

Técnica Cirúrgica em Cirurgia Vascular

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História

- 1759 – Hallowell – sutura de a. braquial
- 1877 – Eck – 1ª anastomose lateral (porto-cava em cão)
- 1907 – Carrel
- 1907 – Lexer – 1º enxerto com v. safena
- 1950's – anestesia, heparina, arteriografia, catéters
- 70-80 – Dacron, PTFe
- 90 – Stents / Endoproteses
- 2000 – Angio CT/RM, terapia gênica

Materiais

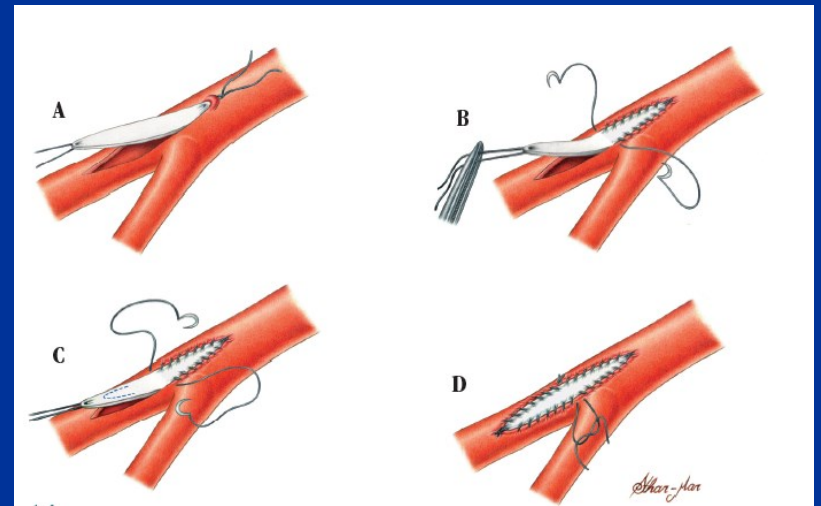
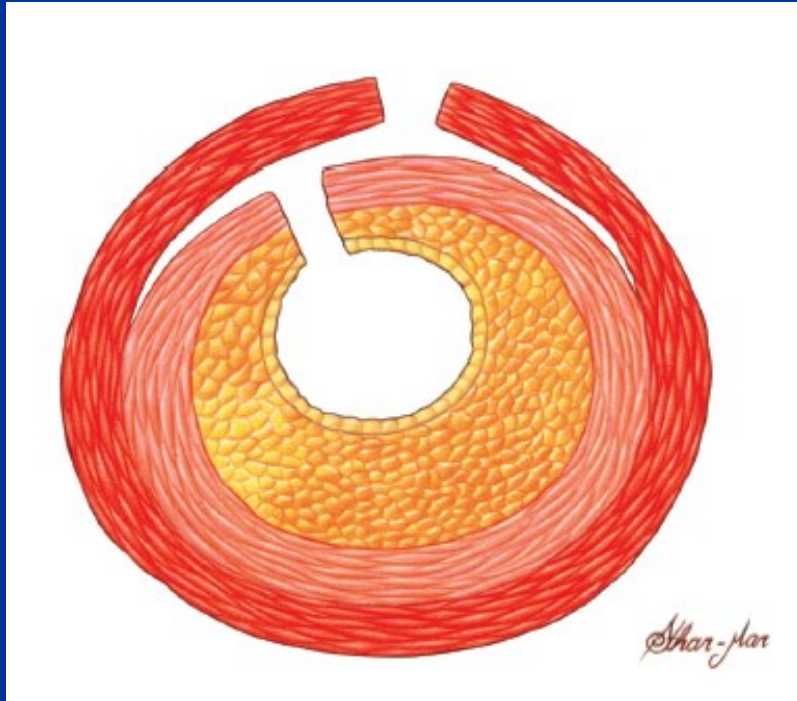
- Bisturi – lâmina 11
- Pinças – atraumáticas
- Clamps – “bulldogues”, Satinsky, DeBakey
- Porta-agulhas – ponta de Widea
- Tesouras – Boyden, Potts
- Descolador de placa
- Anéis de Wollmar
- Catéter de Fogarty

