



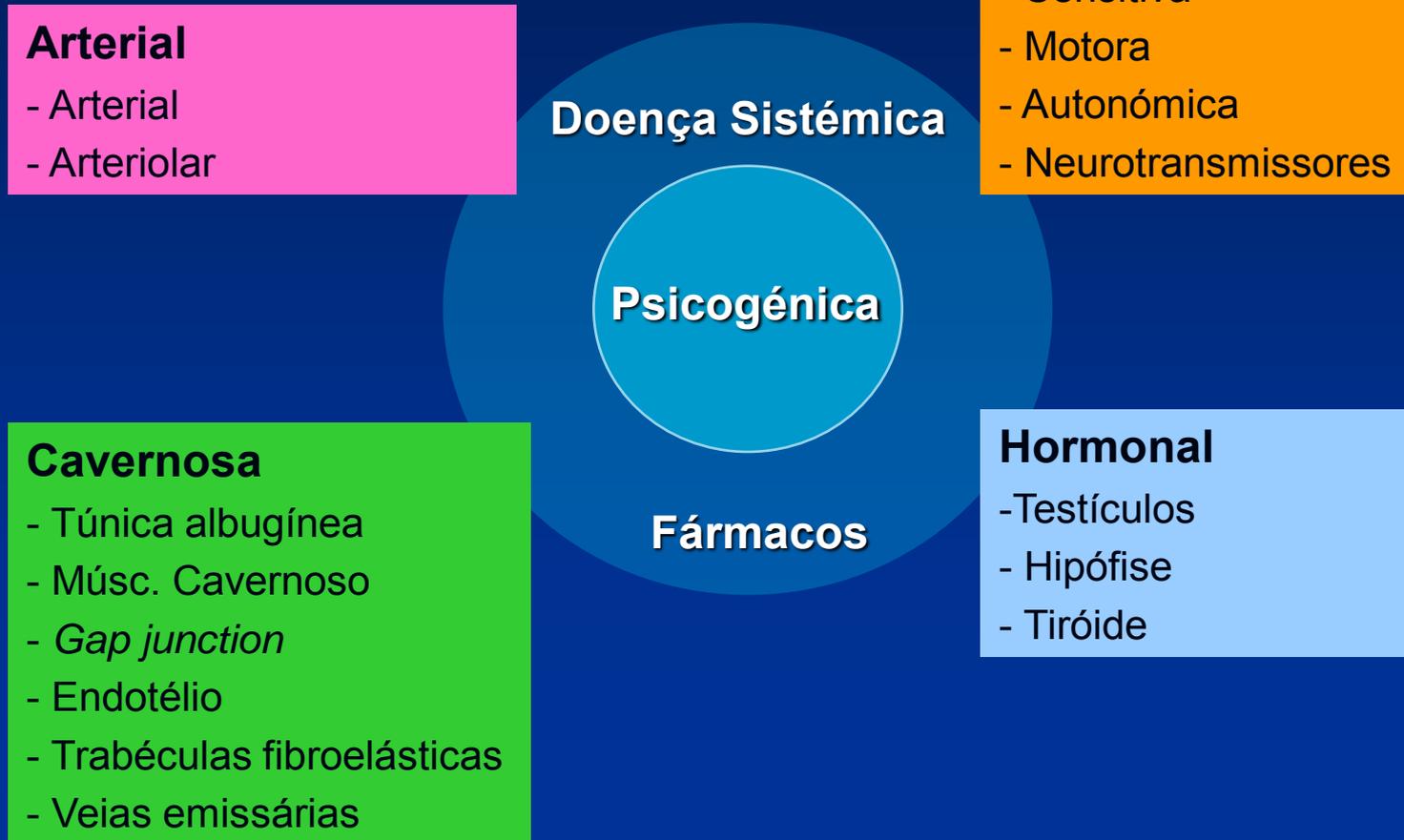
Próteses Penianas Indicações e Complicações

