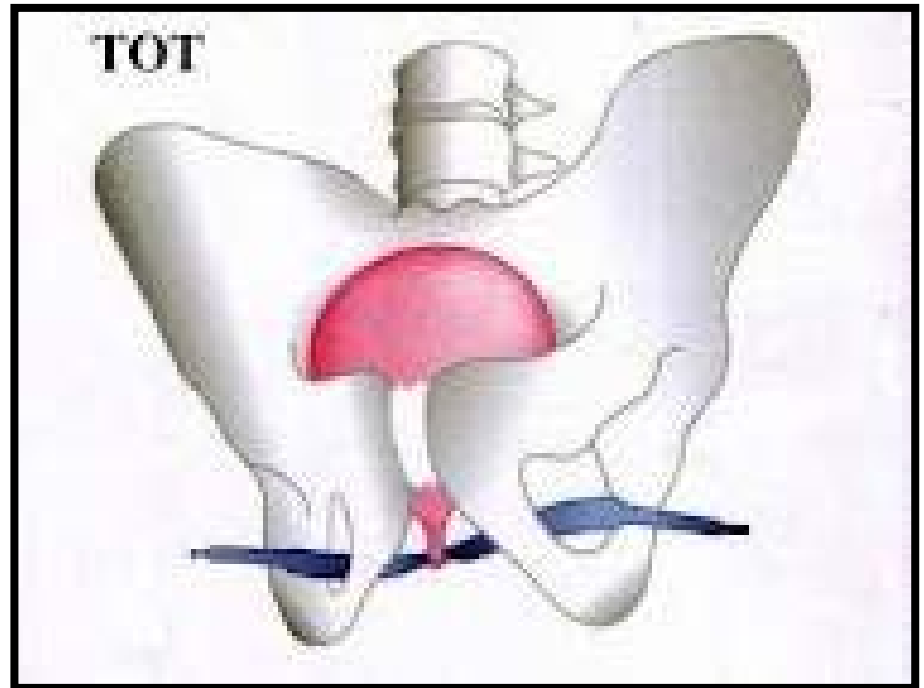
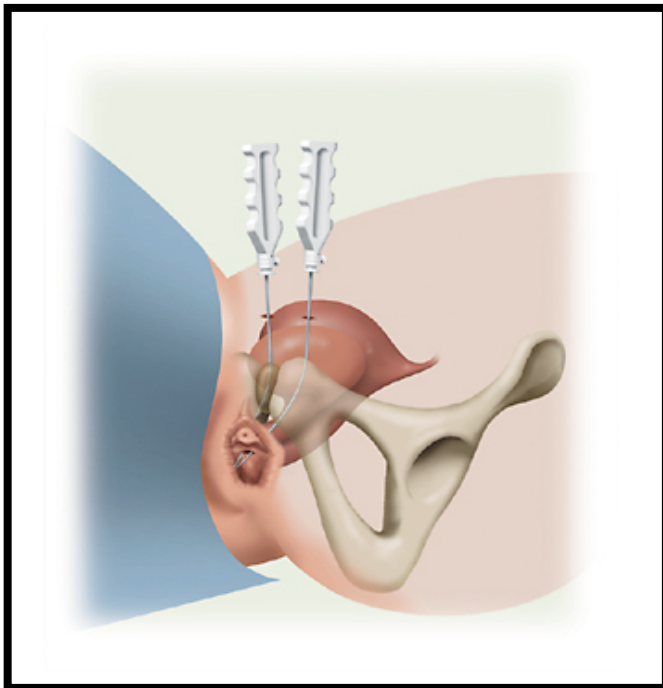




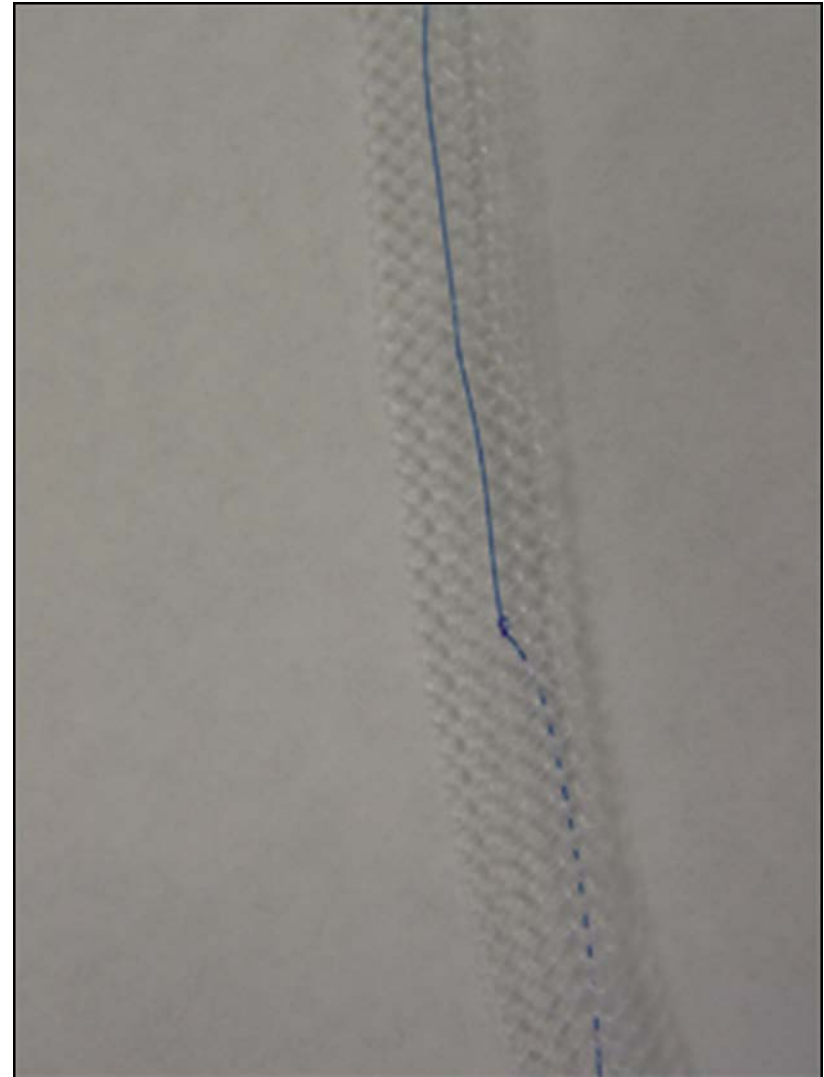
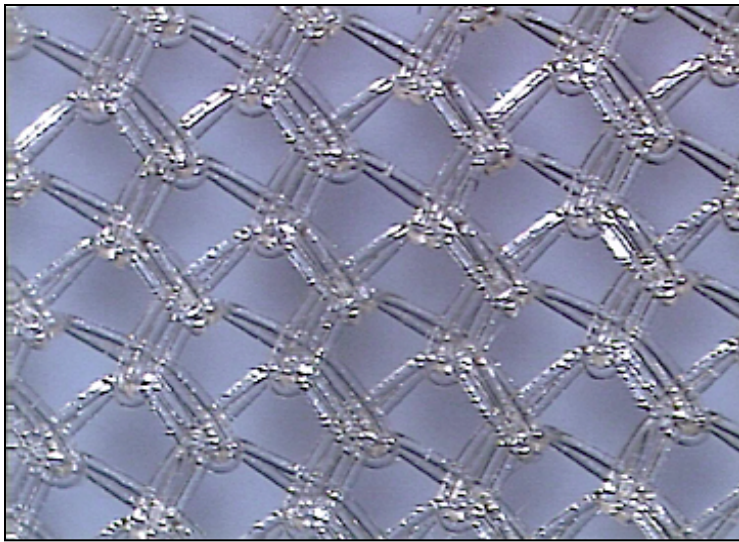
Inc. de Orina de Esfuerzo Femenina

Técnica de Sling (hamaca)

- Slings retropúbicos, suprapúbicos, verticales, TVT
- Slings transobturatrices, horizontales, TOT



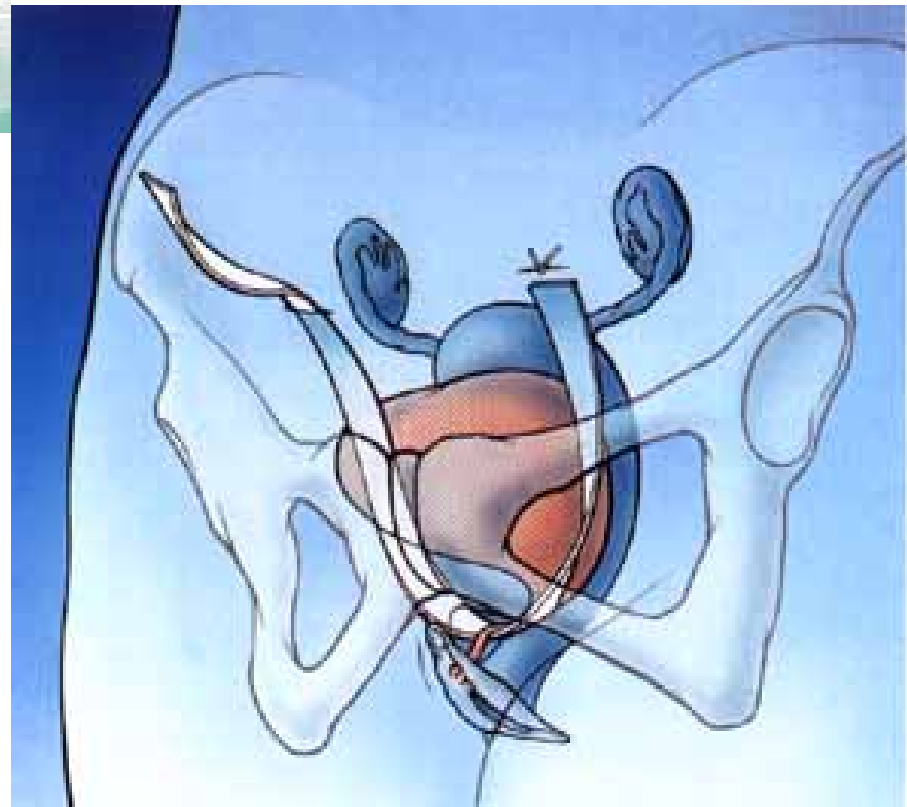
- Malla de POLIPROPILENO, MONOFILAMENTO MACROPORO





Johnson & Johnson

TVT: TRANS VAGINAL TAPE



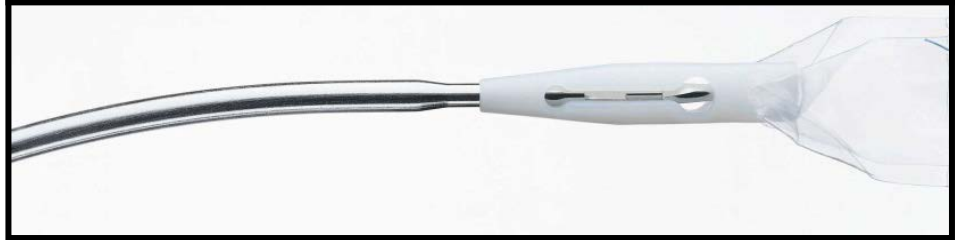
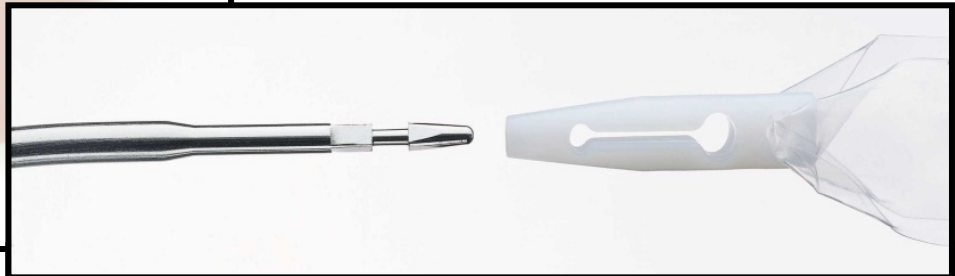
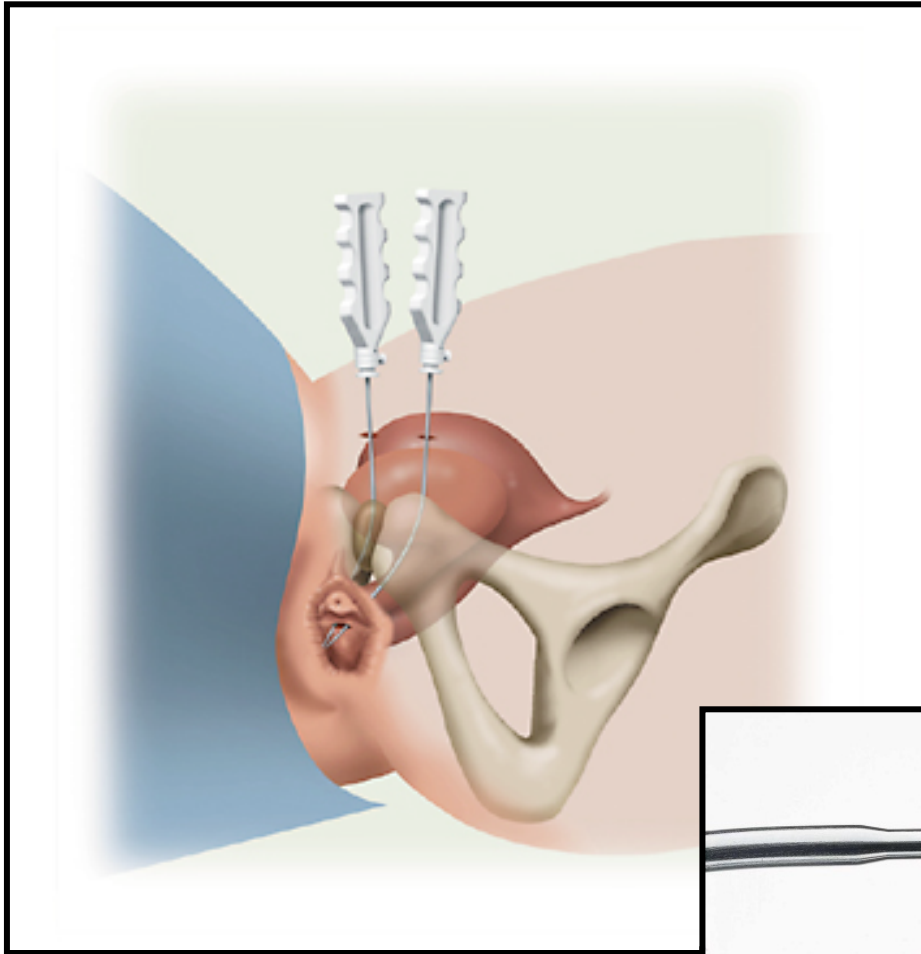