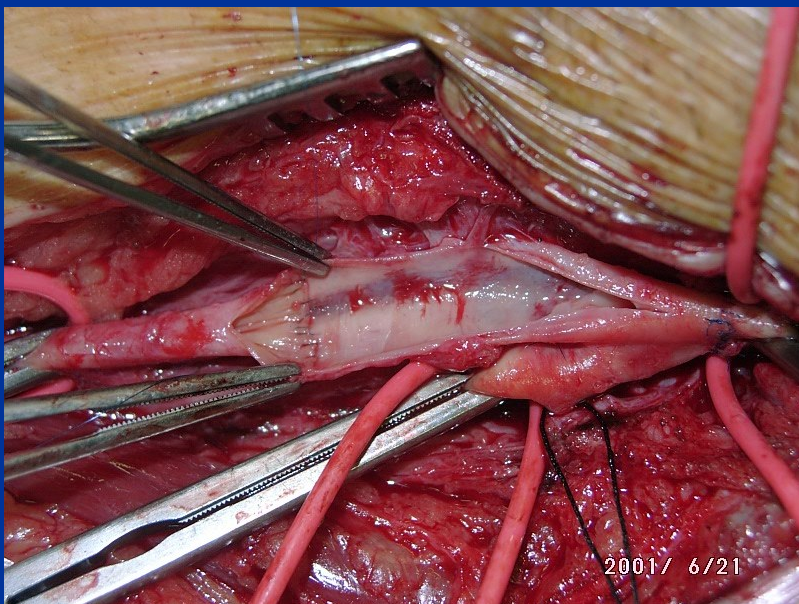
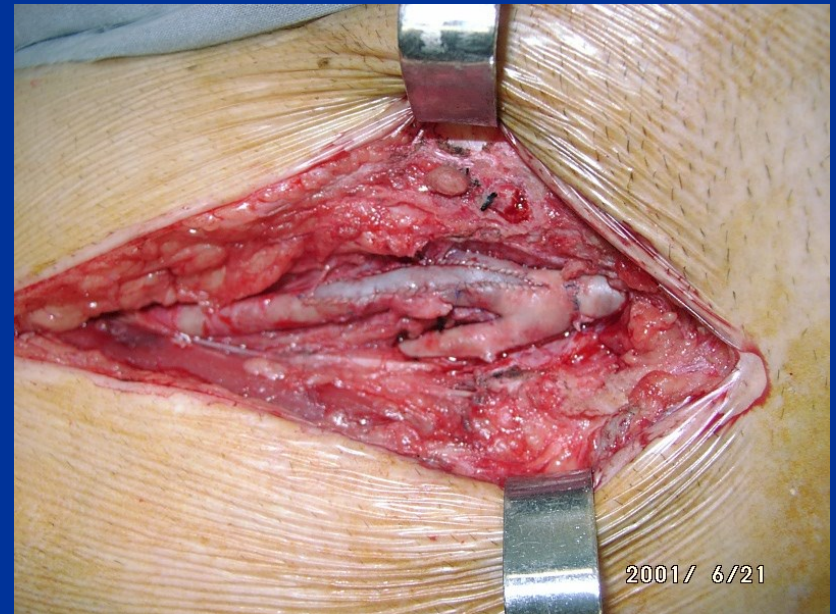
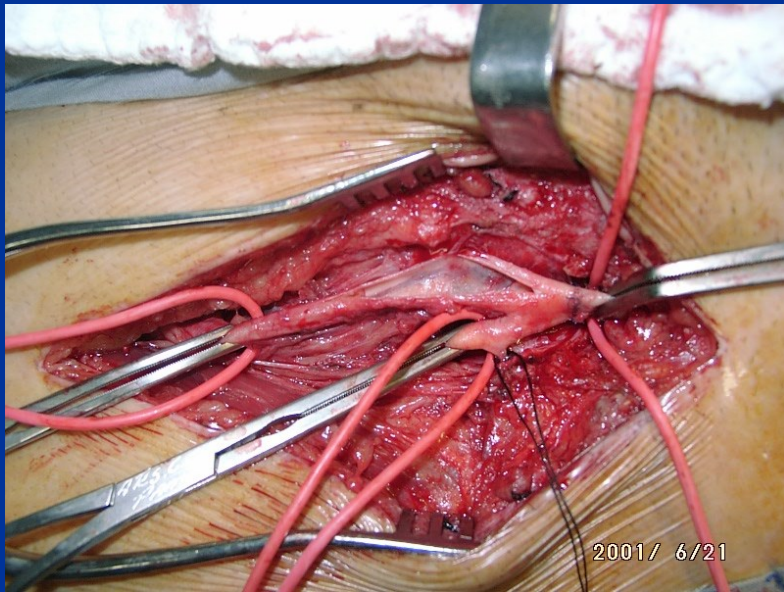
Princípios Básicos

- Diagnóstico (lesão vascular e lesões associadas)
- Via de acesso (aberta, endovascular)
- Exposição ao longo do trajeto
- Controles (proximal e distal)
- Substituto (shunt, primário, enxerto, prótese)
- Trajeto (anatômico, extraanatômico)
- Fasciotomias

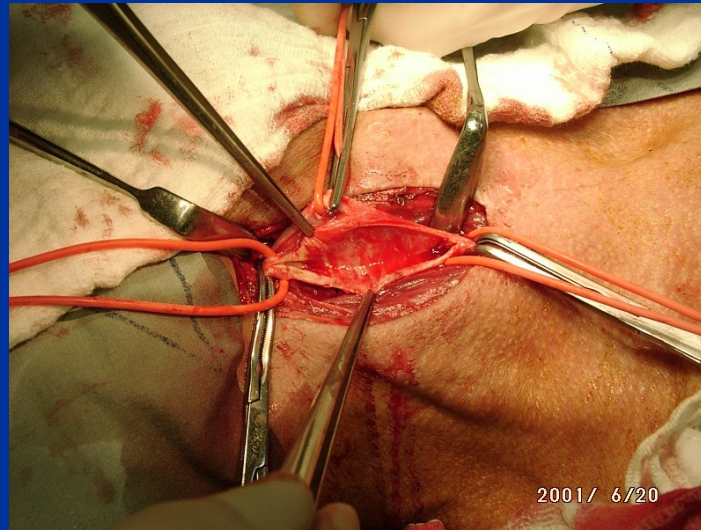
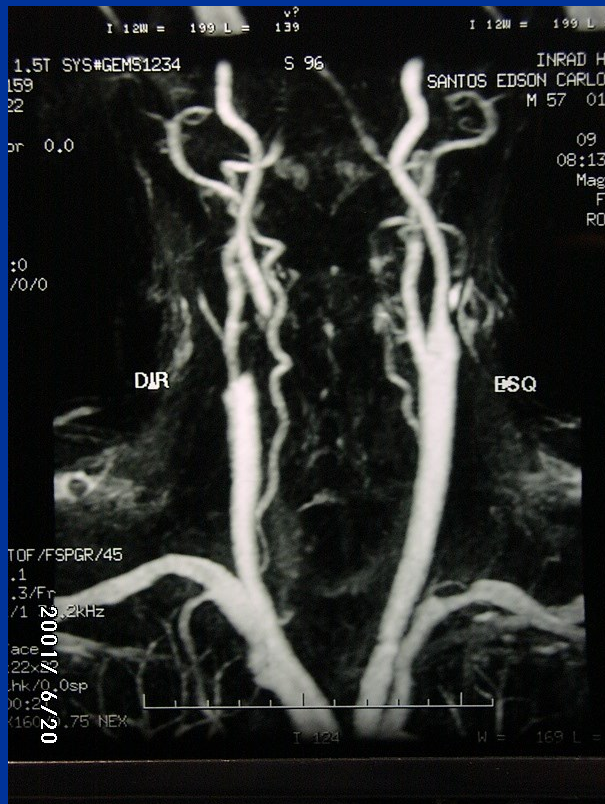
Sutura

- Ligadura X Sutura
- Fio monofilamentar com 2 agulhas cilíndricas
- Prolene
- Fixar a placa
- Distância = 2x espessura
- Término-Terminal, T-Lateral, L-L