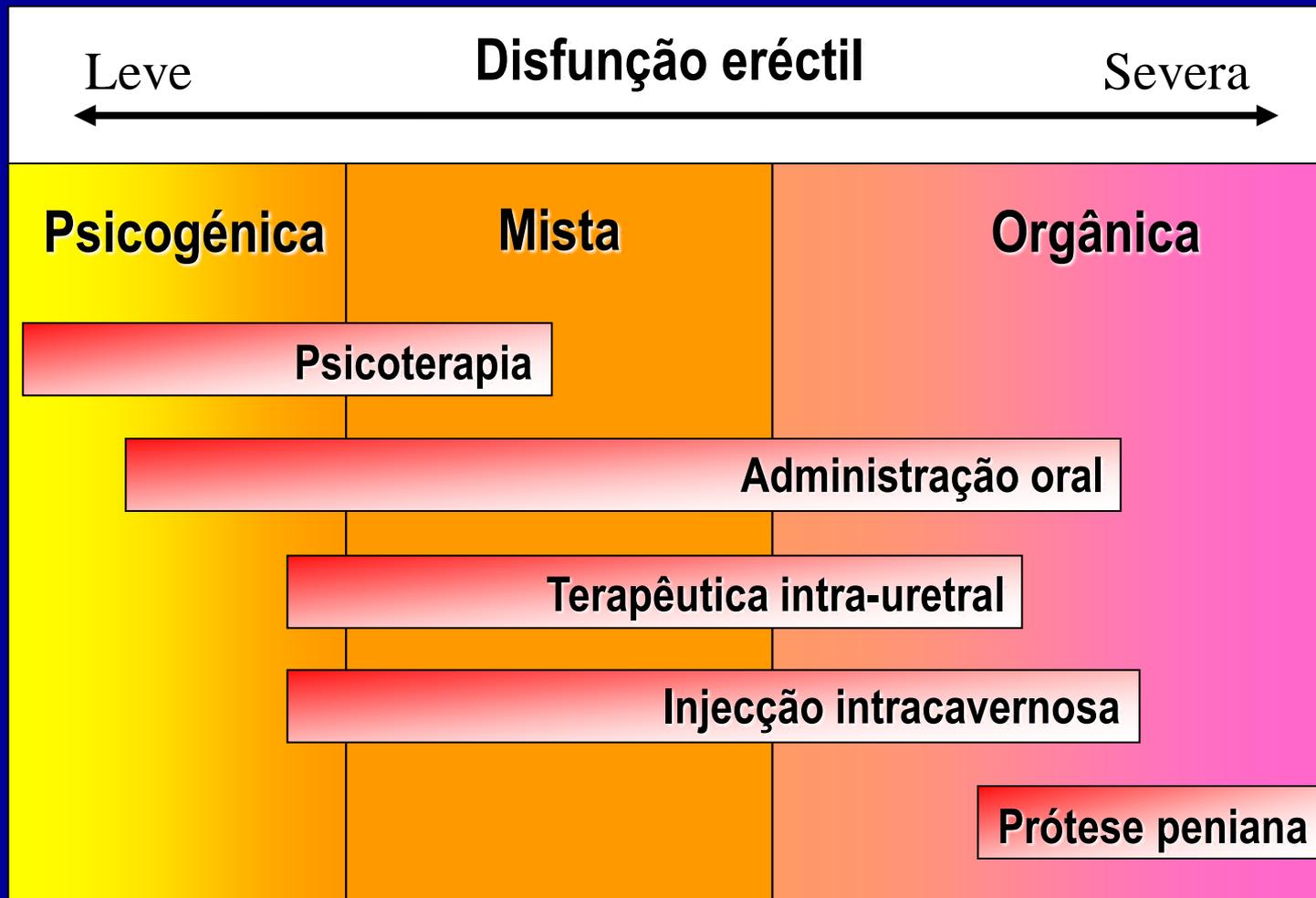
Nuno Tomada

Serviço de Urologia do Hospital S. João
Faculdade de Medicina da UP

IX *Workshop* de Urologia Oncológica, 18 de Abril de 2008

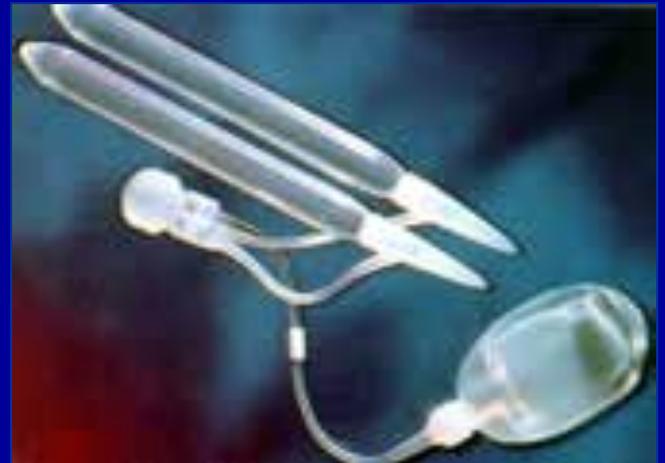
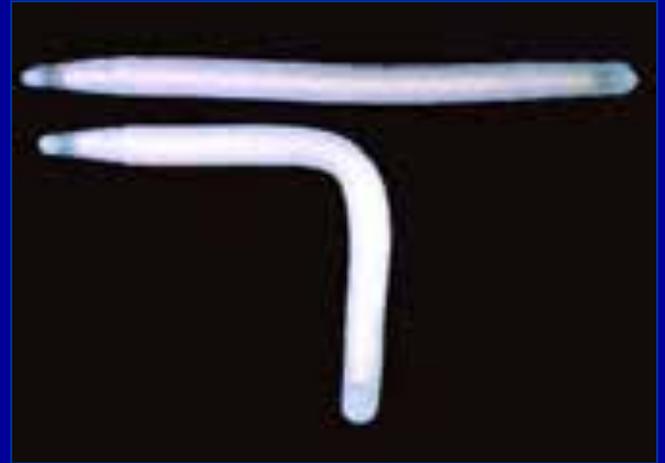
Patofisiologia Disfunção Eréctil