AMERICAN
MEDICAL
SYSTEMS

AMS
Solutions for Life®

 **SPARC**TM
SLING SYSTEM





TVT



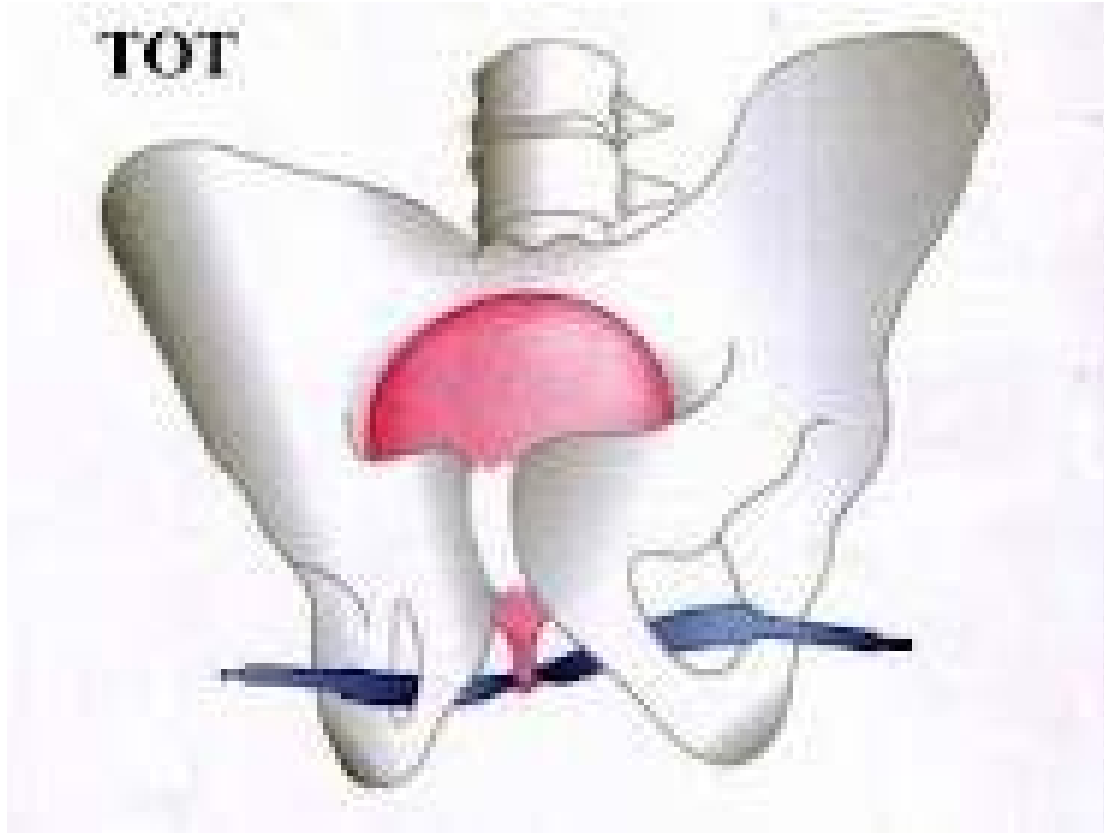
SPARC



Agujas con mango intercambiable



TOT



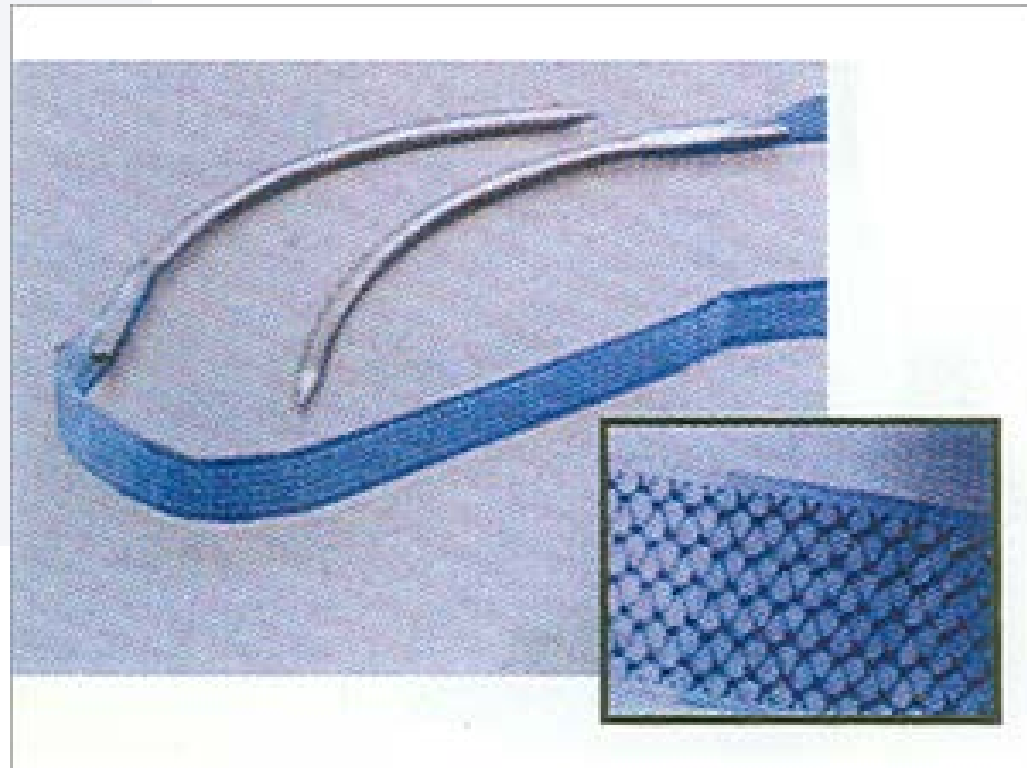
TOT Afuera-Adentro



monarc
subfascial hammock



TOT Adentro-Afuera



Instrumental Necesario

- *Caja Urología*
- *Jeringas de 20*
- *Aguja 50/8*
- *Mango 3*
- *Hoja de Bisturí N°11*
- *Pinzas de Allis*
- *Adson S/ dientes*
- *Tijeras de Metzembaun*
- *Tijeras de Mayo*
- *Pinzas de Kocher*
- *Vycril 3/0 con aguja SH*
- *Electrobisturí*
- *Sonda Foley 16Fr*
- *Bolsa colectora de orina*
- *Taponaje Vaginal con Venda de Cambric embebida en solución de Nitrofuril (Furacin®)*
- *Curación con Tegaderm®*

Mesa de Sling Femenino

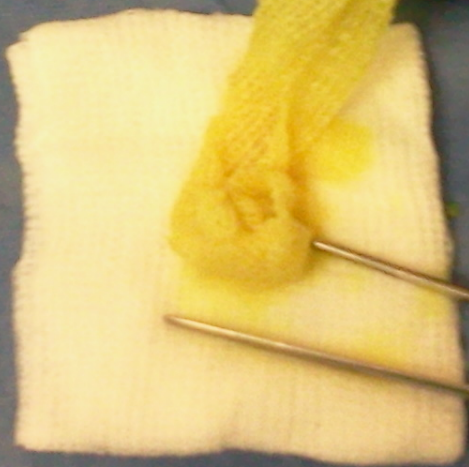
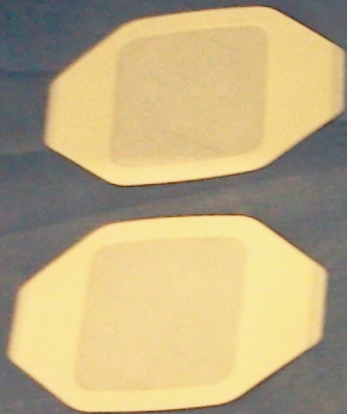




Mesa Auxiliar

- Uretrocistofibroscopio
- Optica de 30° y 70°
- Funda de endocamara
- Guia V 14
- Jalea de Lidocaína
- Jeringa de 20cc



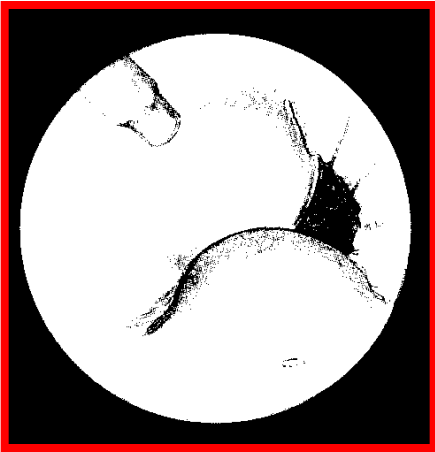
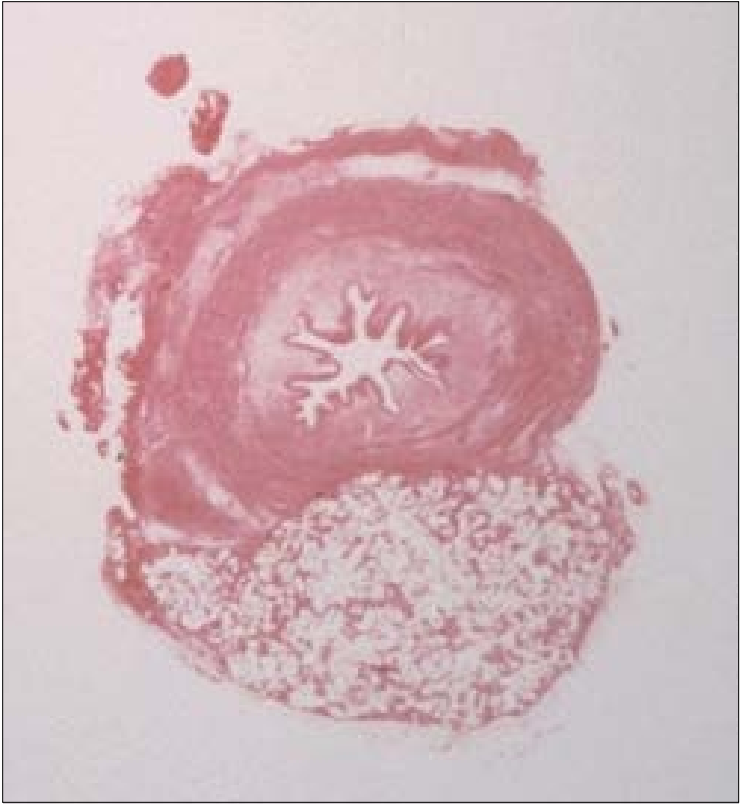
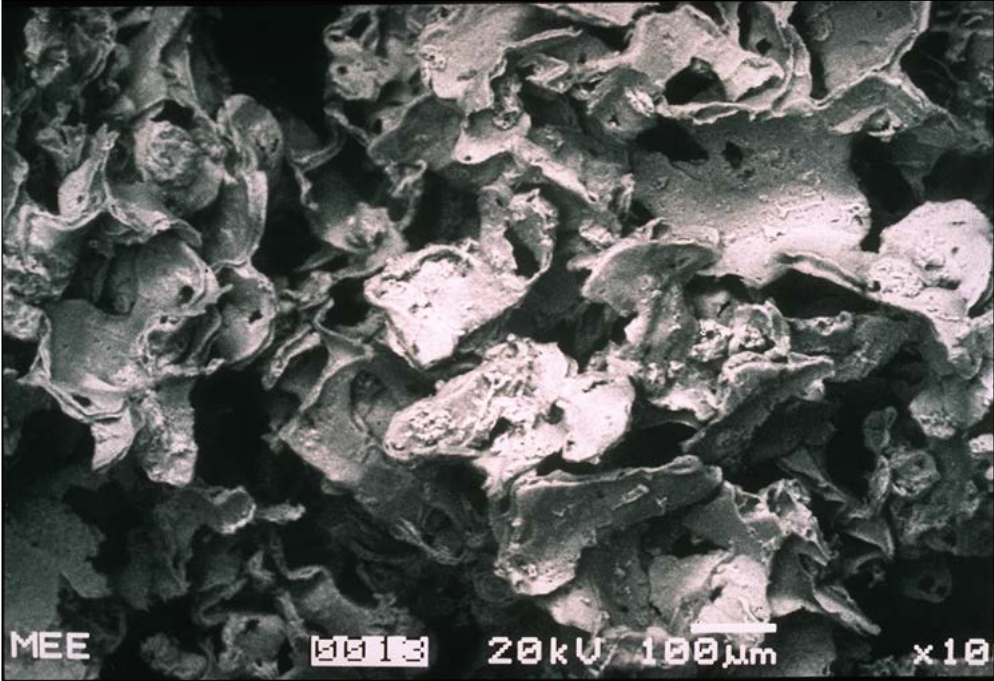




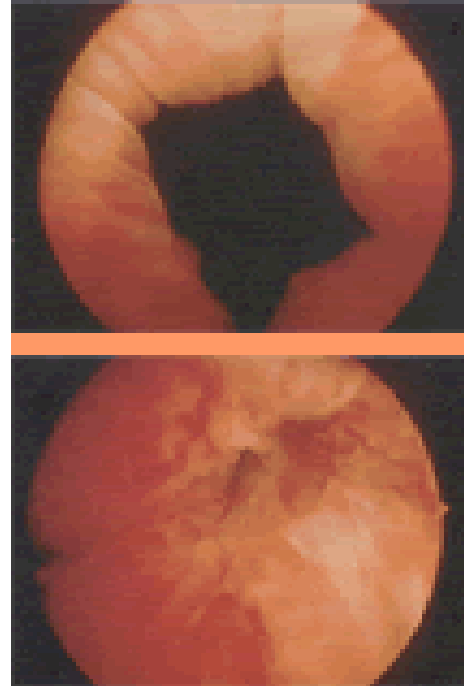
Incontinencia de orina de esfuerzo Masculina

- Substancias de Abultamiento
- Slings
- Esfínter Urinario Artificial

Macroplastique®



Agentes de Abultamiento



Instrumental Necesario

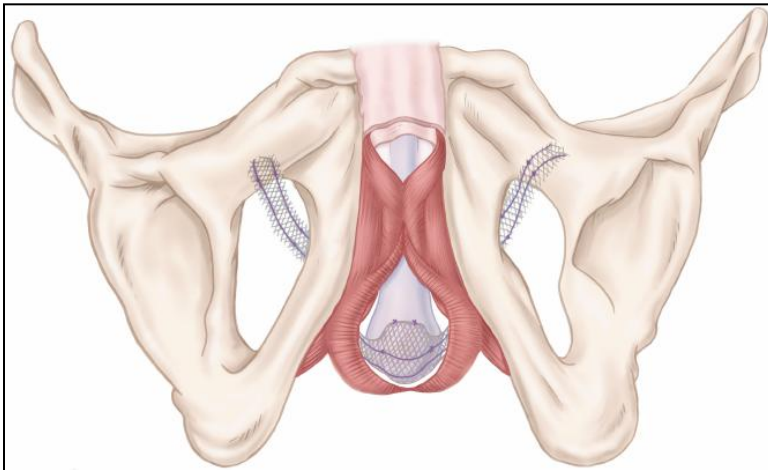
- Solución de Iodopovidona
- Gasa chica
- Jalea estéril de lidocaína
- Jeringa de 20cc
- Funda de endocámara
- Guía V14
- Uretrocistofibroscopio
- Aguja de inyección endoscópica (Aguja de Williams) (7 Fr)
- Jeringas prellenadas con sustancia de abultamiento