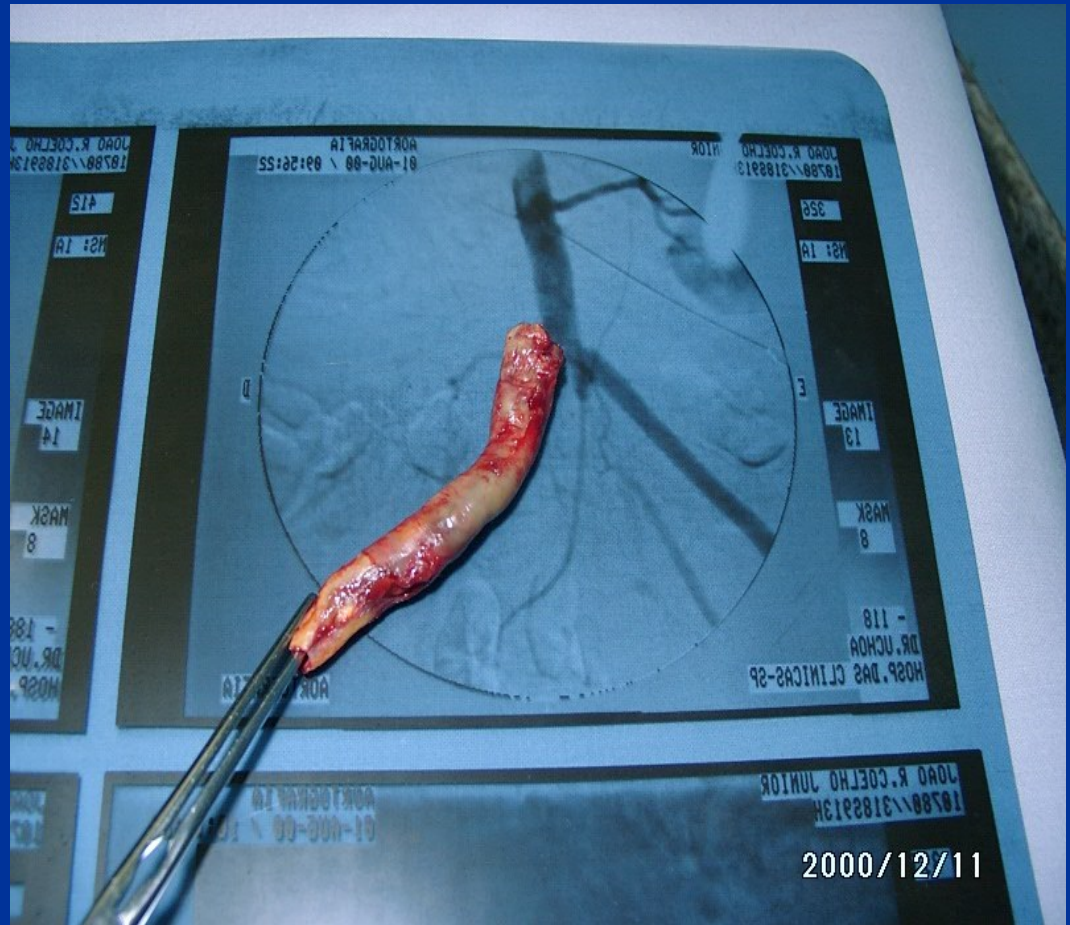




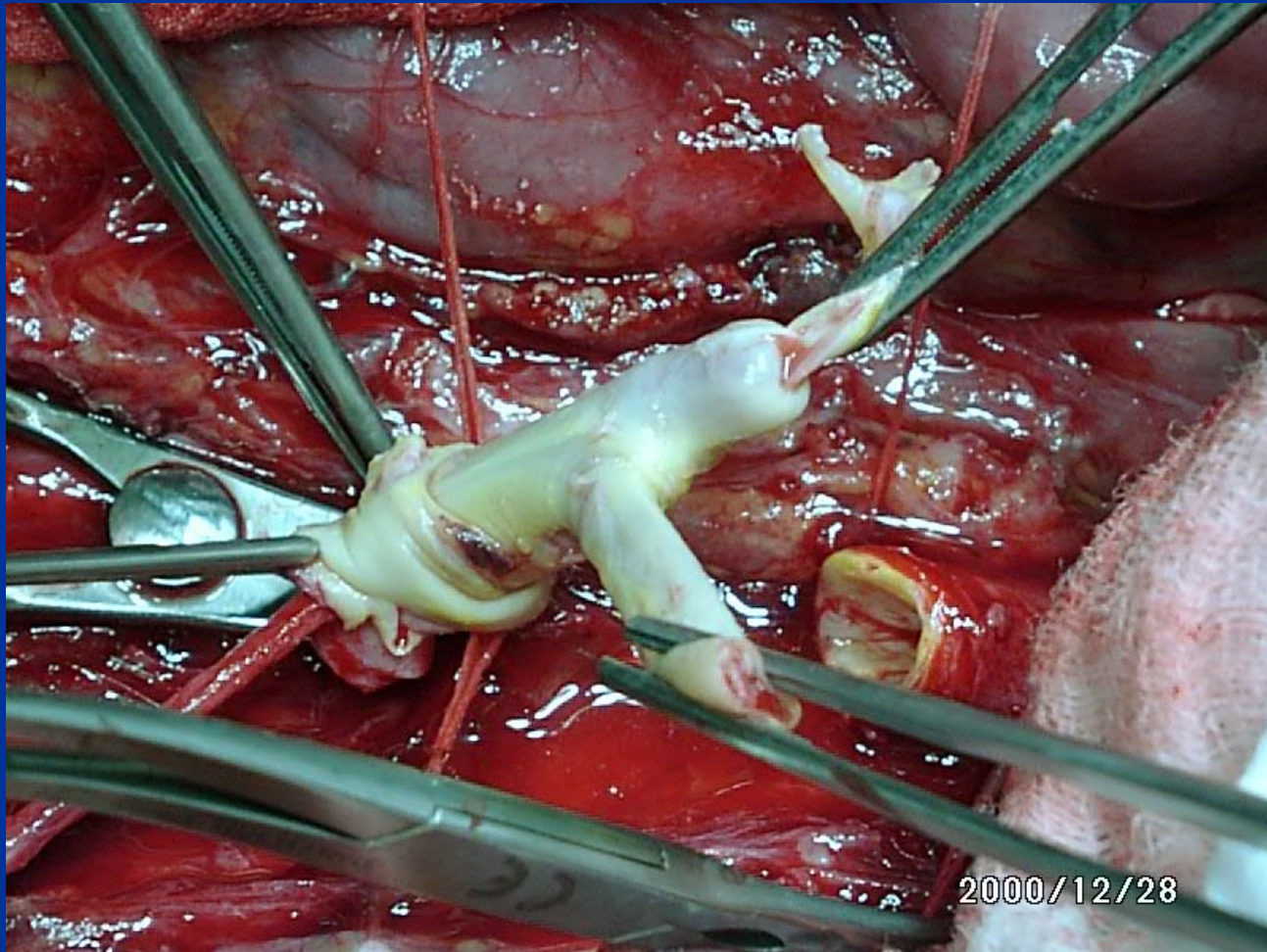
Endarterectomy



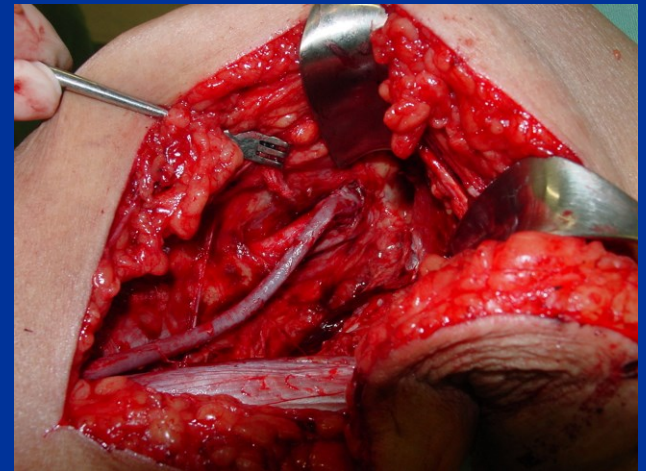
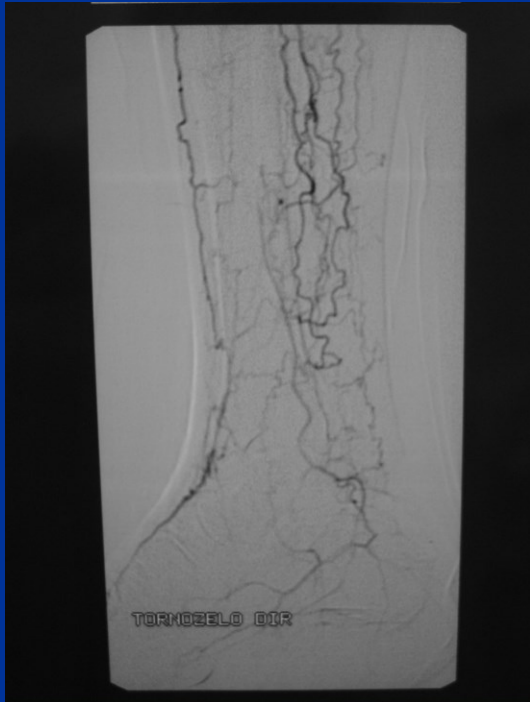