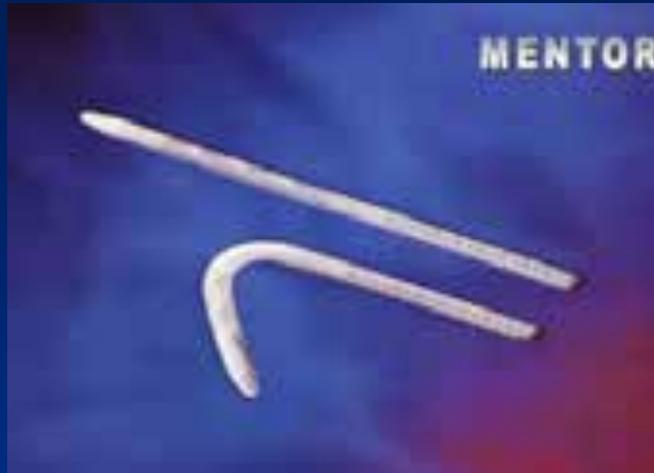


1973

Prótese peniana insuflável



Próteses Penianas Semi-rígidas



Doentes mais idosos

Baixa capacidade manual

Pior Estética e Funcionalidade

Custo mais reduzido

Menor taxa de disfunção mecânica



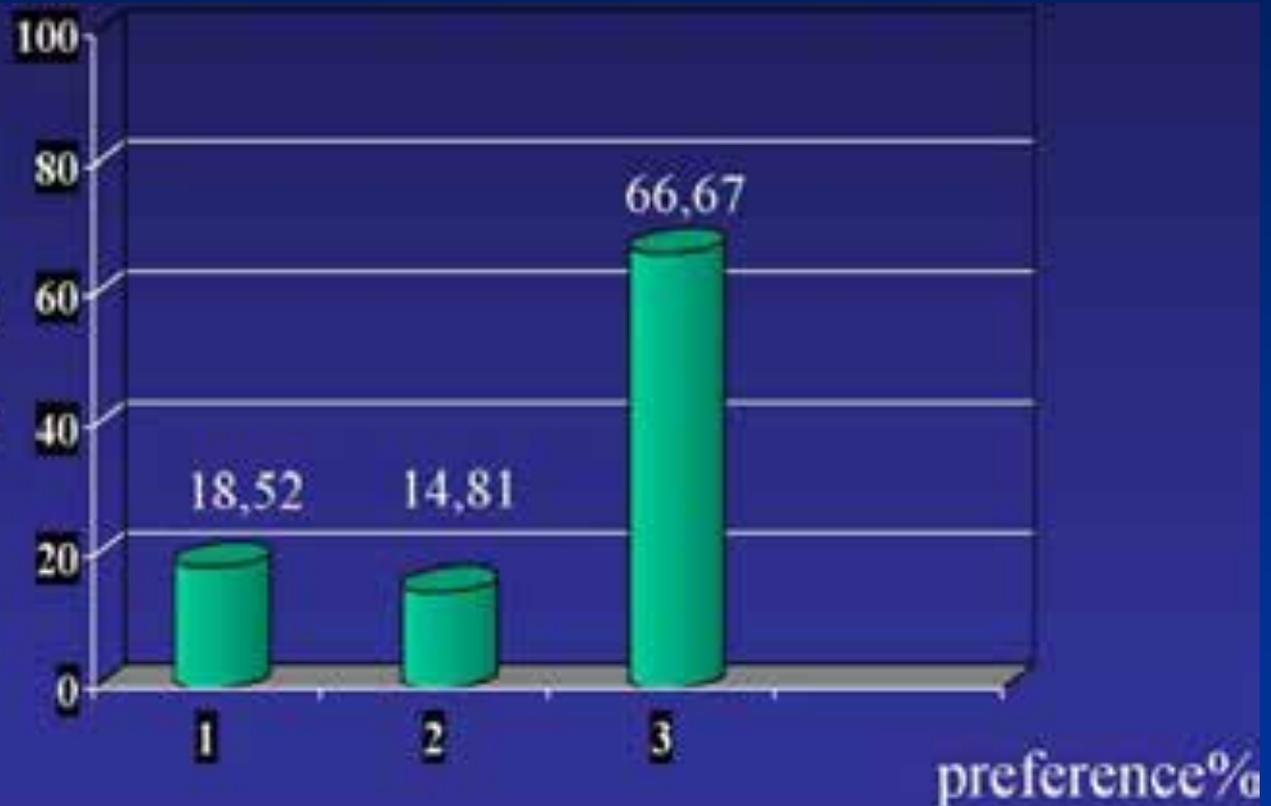
Próteses Penianas Insufláveis

Dois componentes



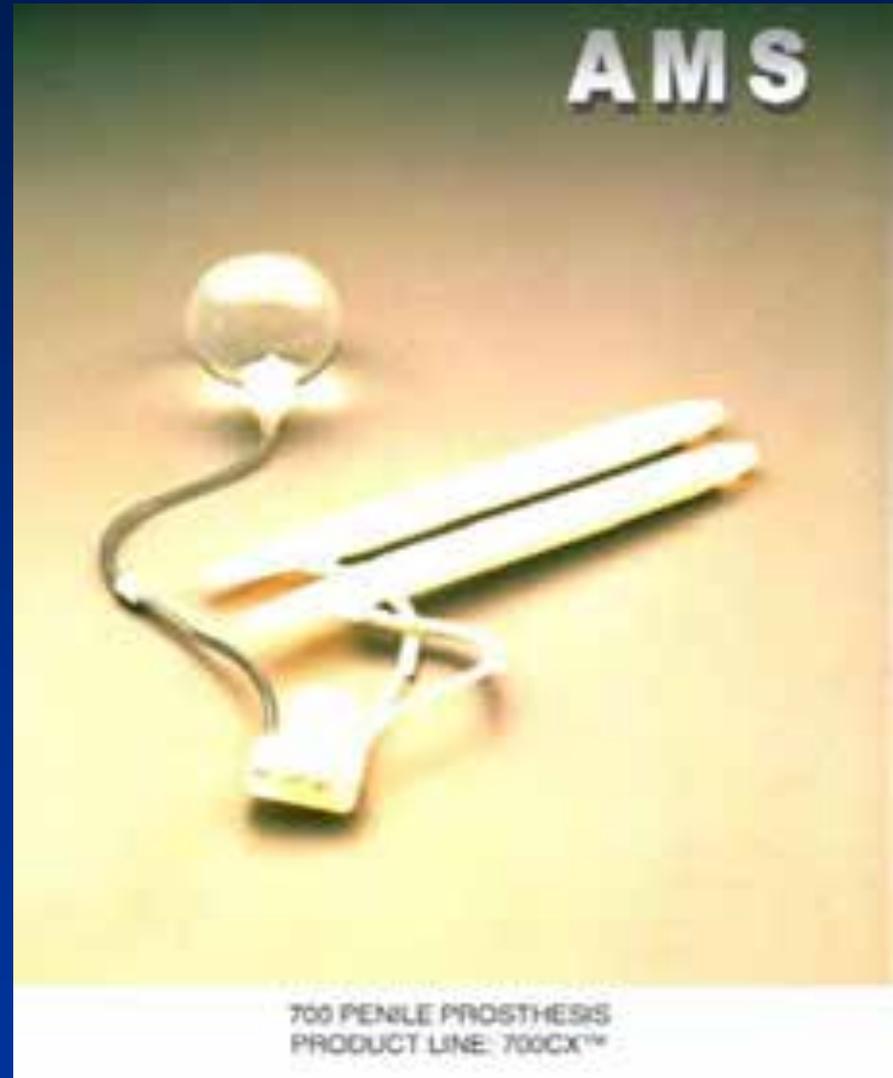
Estudos de Preferência

- 1) malleable
- 2) inflatable 2-piece
- 3) inflatable 3-piece