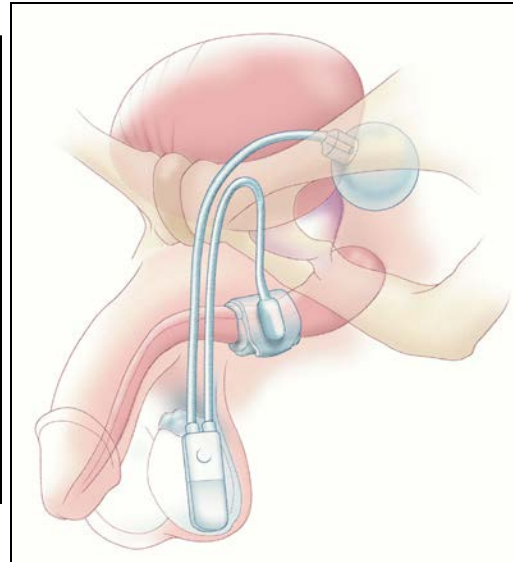
Incontinencia de Orina Masculina

Leve



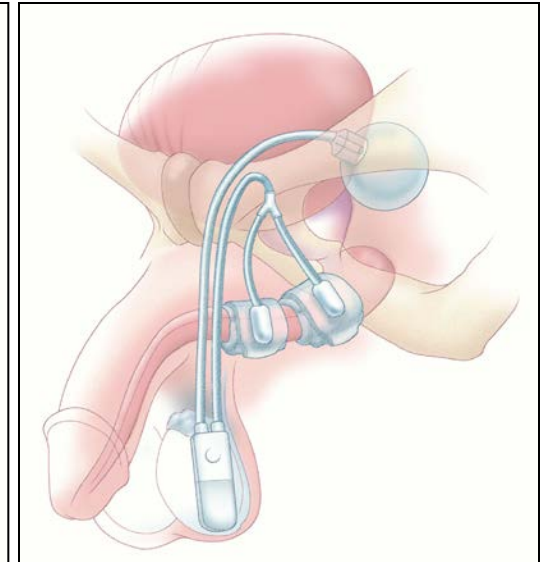
Sling
Transobturatriz
AdVance®

Moderada



AMS 800®
Cuff Simple

Severa

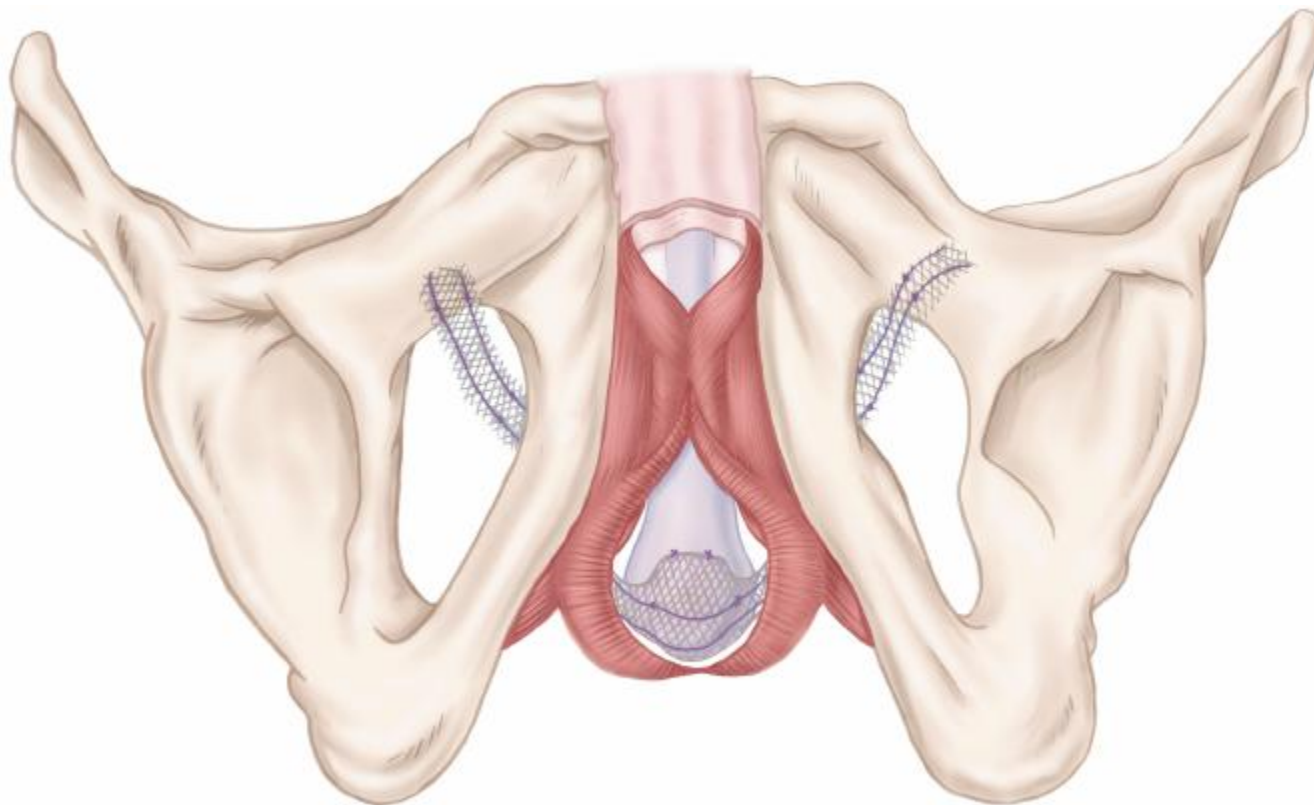


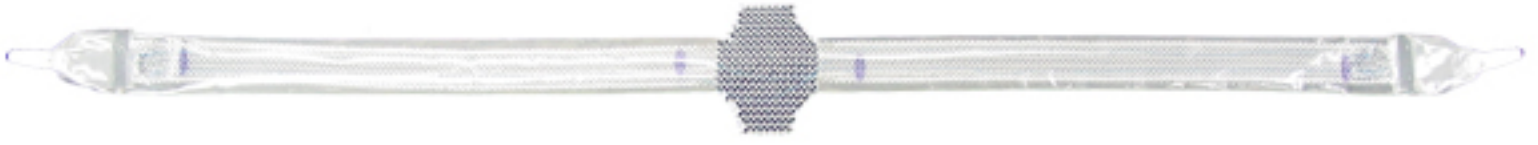
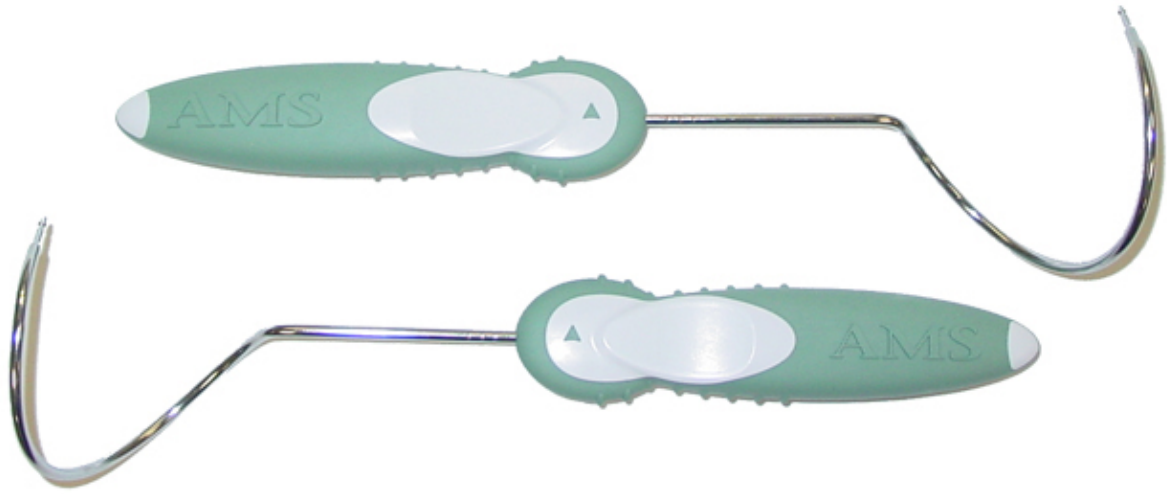
AMS 800®
Doble Cuff