Endarterectomy por Anel



Endarterectomia por Eversão

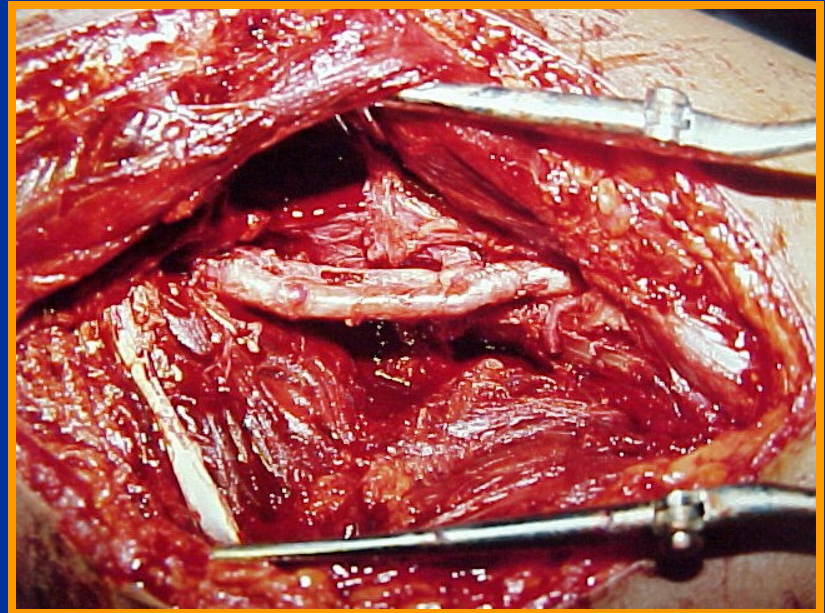


Enxertos



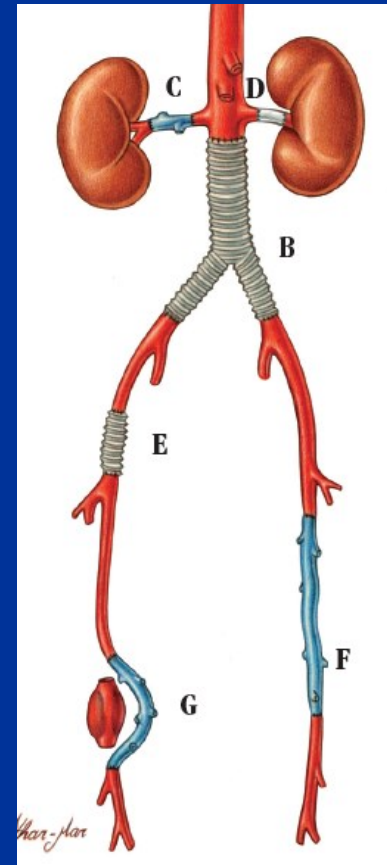
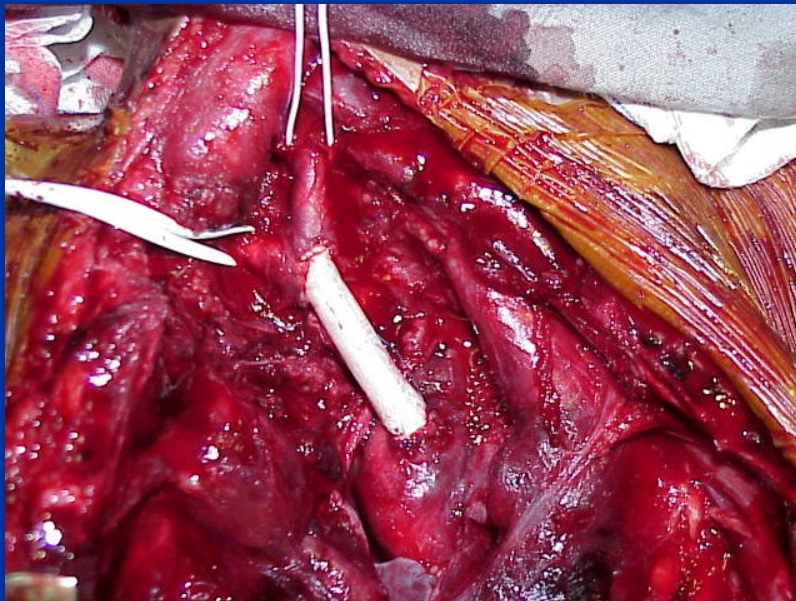
Substitutos