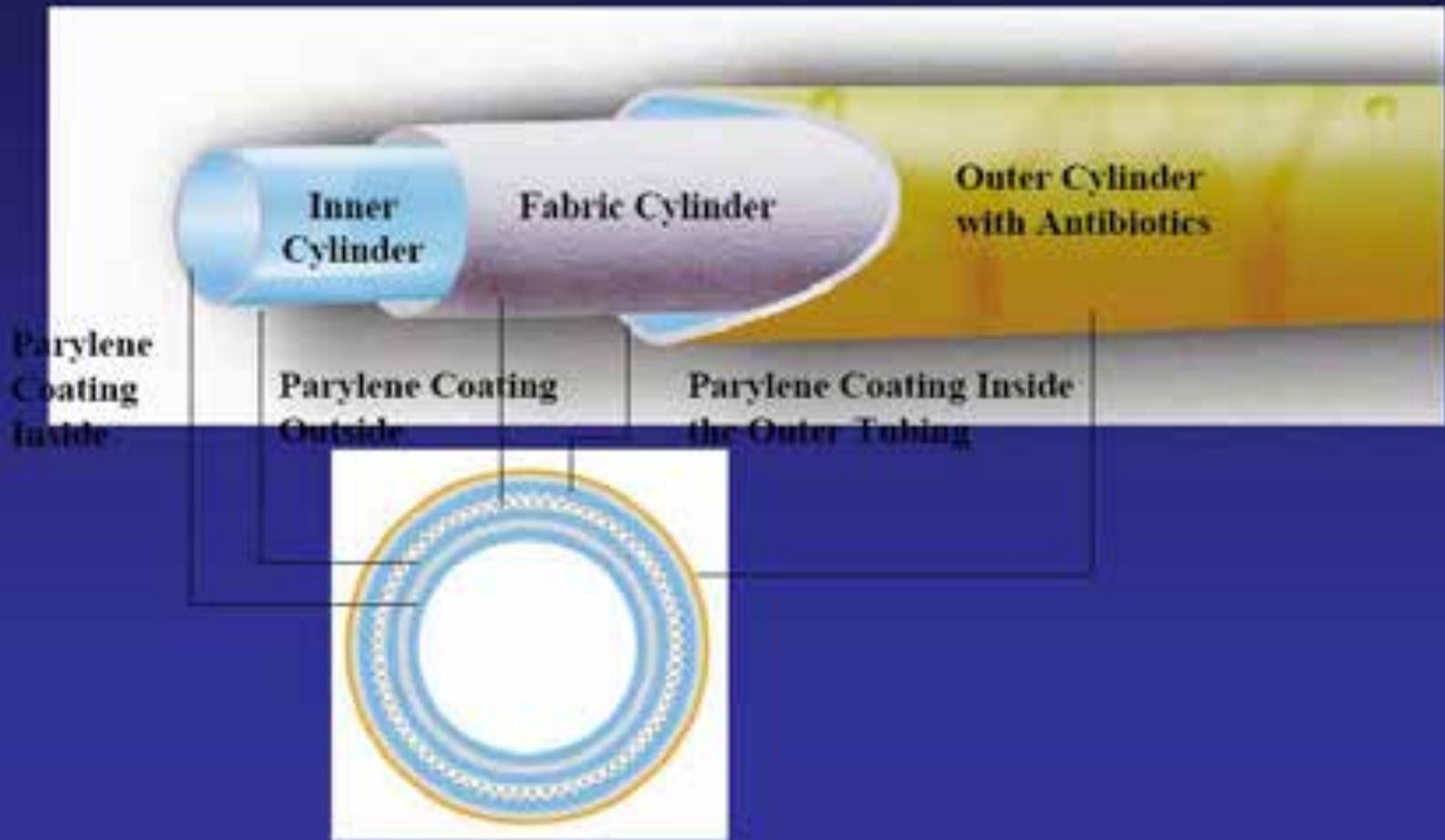


American Medical Systems

- CX
- CXR
- Ultrex- LGX
- Inhibizone[®]
- Bomba melhorada
(com maior
capacidade e de mais
fácil manipulação)
- Momentary squeeze[®]
- Parilene



American Medical Systems



Coloplast – Titan Resist[®]

- Titan
- *Narrow base*
- Bioflex[®]
- Resist[®] – revestimento PVP
- Válvula Lock-out[®]
- *One-touch release pump*
OTR[®]



Coloplast – Titan Resist[®]

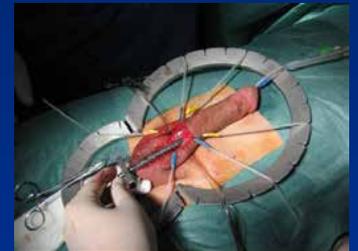
Abordagem Infrapúbica vs Peno-escrotal ?