Esfínter Urinario Artificial

Sling Masculino Transobturatriz AdVance

AdVance





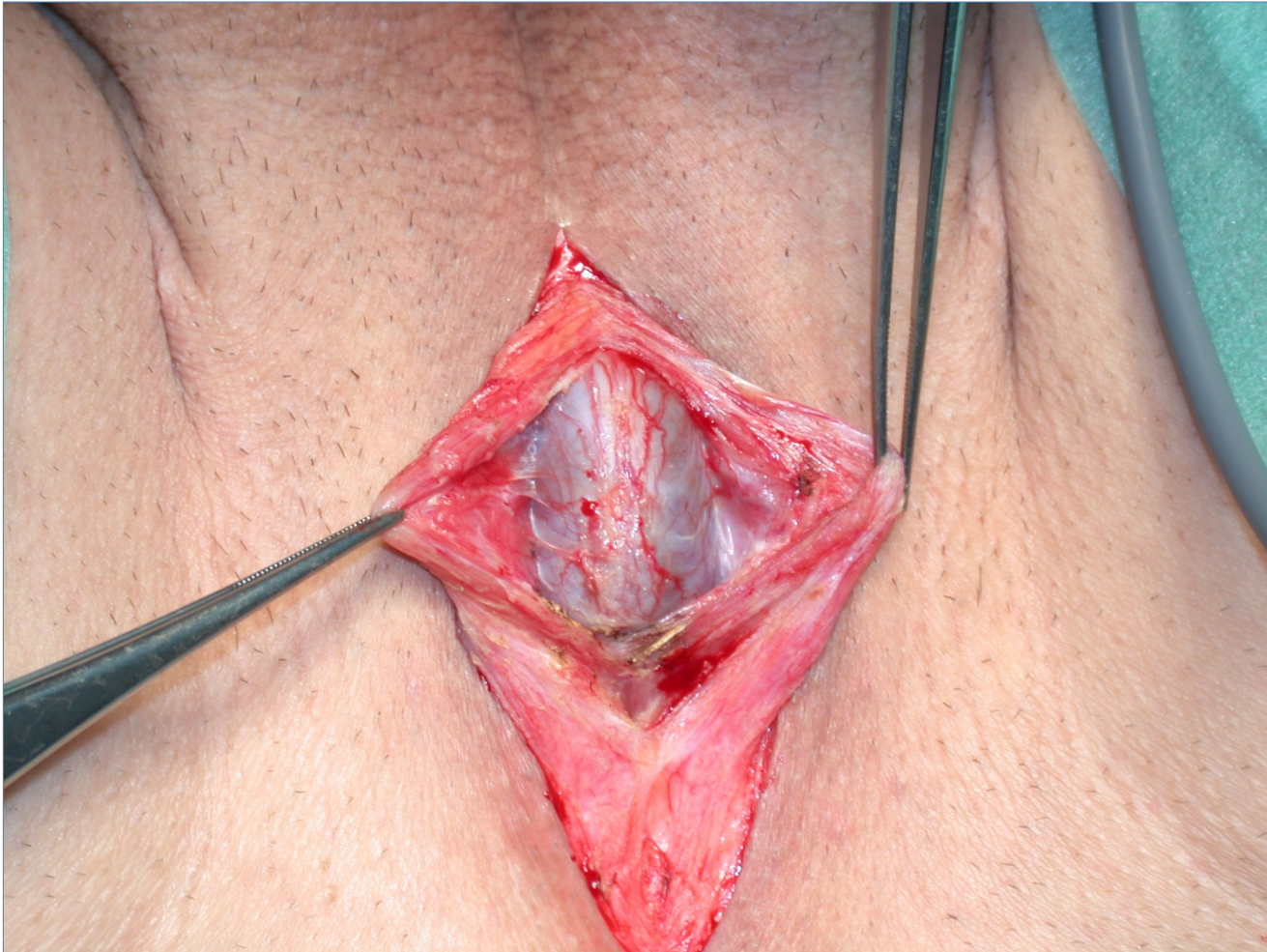


Foto: Peter Rehder and Christian Gozzi

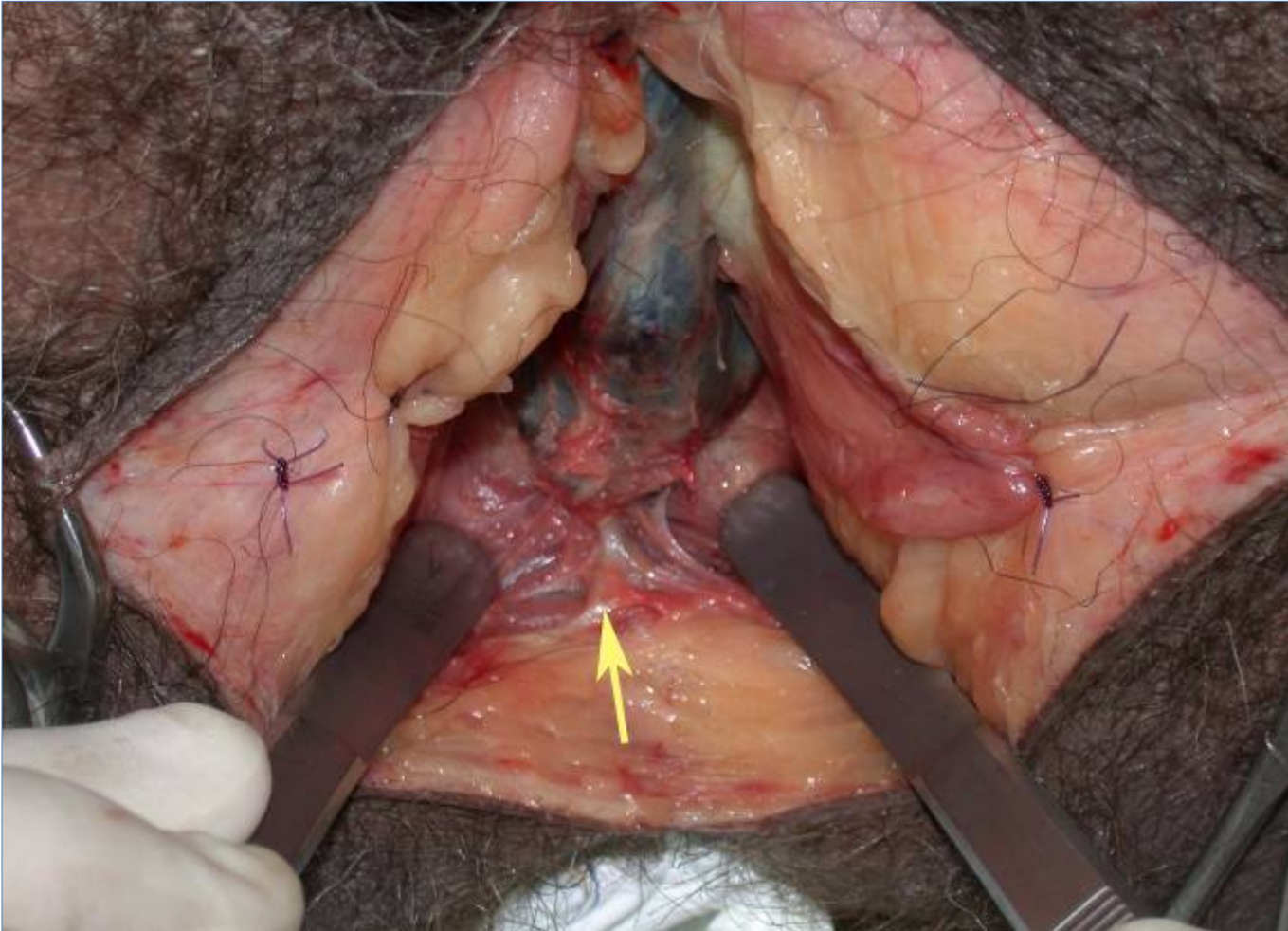


Photo: Peter Rehder and Christian Gozzi



Photo: Peter Rehder and Christian Gozzi

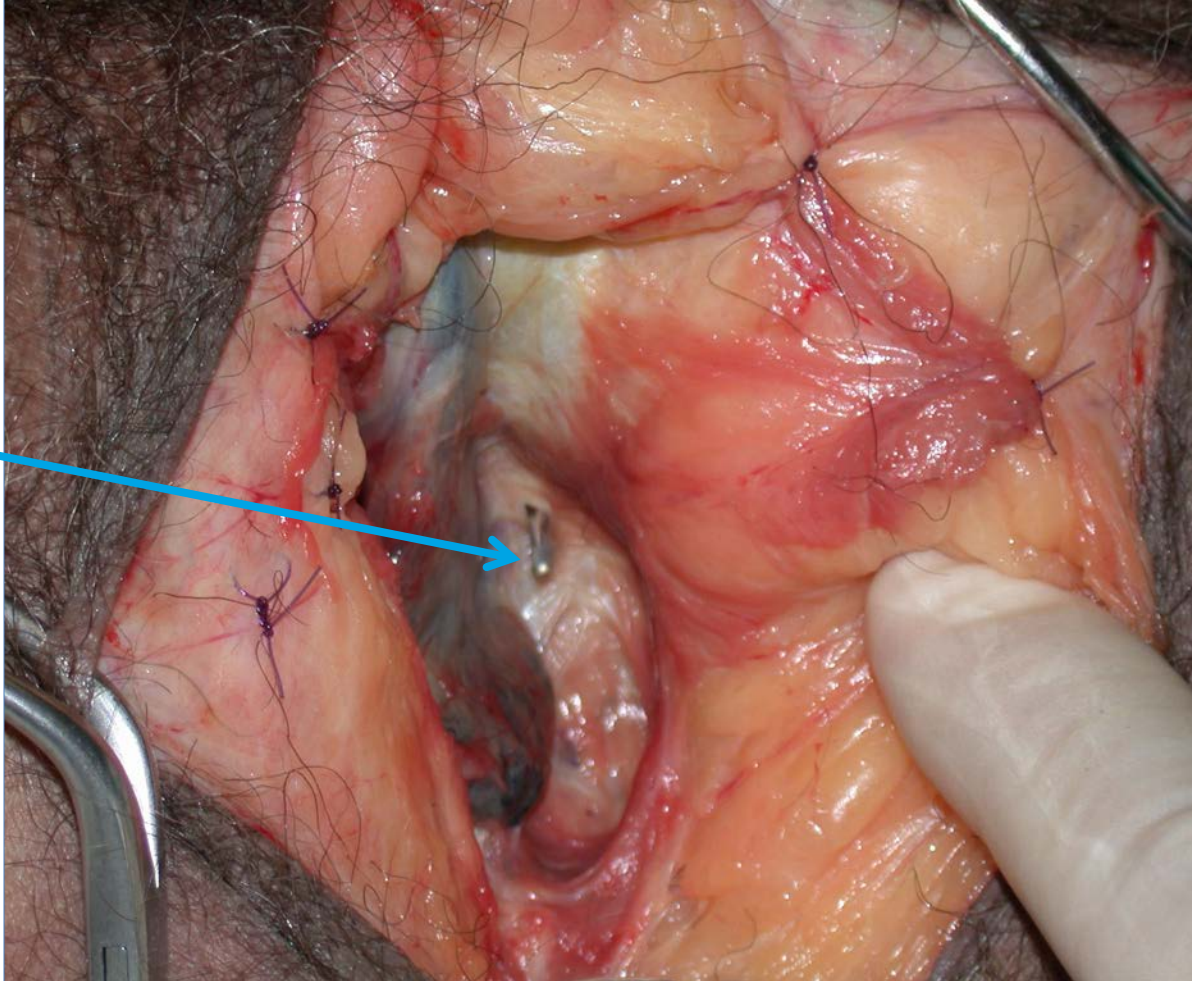


Photo: Peter Rehder and Christian Gozzi



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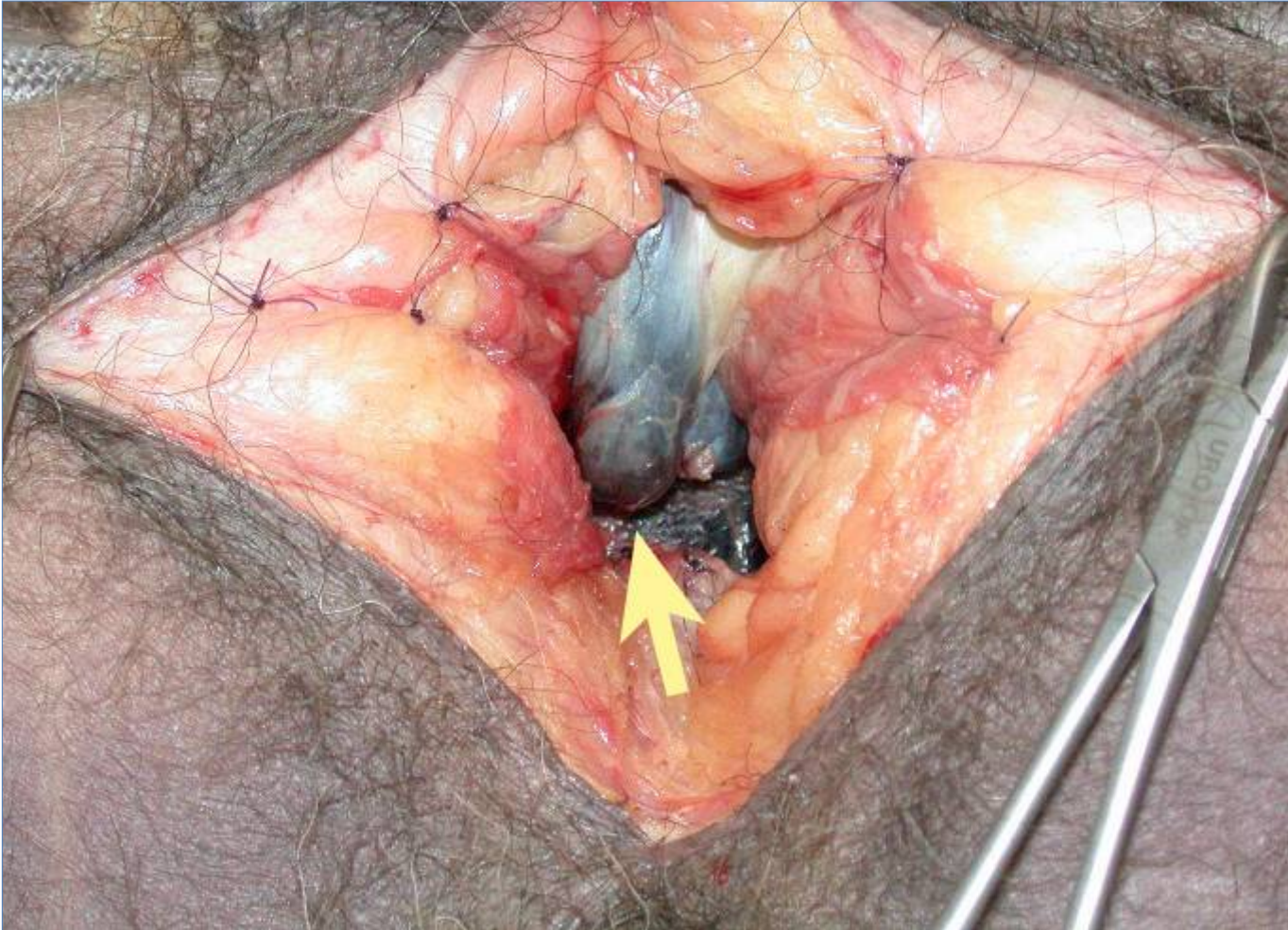
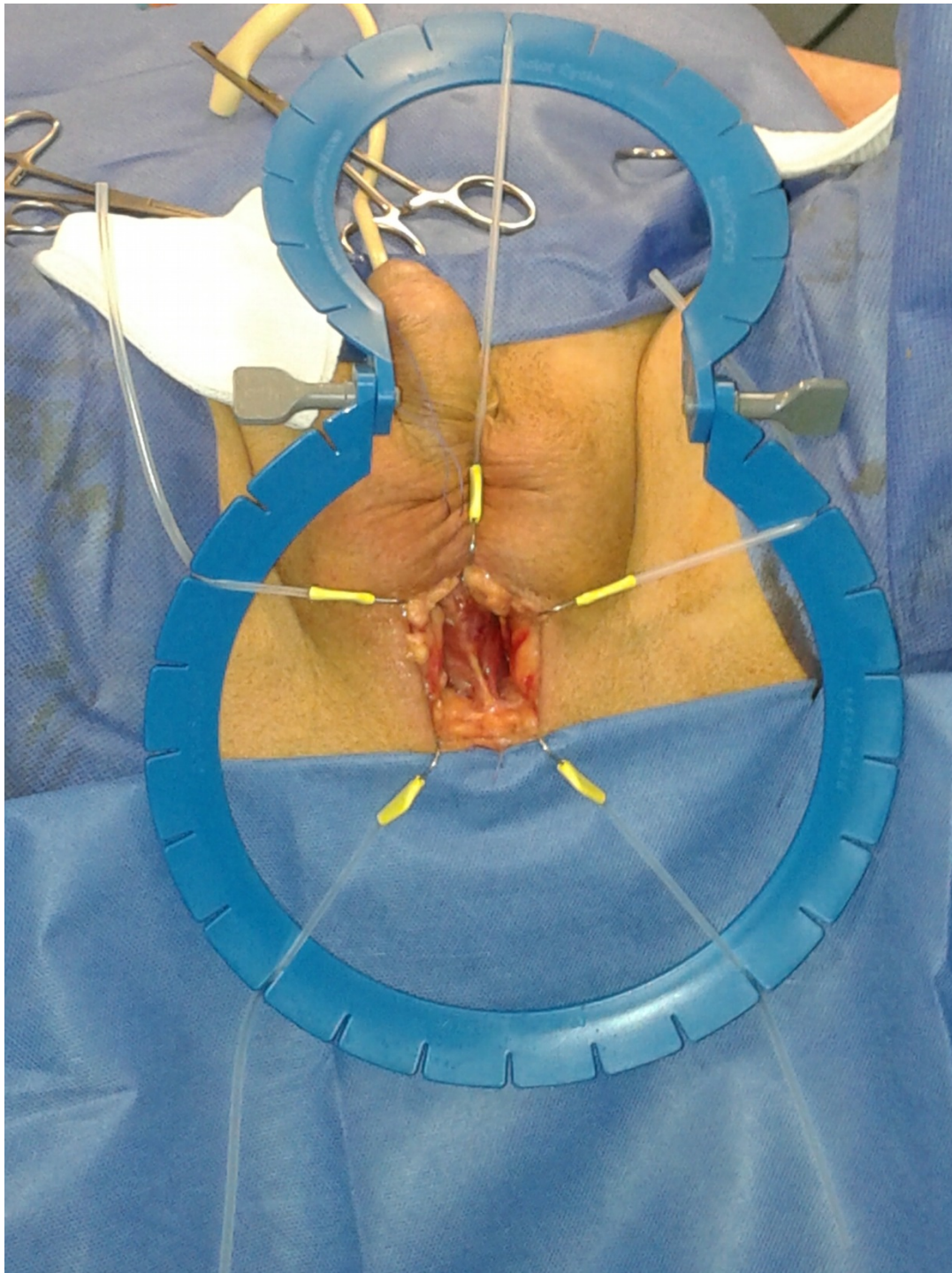


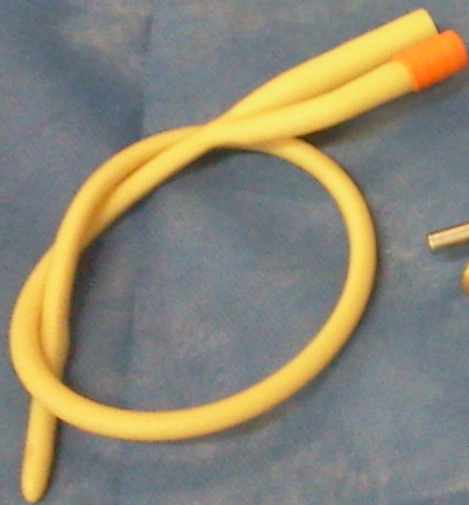
Photo: Peter Rehder and Christian Gozzi

Instrumental Necesario

- *Caja Urología*
- *Jeringas de 20*
- *Aguja espinal 18G*
- *Mango 3*
- *Hoja de Bisturí N°11*
- *Pinzas de Allis*
- *Adson S/ dientes*
- *Tijeras de Metzembaun*
- *Tijeras de Mayo*
- *Pinzas de Kocher*
- *Separadores Angostos*
- *Separador de Scott*
- *Pinza Doble Utilidad*
- *Vycril 2/0 con aguja SH*
- *PDS 3/0 con aguja SH*
- *Electrobisturí*
- *Sonda Foley 16Fr*
- *Curación con Tegaderm®*
- *Bolsa colectora de orina*

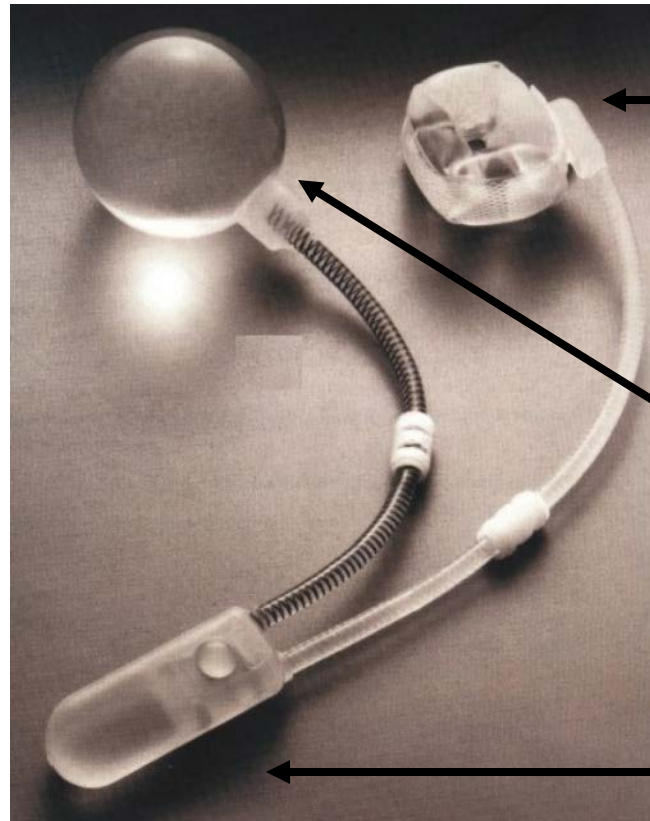








Esfinter Urinario Artificial AMS 800[®]