- Veias
 - Safena Interna
 - Safena externa
 - Basílica
 - Cefálica
 - Artéria
Endarterectomizada
 - V Femoral Superficial



Substitutos

- Dacron
- PTFe
- Pericárdio Bovino





2001/ 7/25

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mm / 1.0:1
n
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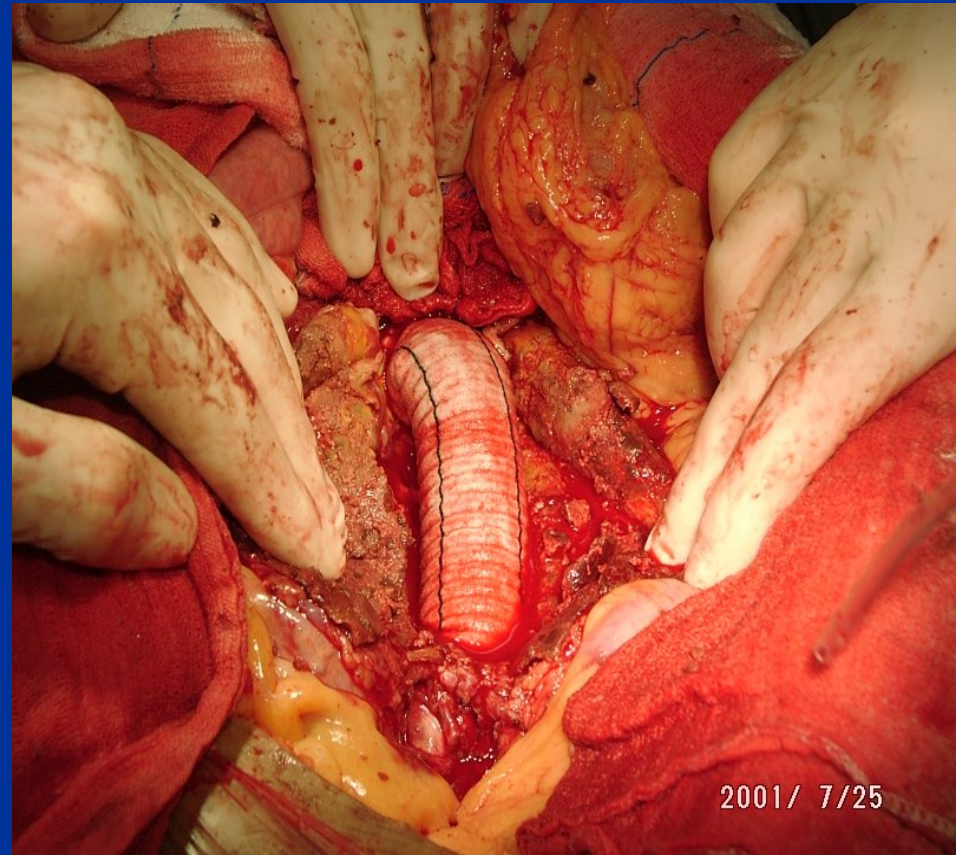
0HS0HC

10
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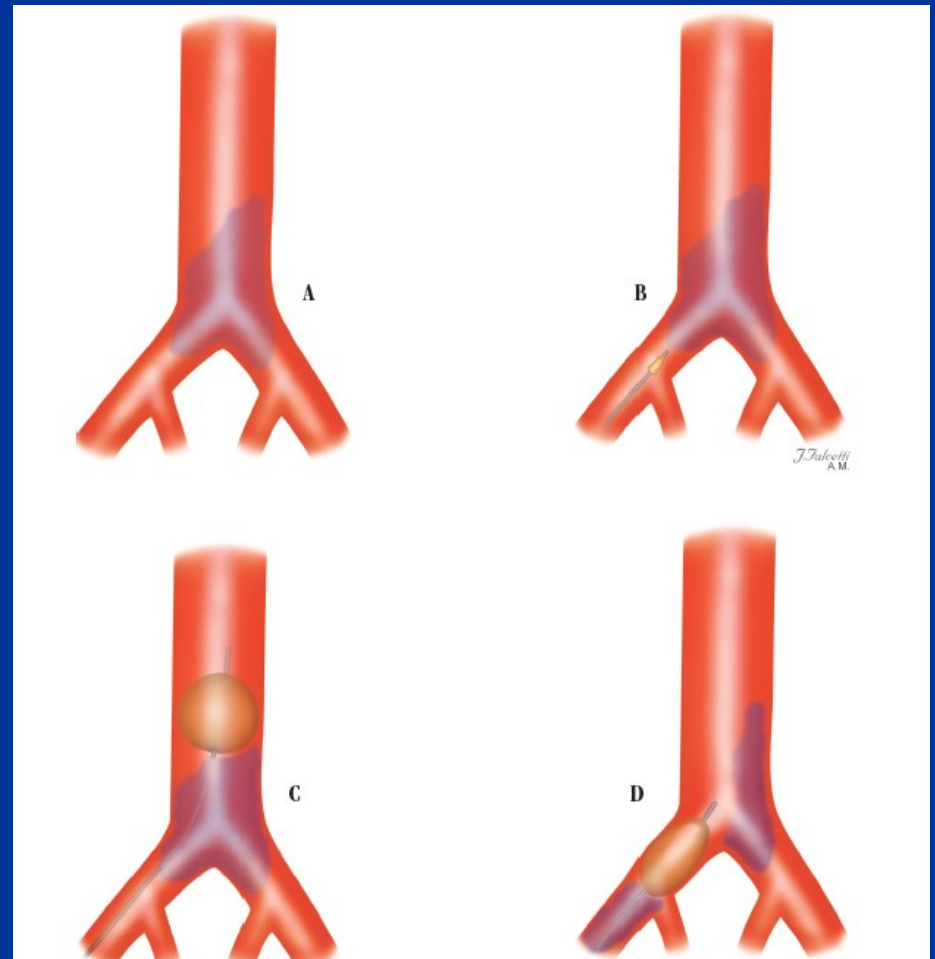
L