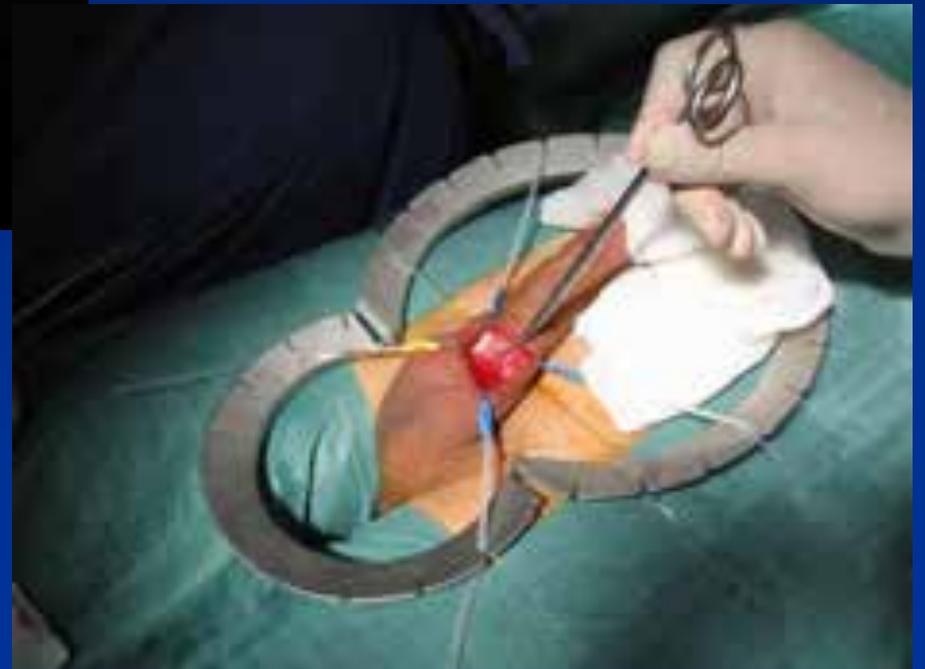
- Exposição dos corpos cavernosos
- Lesão do feixe neurovascular
- Resultado estético
- Colocação da bomba na posição correcta
- Colocação do reservatório sob visão directa

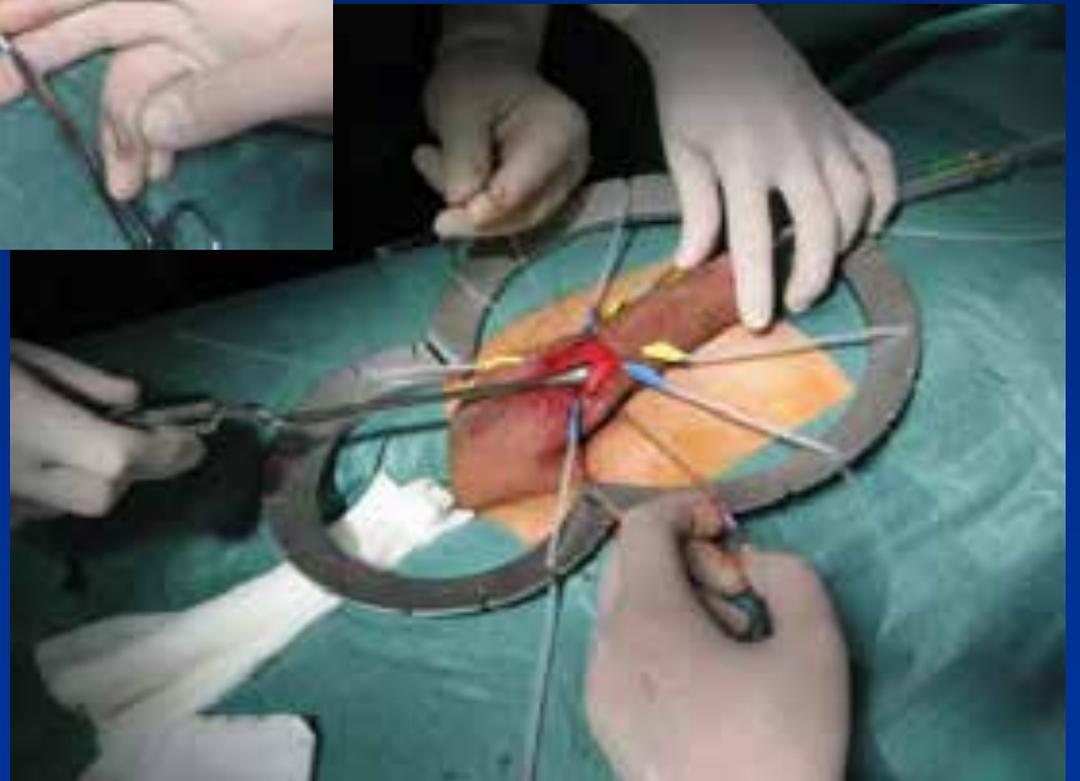
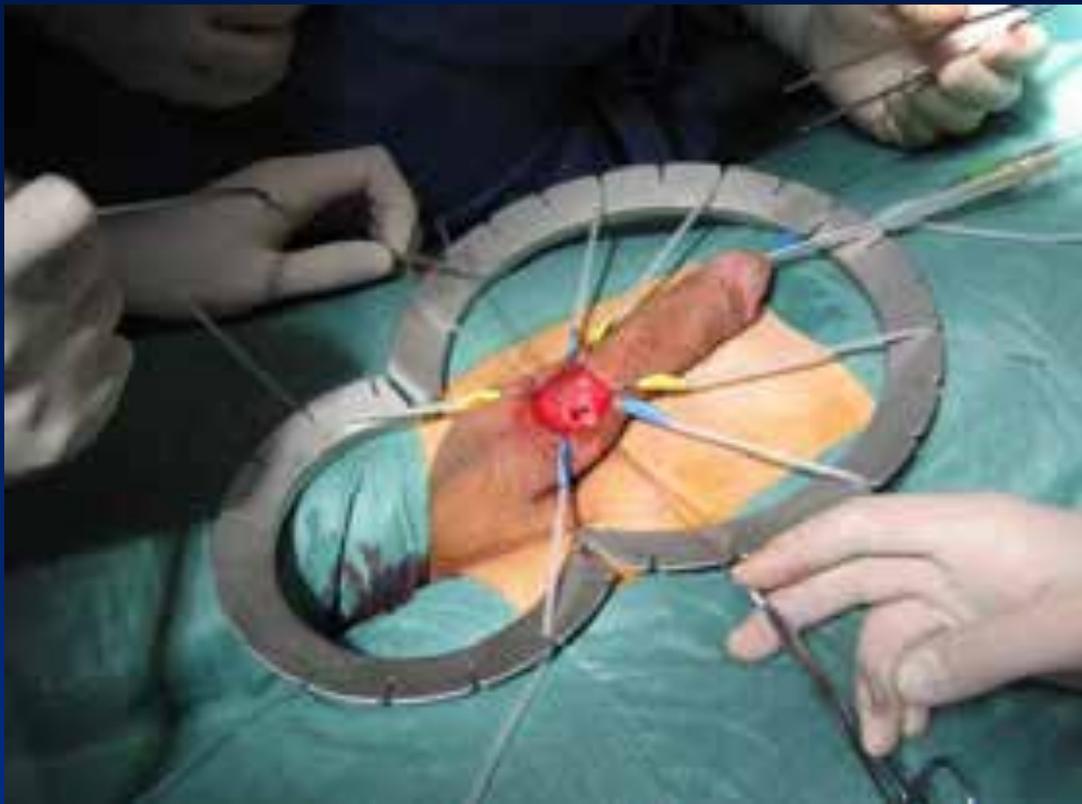
Coloplast – Titan Resist[®]