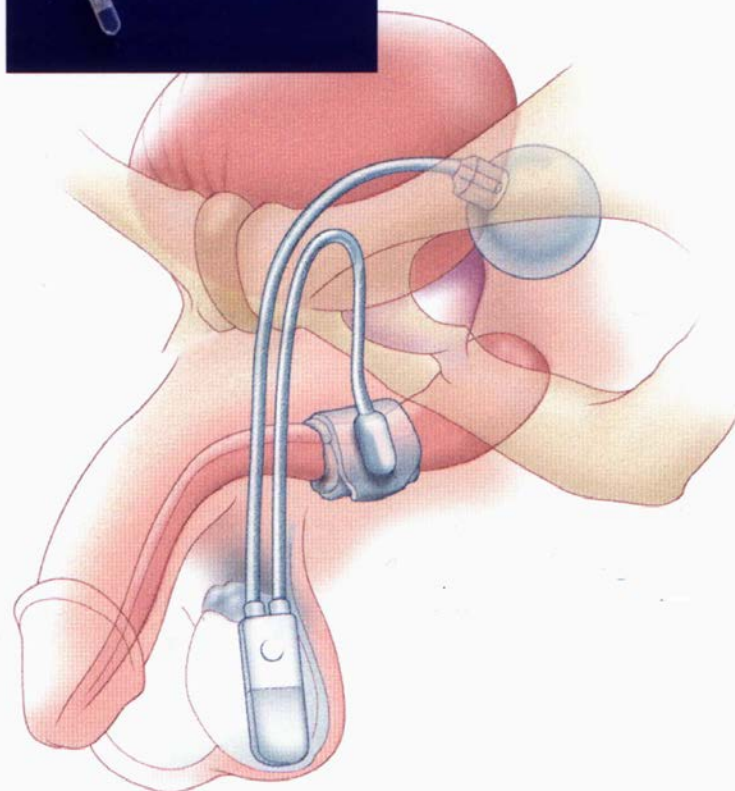


• Manguito Oclusor

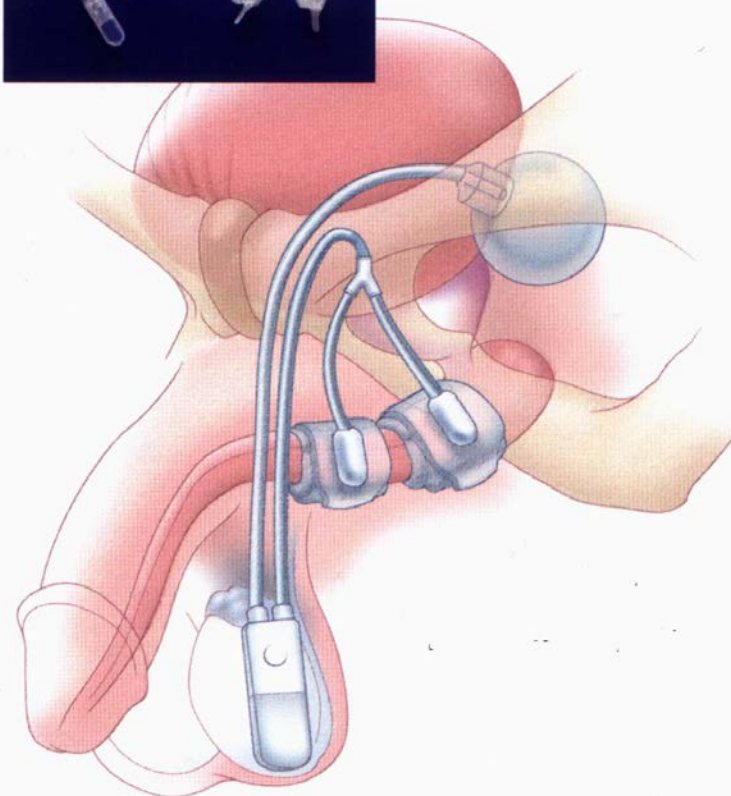
• Balón Regulador de Presión

• Bomba

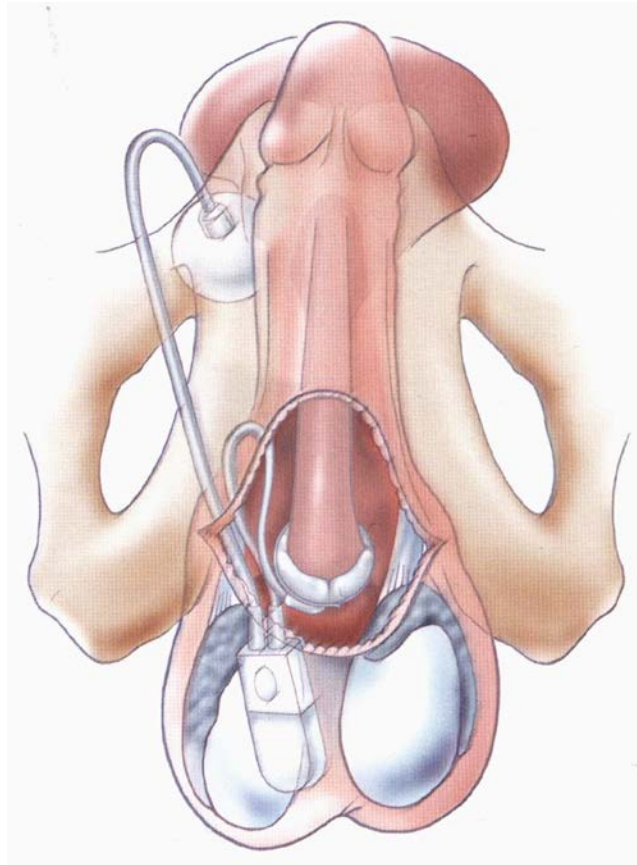
AMS 800



AMS 800 (doble cuff)



Acceso Transescrotal

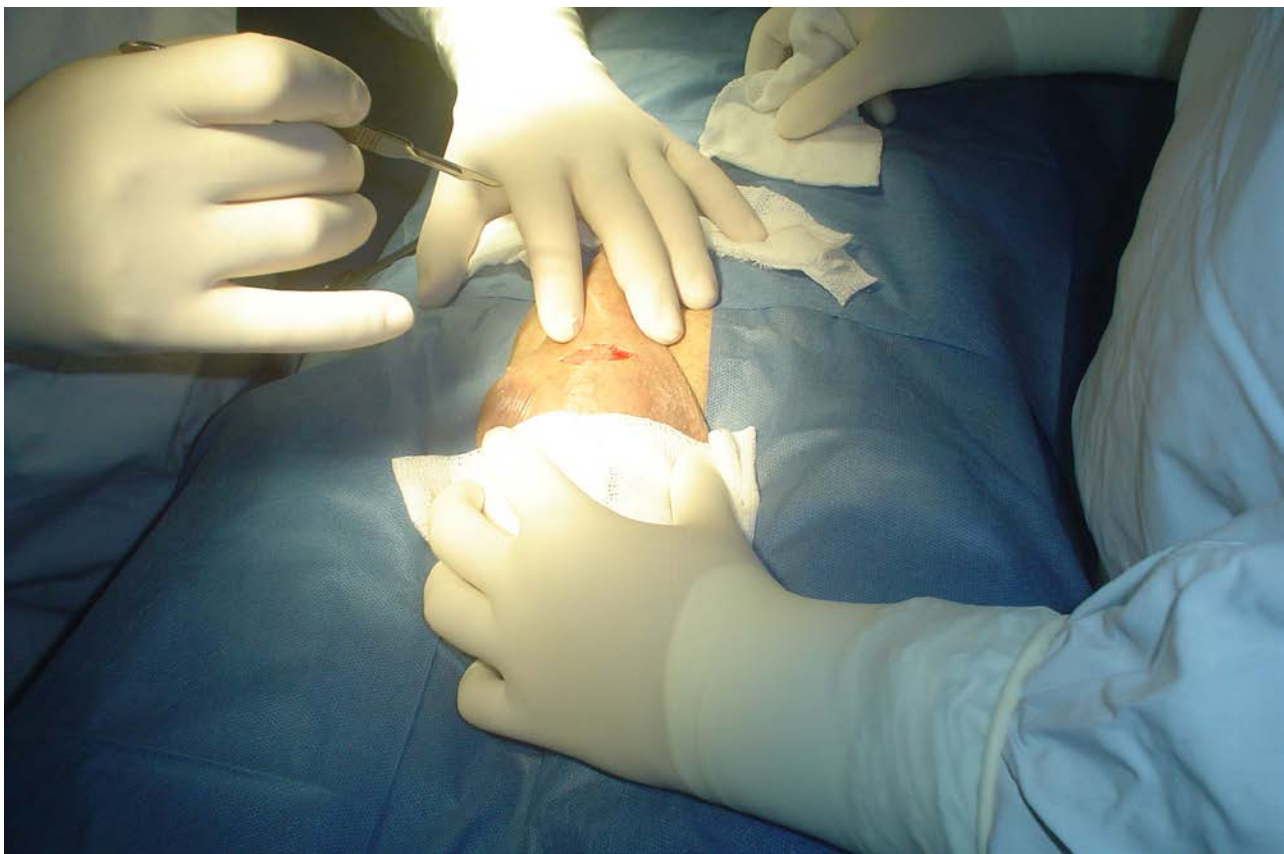


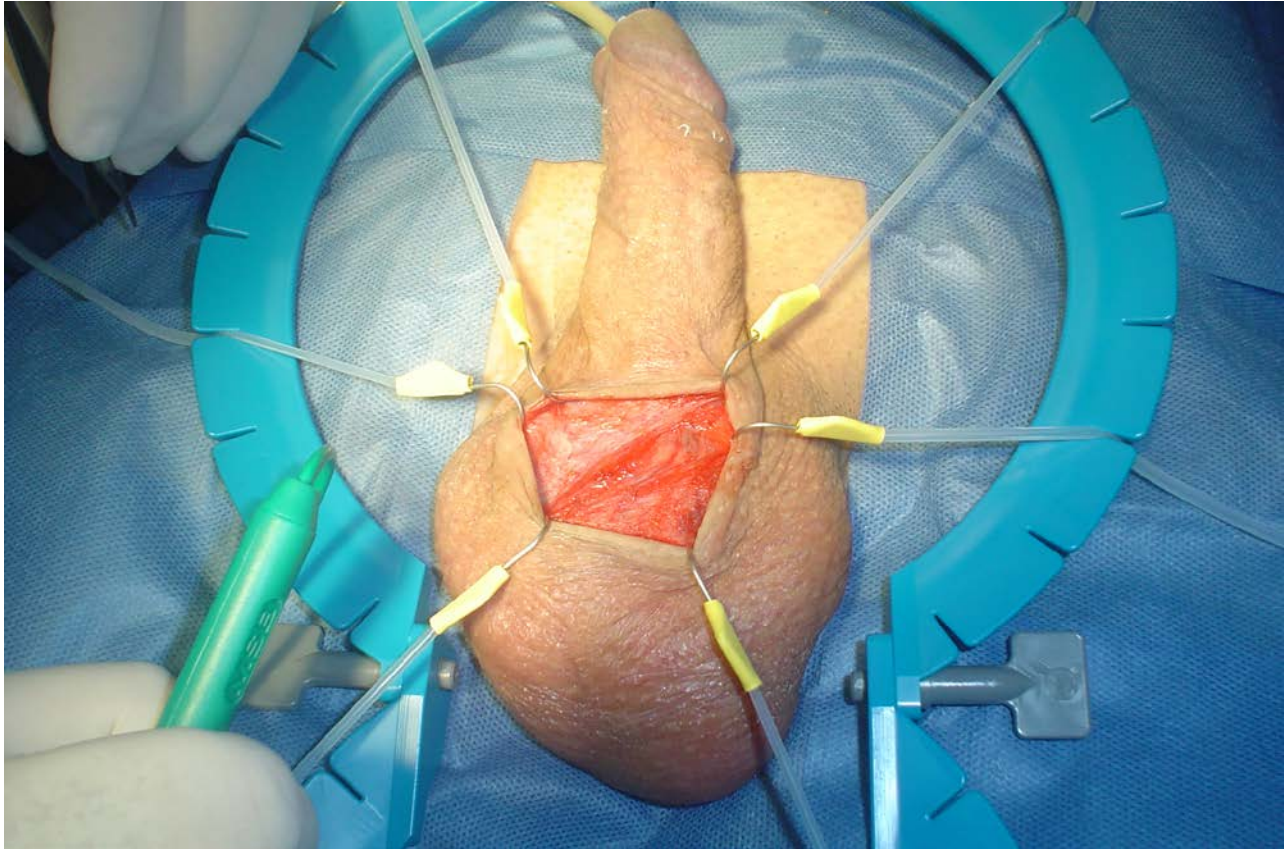
Wilson SK et al, **New Surgical Technique for Sphincter Urinary Control System Using Upper Transverse Scrotal Incision**,
Journal of Urology Jan 2003, 169(1), 261-264