Embolectomia

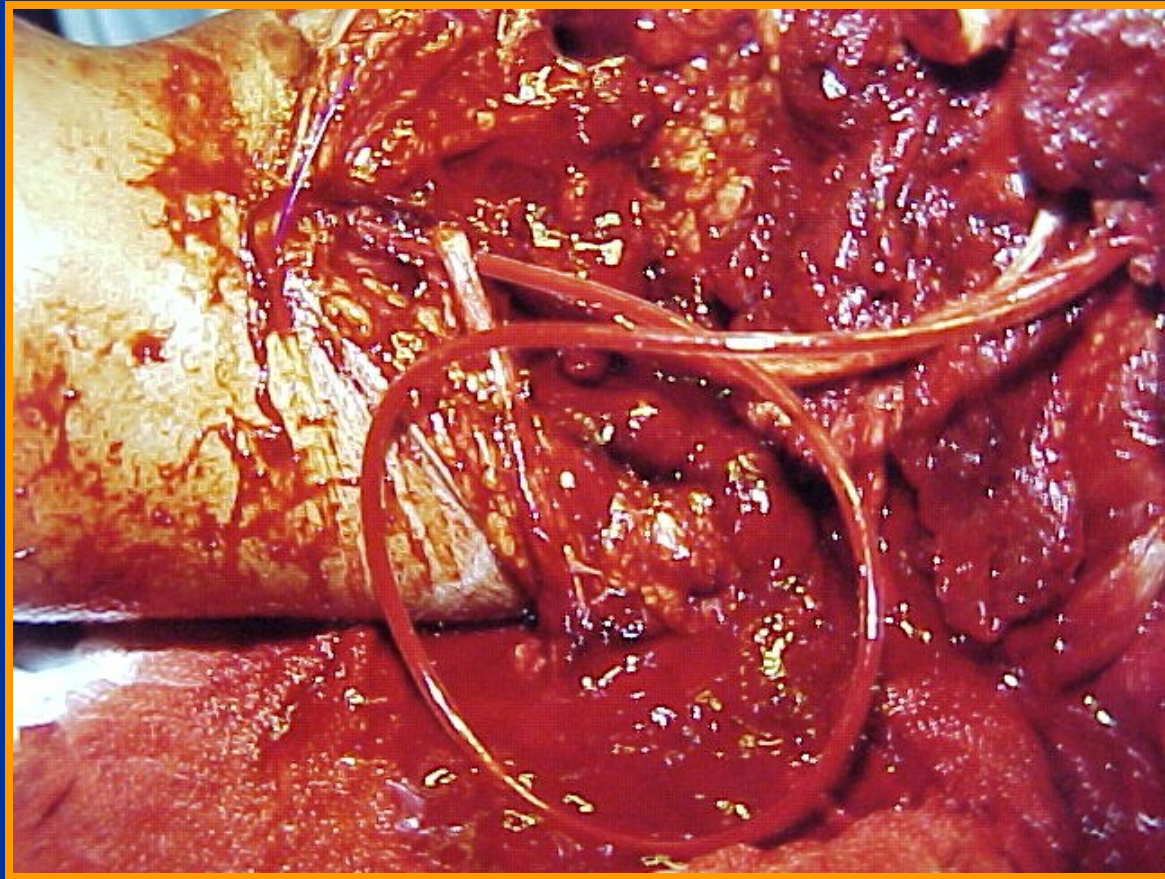
- Retirada de êmbolos a partir de uma arteriotomia
- Retira-se também o trombo 2º
- Catéter de Fogarty



Shunt / Derivação Temporária

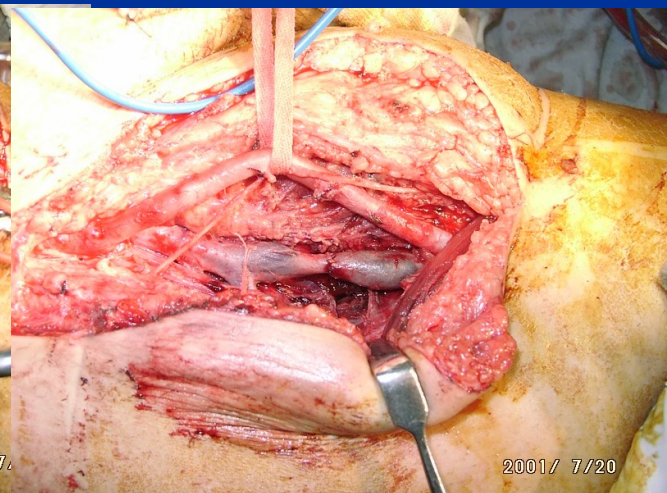
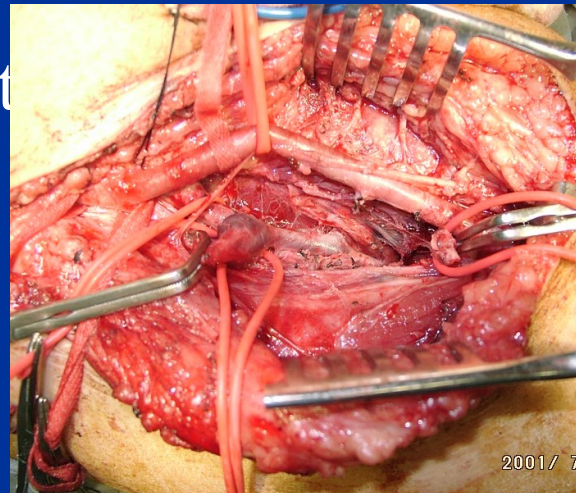
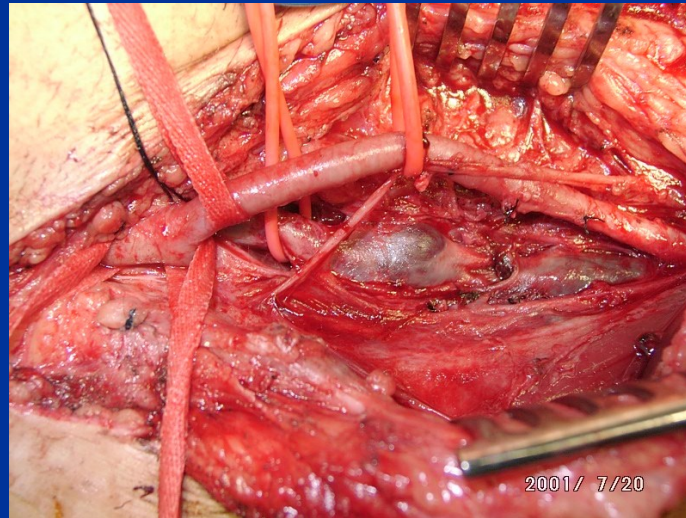
- Dissecar artéria ou veia distal e proximal e interpor um conduto temporário
- Reduz o tempo de isquemia
- Permite uma reconstrução vascular mais regrada
- Principais usos: Carótidas, Reimplantes, Traumas complexos com fraturas associadas