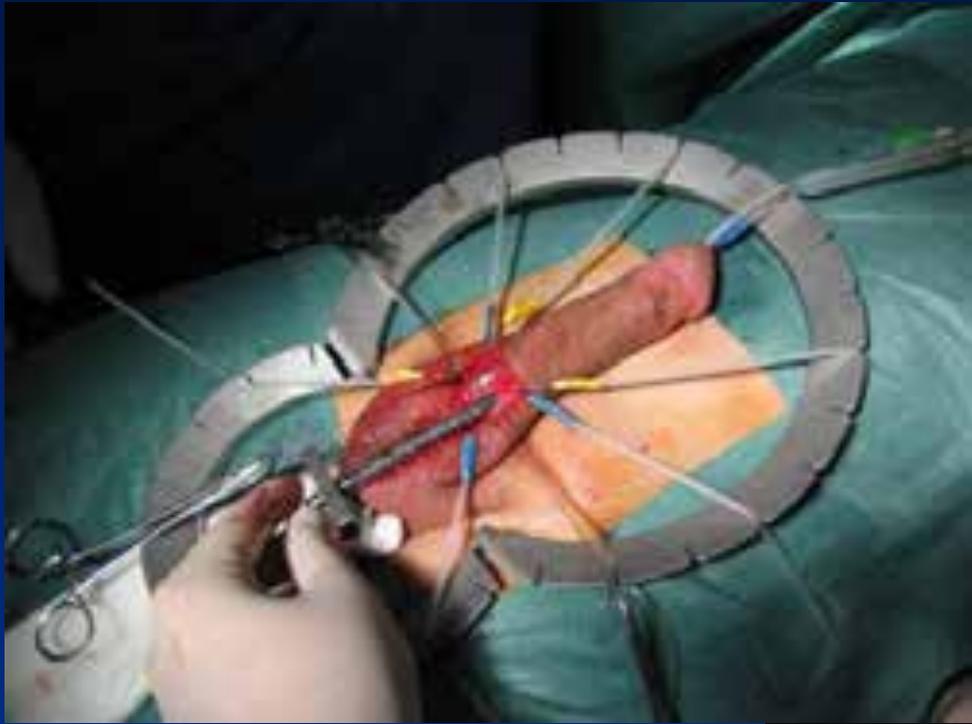
2001 to 2007 n=21

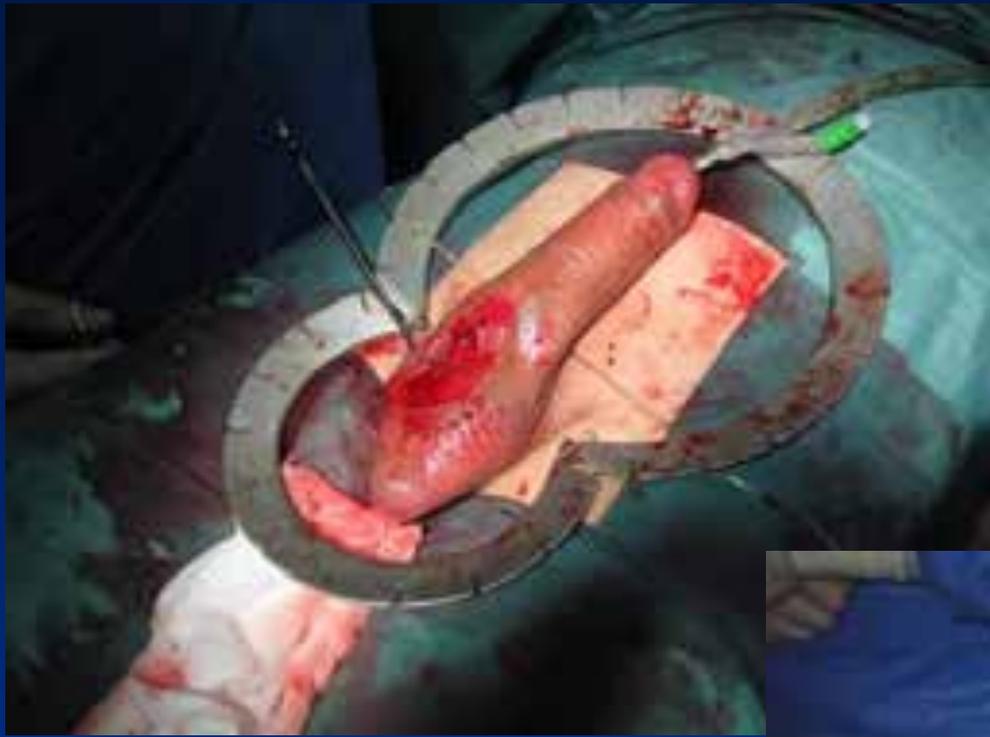
- Three piece penile implant (Mentor Titan[®])
- Mean age at surgery 55 years (38-73 yrs)
- Mean follow-up 28 months (3-77 mo)











Coloplast – Titan Resist[®]

- Postoperative complications 33.3% (7/21)
 - minor complications 23.8% (5/21)
 - infected prosthesis 9.5% (2/21)
- **No reports of mechanical failure or prosthesis revision**
- Patients' complaints
 - penile shortening in 7/21 (38.9%)
 - poor glandular engorgement in 6/21 (33.3%)
- Partners' main complaint
 - unnaturalness of the prosthetic erection in 5/21 (27.8%)

Coloplast – Titan Resist[®]

Experiência HSJ

Global satisfaction



The majority of patients were satisfied after surgery, with significant improvement in libido and relationship with partners

Desvantagens

Custo

Incapacidade manual

**Anomalias anatómicas
escrotais ou abdominais**



Complicações

Intra-operatórias

Laceração da uretra

Perfuração crural

Cross-over



Pós-operatórias

Mecânicas

Infecção

Erosão

Deformidades penianas- SST



Profilaxia da Infecção

- ▶ Lavagem antiséptica adequada
- ▶ Restrição ao movimento de pessoal no bloco op.
- ▶ Antibioterapia e.v. e perioperatória
- ▶ Tricotomia no bloco op.
- ▶ Inhibizone[®] e Revestimento PVP