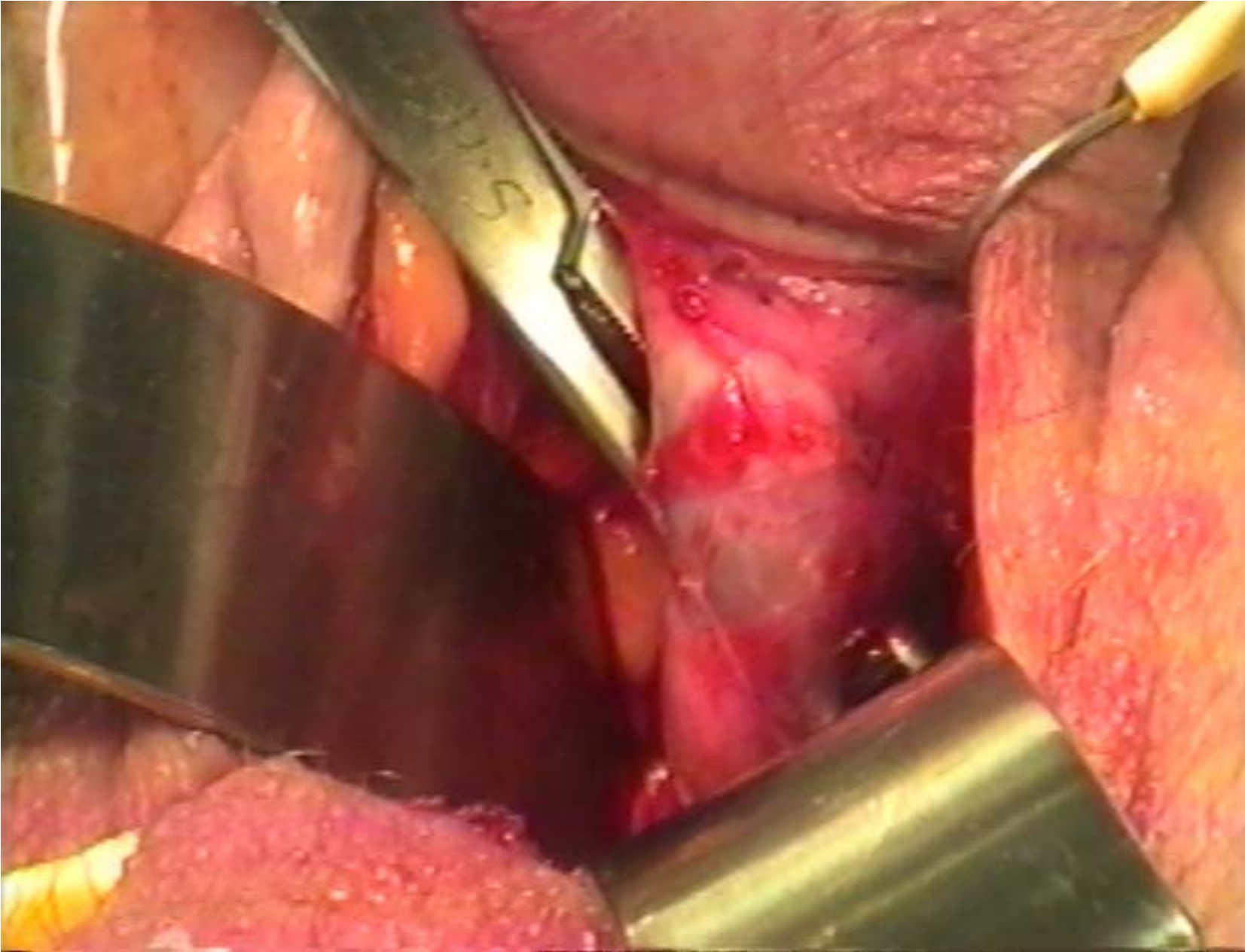
Acceso Transescrotal

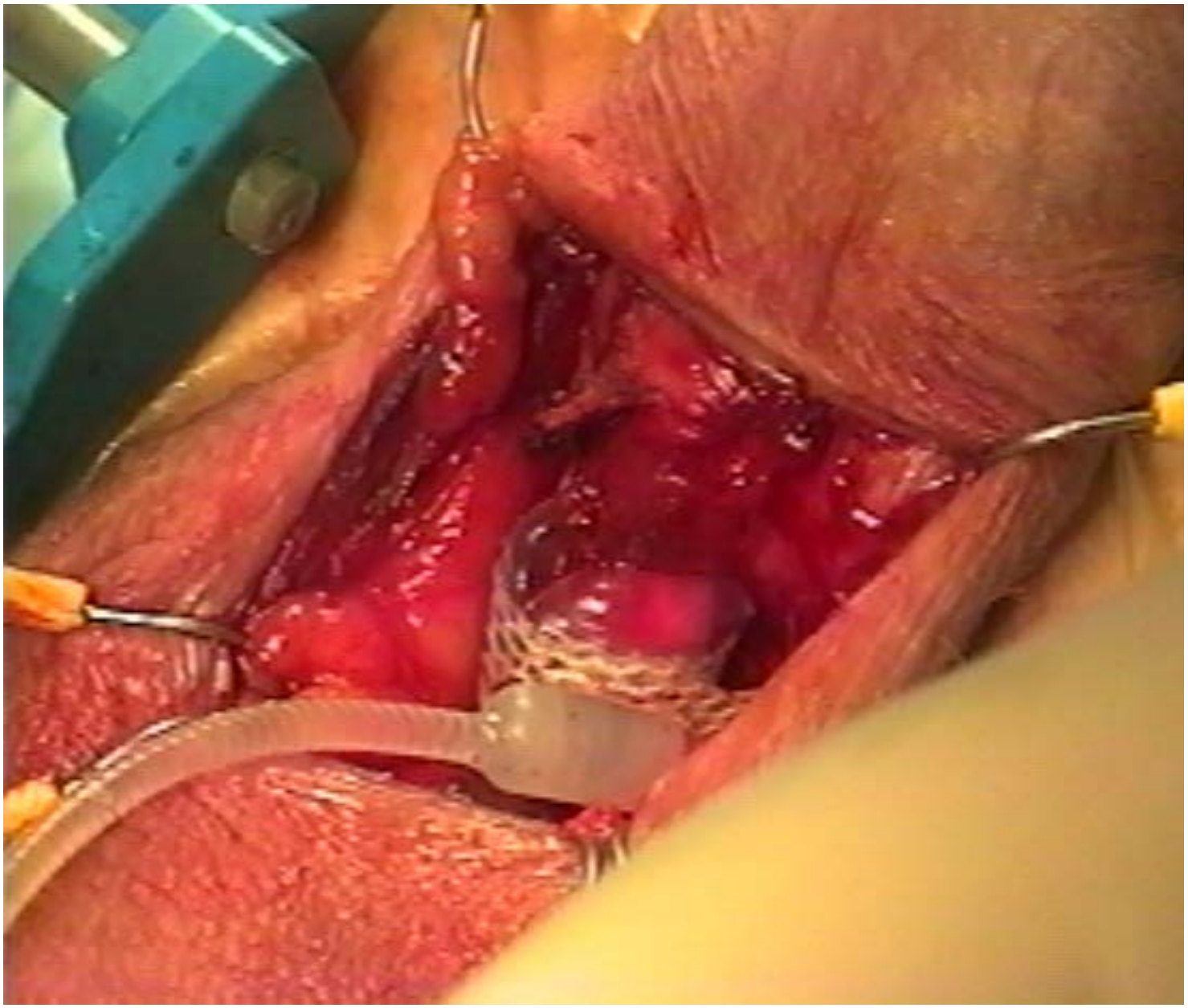
Una Incisión

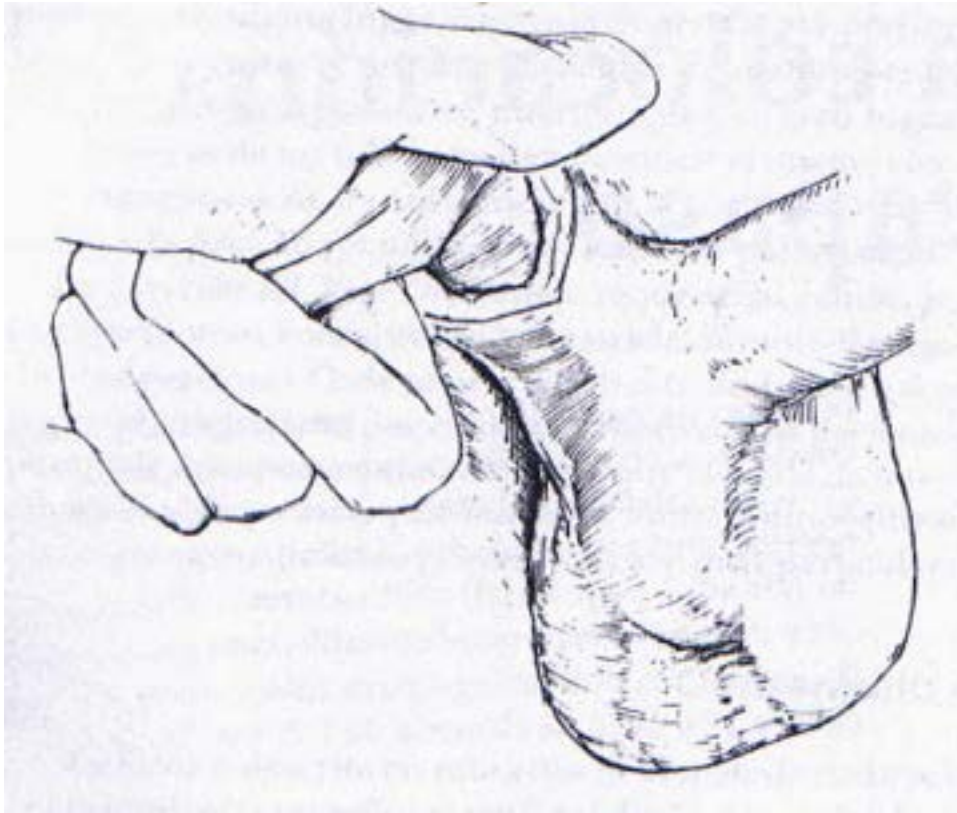


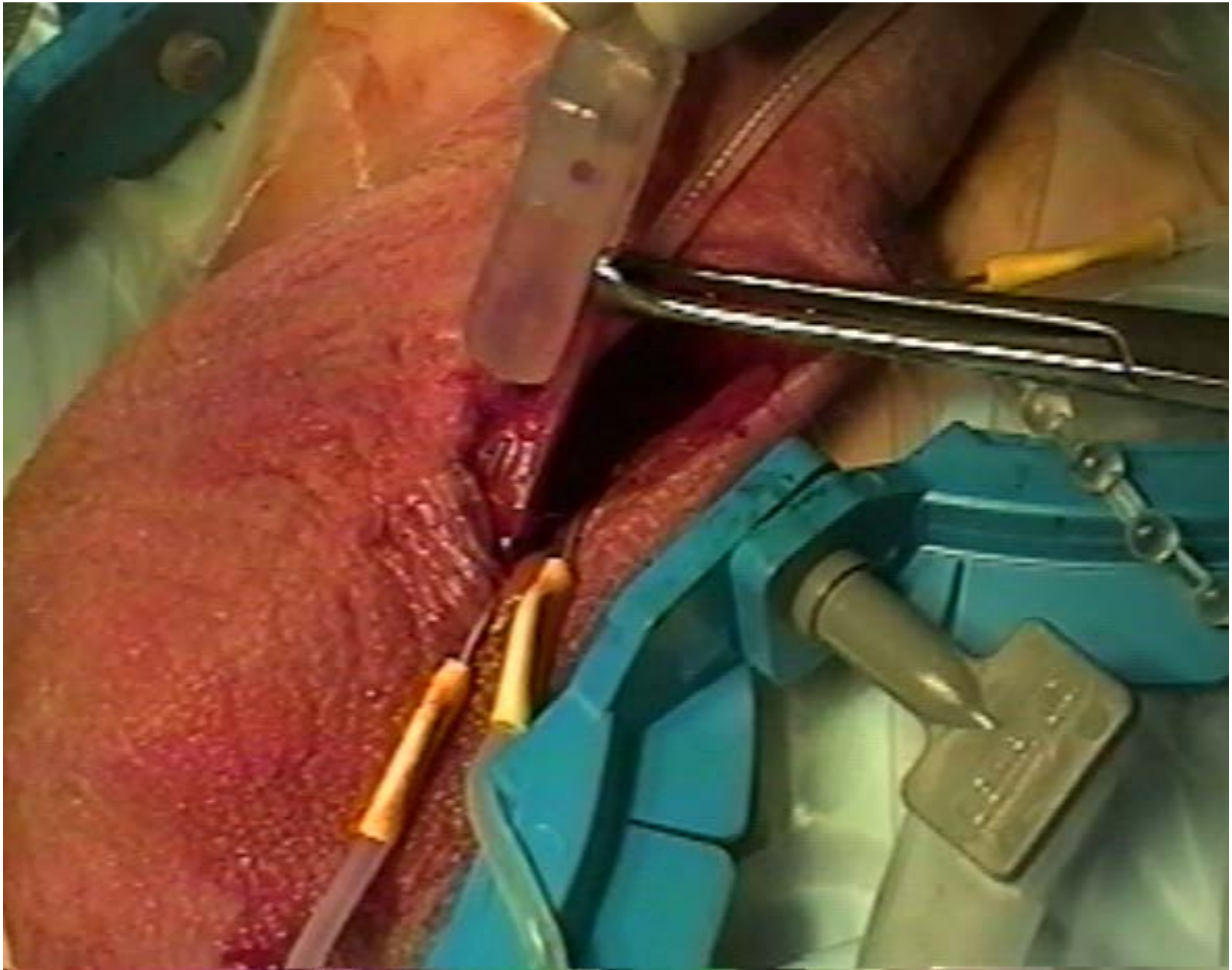


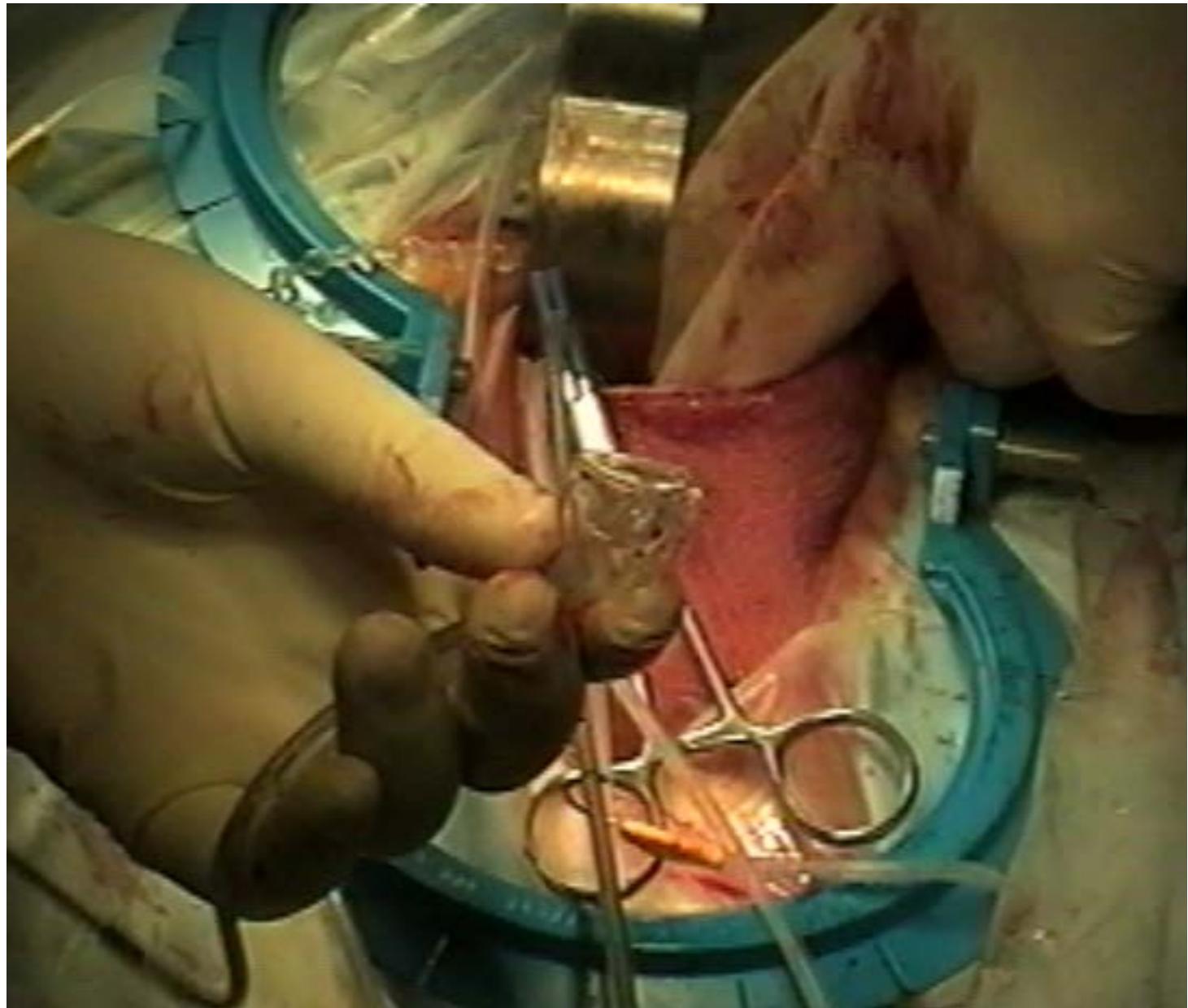


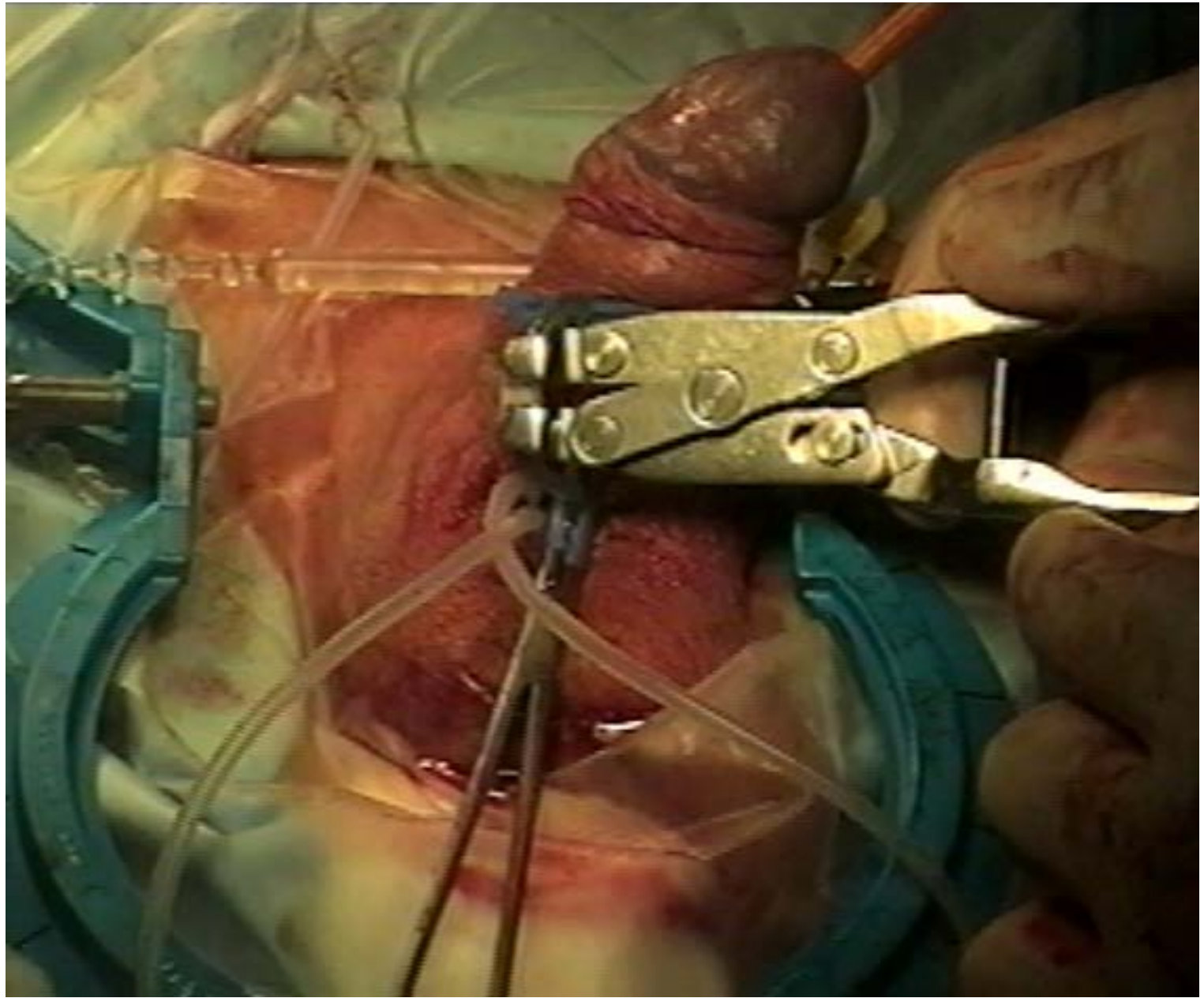


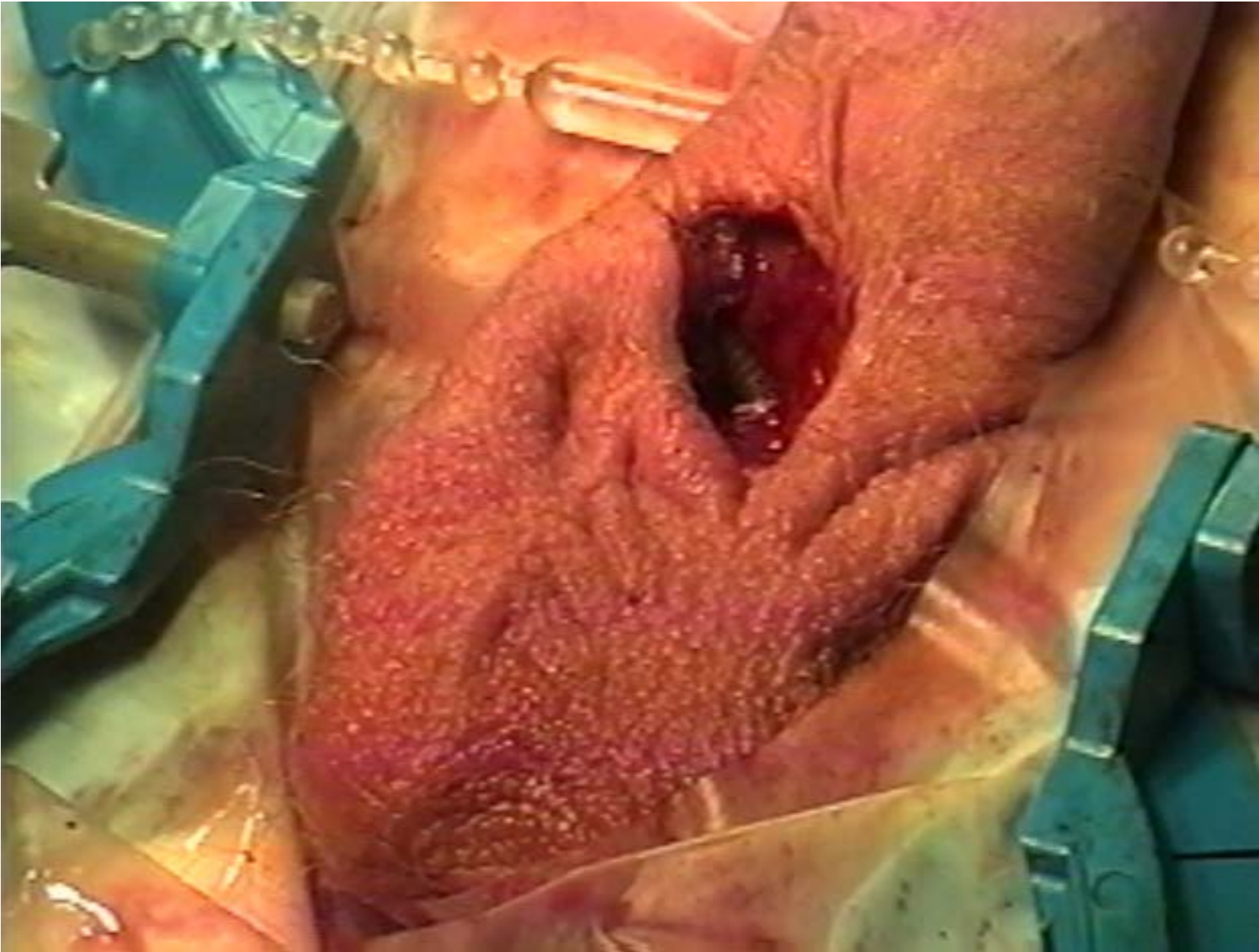












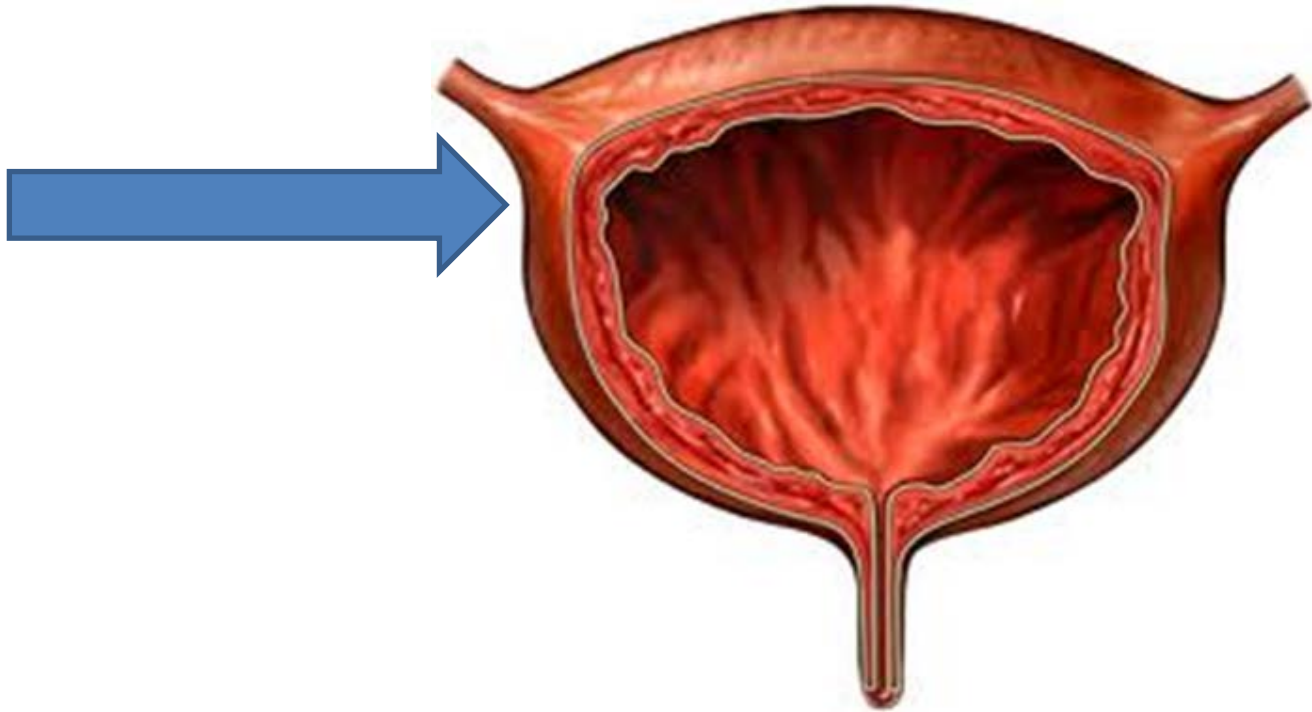


Incontinencia de Orina de origen Vesical

- Vejiga Hiperactiva
- Contracciones vesicales involuntarias que generan frecuencia miccional aumentada, urgencia miccional e Incontinencia de Urgencia