Derivação Temporária



Cirurgia Venosa

- Safenectomia
- Erradicação de Colaterais
- Derivação
- Valvuloplastia
- Dilatação/Stent
- Escleroterapia



Amputações

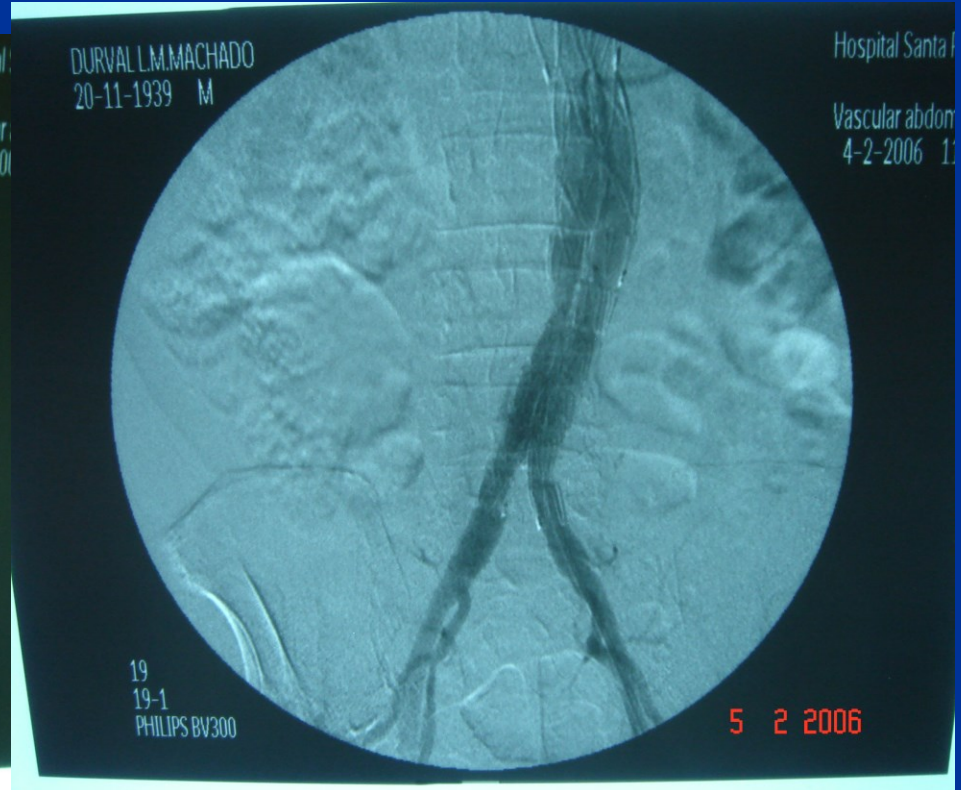
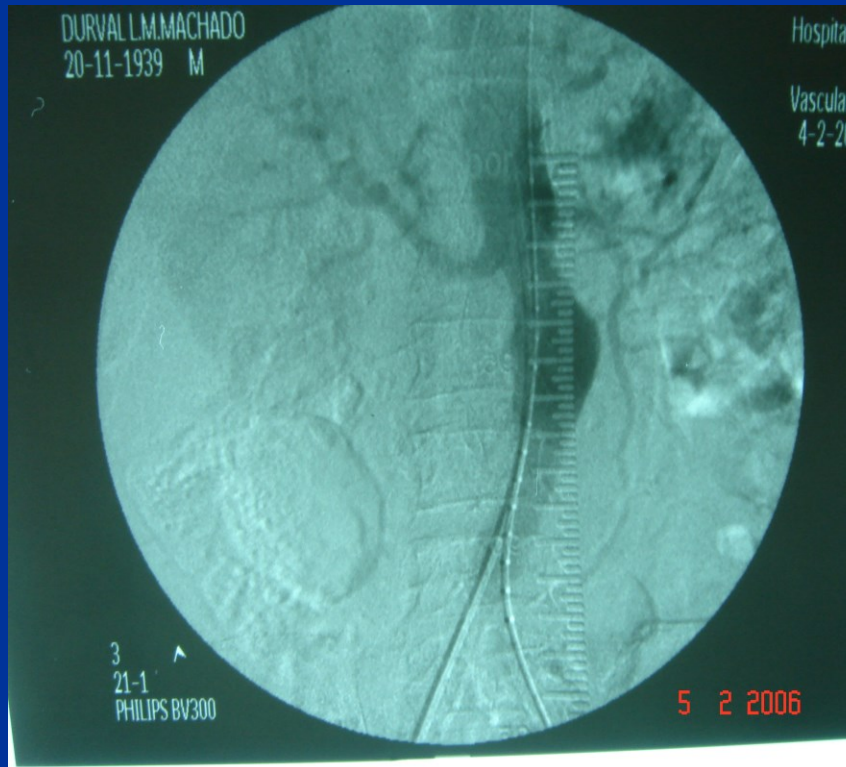
- Transfemoral
- Transtibial
- Desarticulações
- Pé