Taxa de Infecção - 1 a 3% para 0.68 a 1.06%

Próteses Penianas

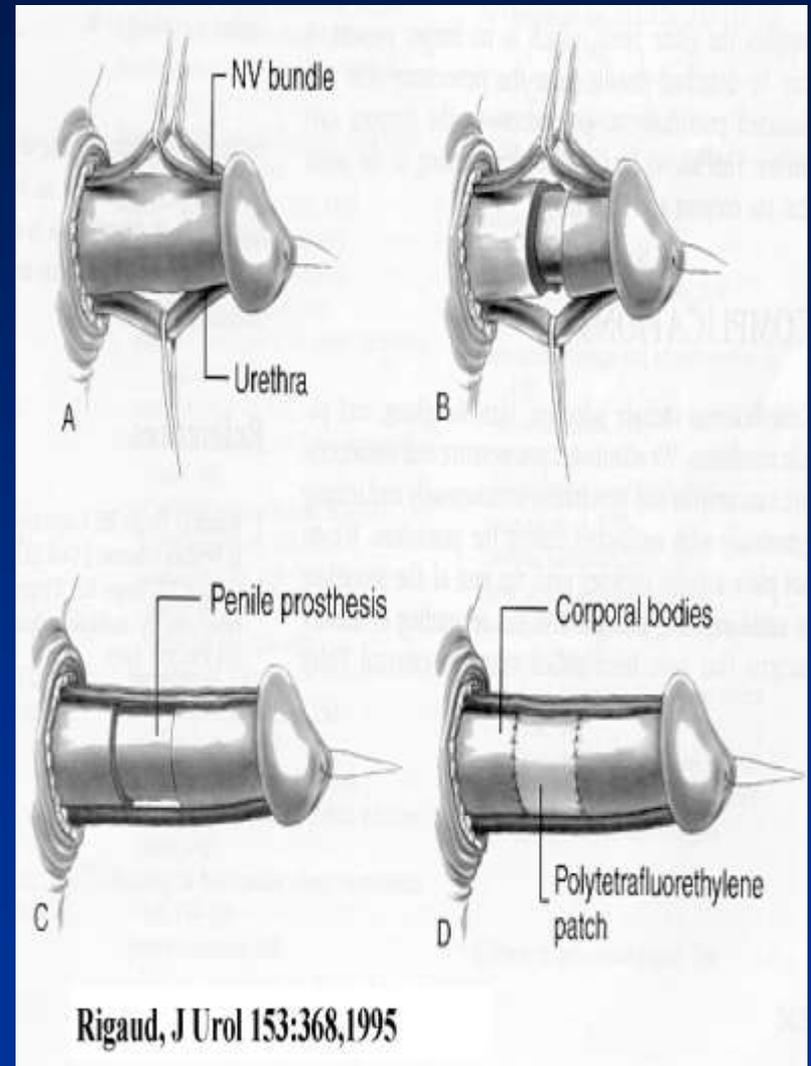
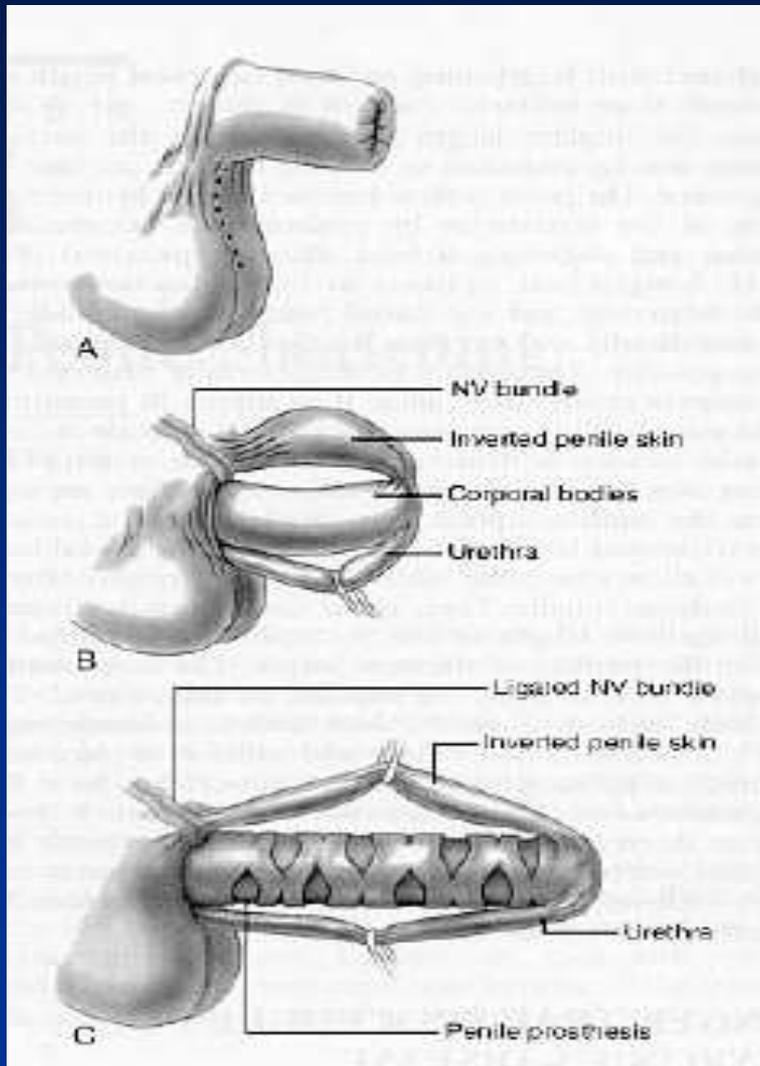
Outras Indicações ?

Doença de Peyronie

Amputação peniana

Micropénis

Transsexualismo



Transsexual *Female to Male*

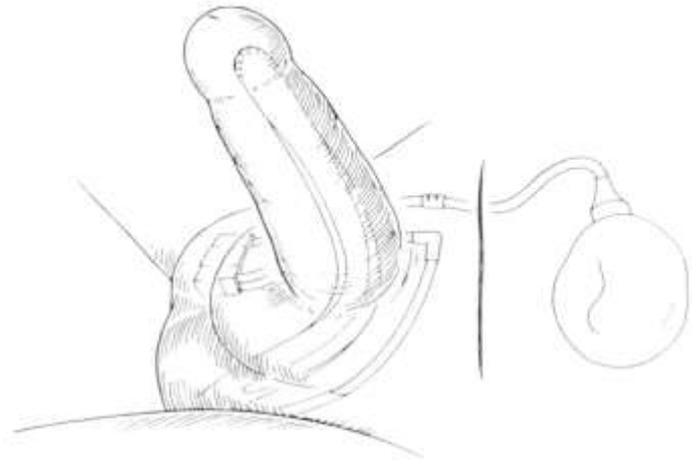


FIG. 4. Placement of various components, in this case multi-component, controlled expansion, hydraulic prosthesis.

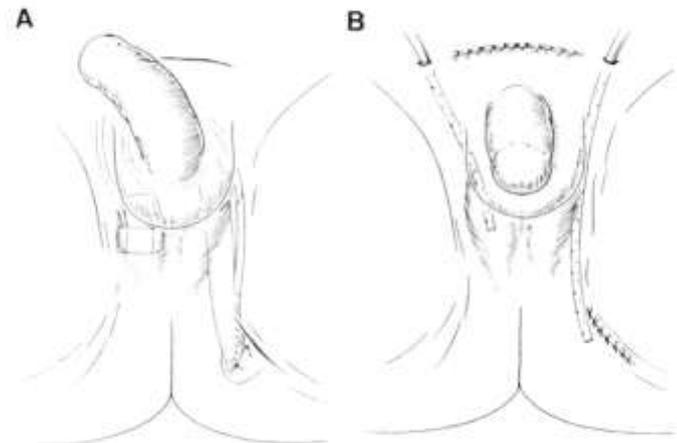


FIG. 5. *A*, view from lithotomy position demonstrates mechanism of fixation of proximal cylinder to ischial tuberosity. *B*, view from lithotomy position with incisions closed and suction drains in place.

Conclusões

- Tratamento eficaz para DE há mais de 30 anos
- Taxas de disfunção mecânica 5-15% aos 5 anos
- Taxas de infecção diminuíram com as próteses mais recentes apesar da presença de biofilme
- Tratamento mais invasivo mas taxas de satisfação consistentemente elevadas