Incontinencia de Orina de Urgencia



Tratamiento

- Farmacológico



- Botox® OnabotulinumtoxinA



Cantidad

- La dosis ideal en vejiga hiperactiva ya está determinada
 - La mayoría de los estudios: 100 a 300 unidades



Dilución

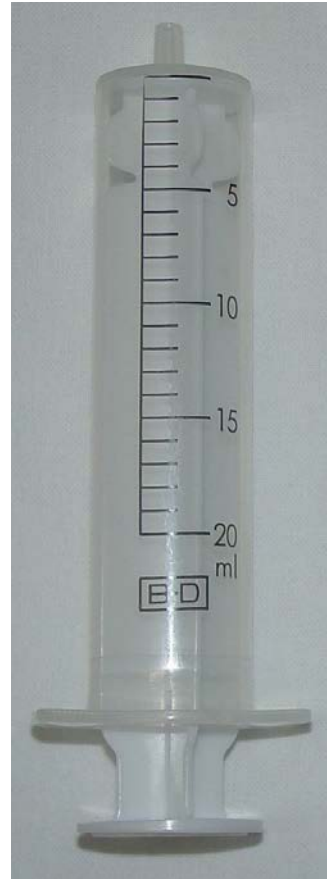
- La dilución ideal ya está determinada
- 10 u por ml.
- A mayor volumen, mayor distribución

Preparación de la dilución

- Solución Salina
- No burbujas
- No agitar
- Descartar frascos vacíos inmediatamente.
- Almacenamiento:
- Predilución -5°C (3 años)
- Postdilución: 2 a 8°C (4 hs)