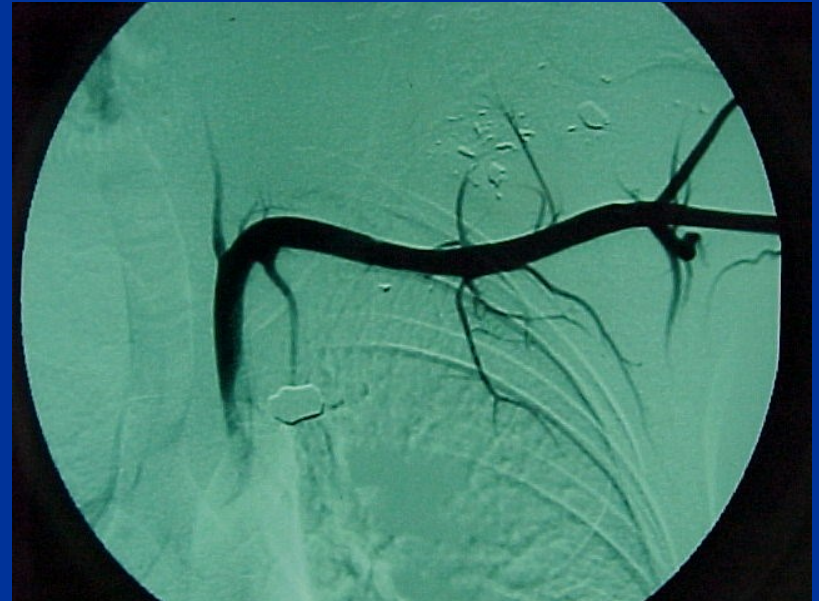
Endovascular

- Técnica diagnóstica e terapêutica
- Acesso a lesões a partir de pontos distantes
- Material (stents, endopróteses, balão, mola, microembolos)
- Treino
- Radiação ionizante
- Contraste iodado

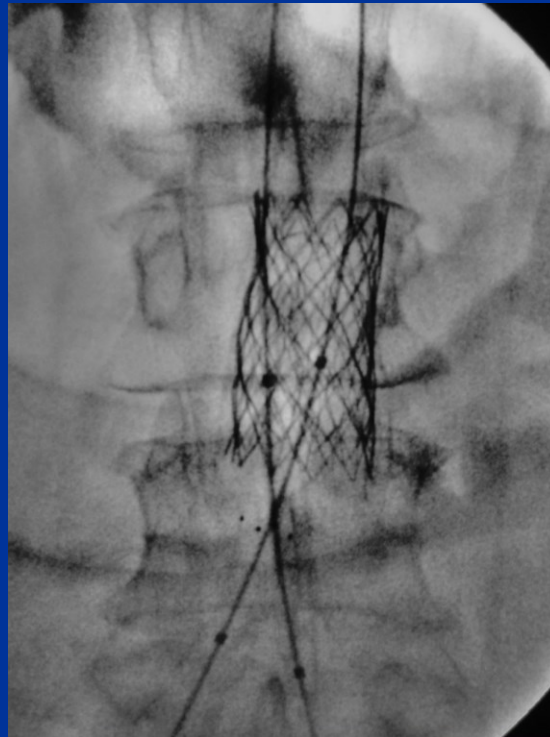
Aneurisma Endovascular



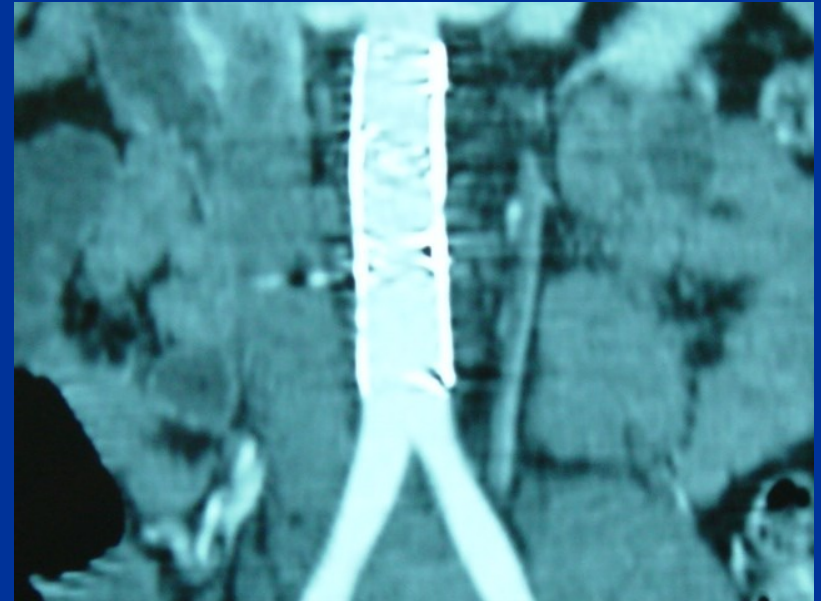
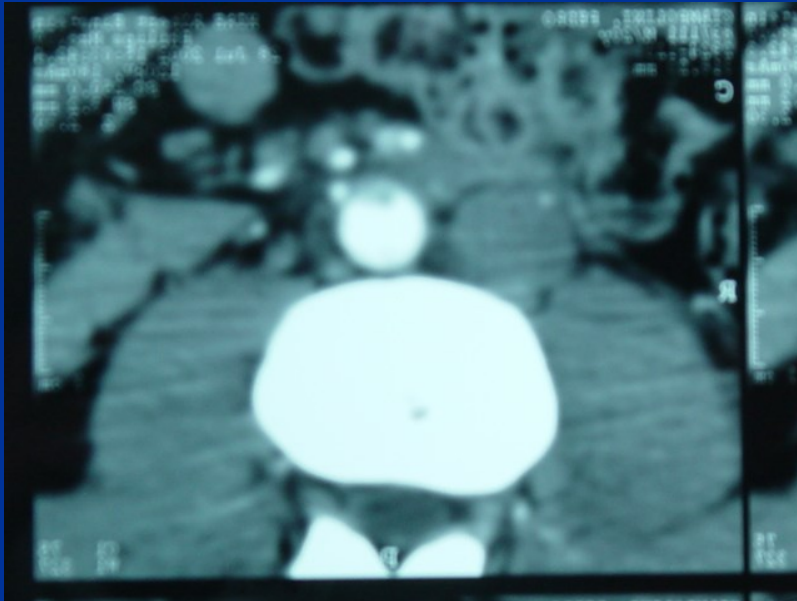
Endovascular



Angioplastia



Lesão por Cinto de Segurança



Vias de Acesso

- Pescoço
- Tórax
- Abdome
- Membros Superiores
- Membros Inferiores

Toracofrenolaparotomia

- Acesso à aorta toracoabdominal
- Abertura do diafragma e do pilar



Fasciotomy