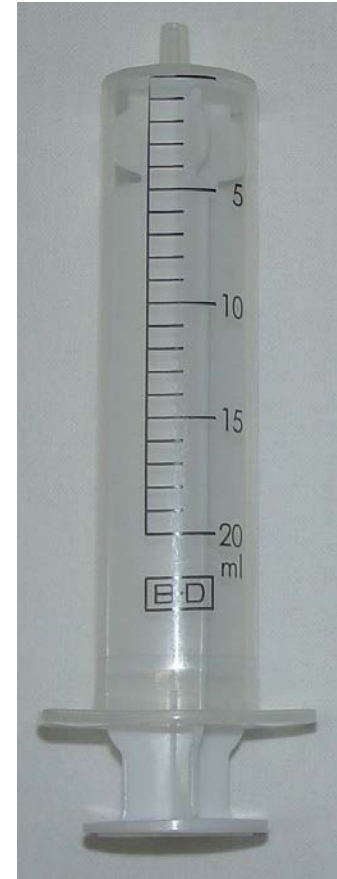
100 u

10



5

10



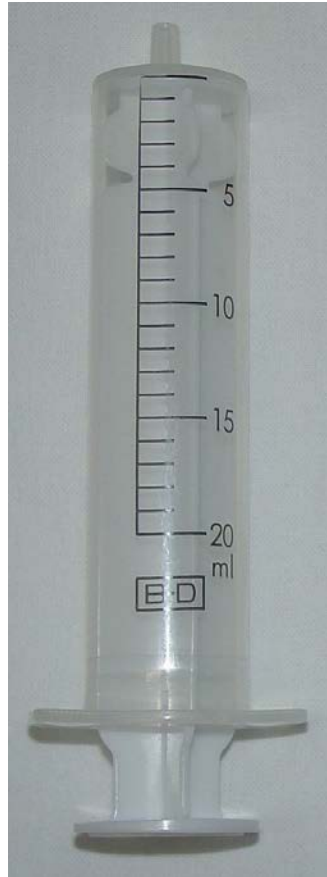
10 ml
100u



10 ml sol + 5 ml Botox =
50u

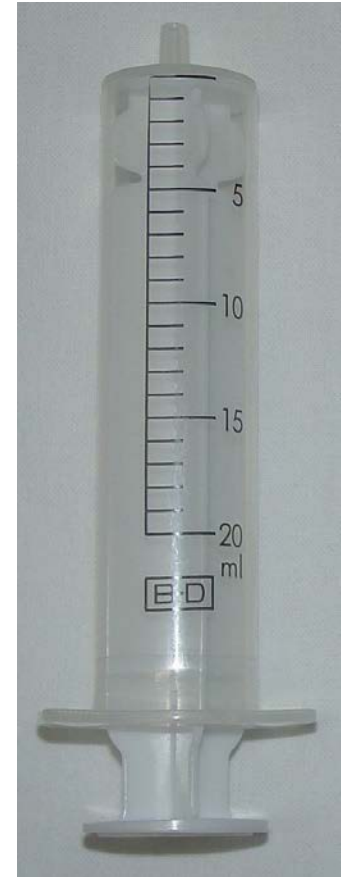
15 ml x 2 = 30 ml
100u

200 u



4

11



4

11

4 ml + 11 ml = 15 ml de solución x 2 = 30 ml
100 u 200 u

300 u



10



10 ml

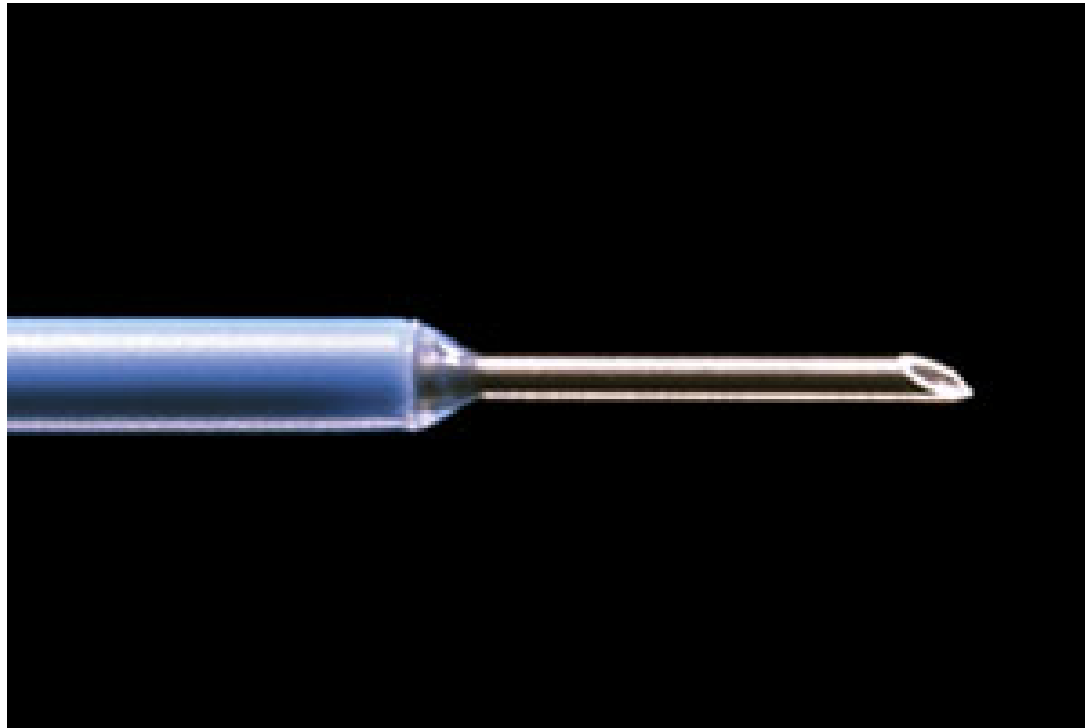
x 3 = 30 ml

Instrumental

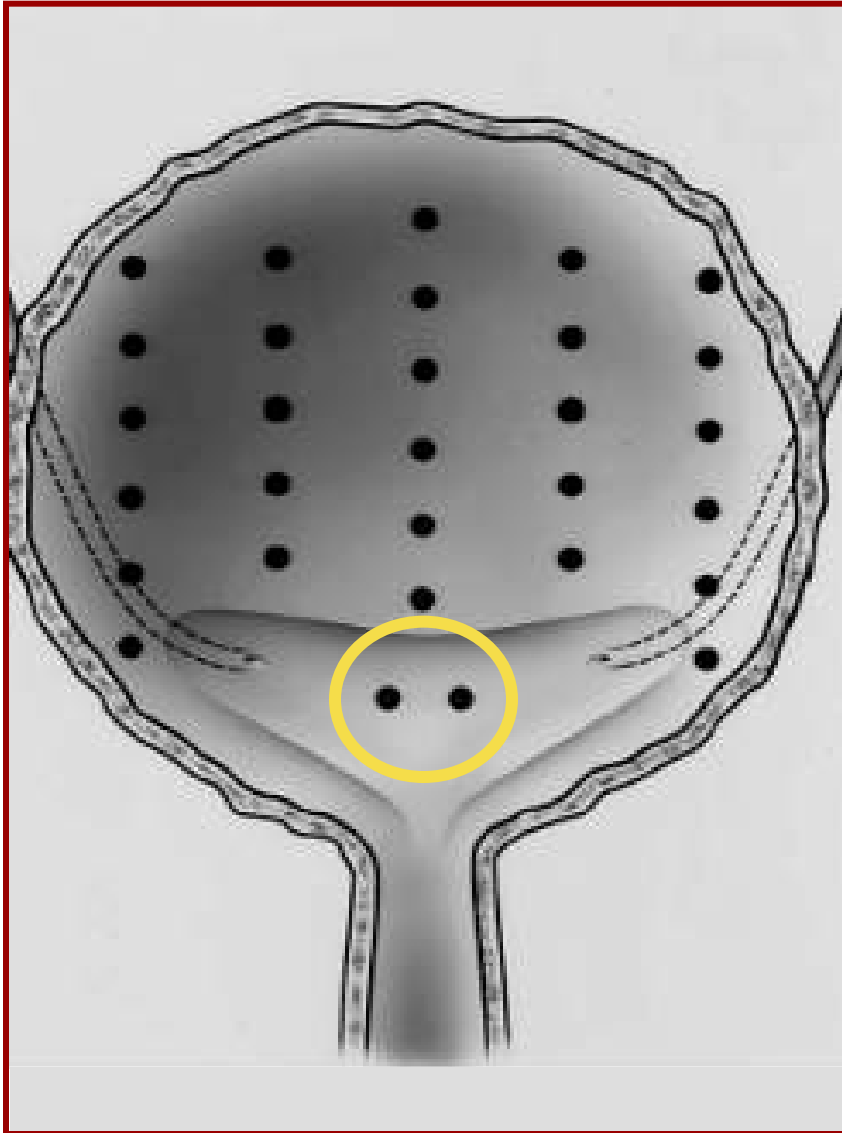
- Uretrocistofibroscopio Flexible o Rígido.
 - Flexible: Más comfortable, pero menos preciso
 - Rígido: Más preciso y más rápido.



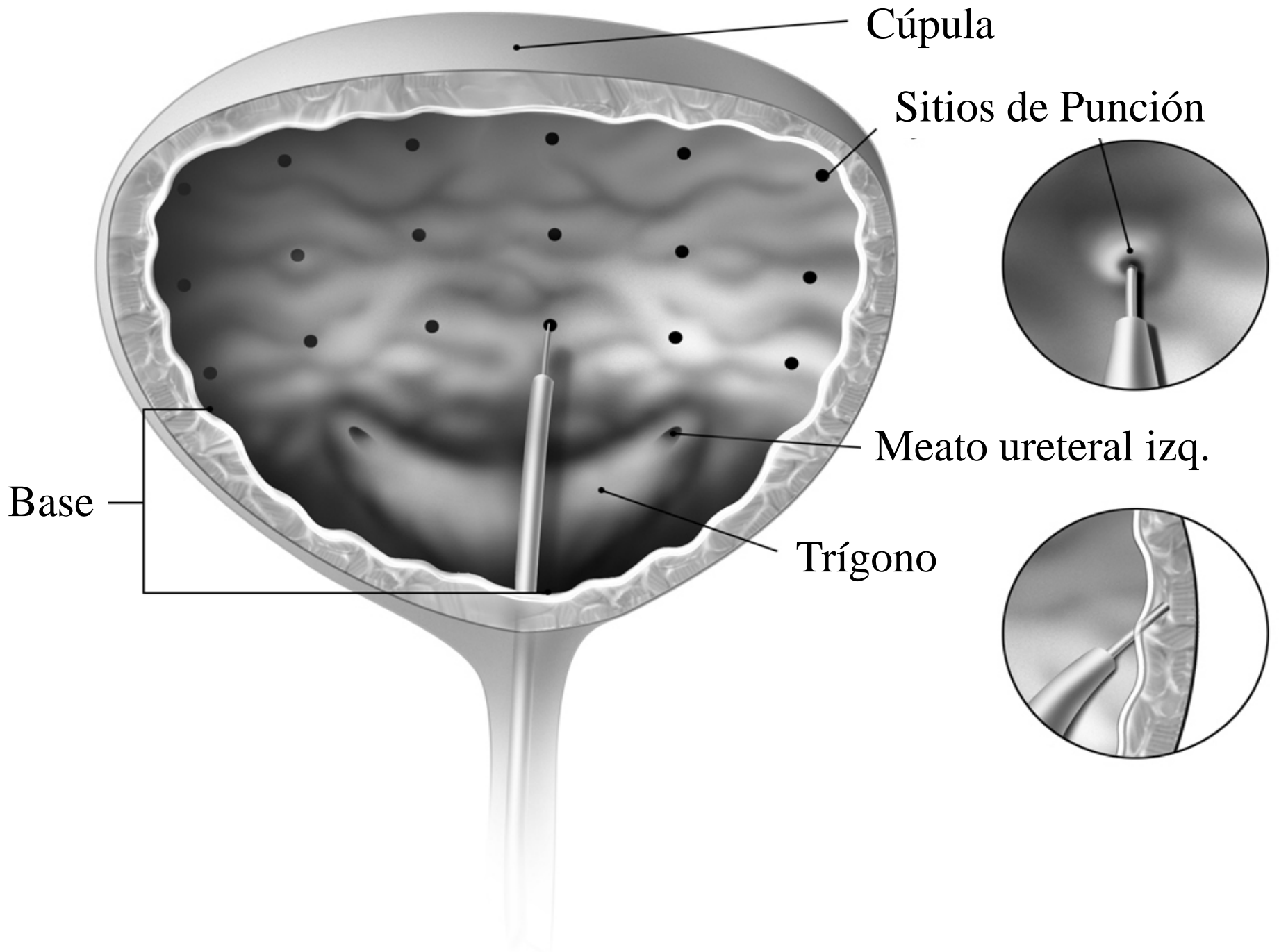
Instrumental



Sitios de Punción



- No estandarizada
- 20 a 30 sitios
- Trígono: opcional
- ¿Solo triángulo?

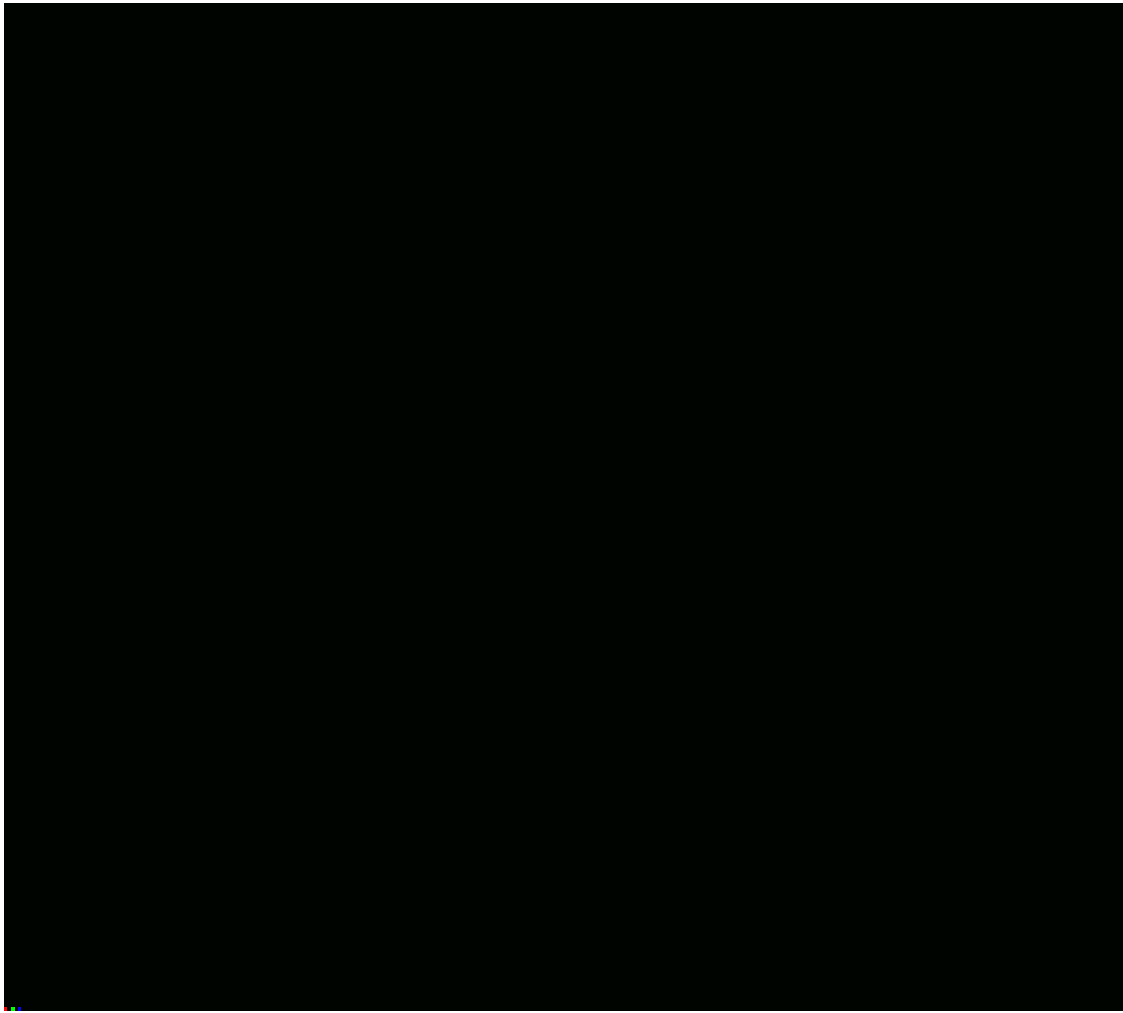


Instrumental Necesario

- Solución de Iodopovidona
- Gasa chica
- Jalea estéril de lidocaína
- Jeringa de 20cc
- Funda de endocámara
- Guía V14
- Uretrocistofibroscopio
- Aguja de inyección endoscópica (Aguja de Williams) (7 Fr)
- Jeringas con Botox reconstituído
- Aguja 40/8











Gracias por su
Atención