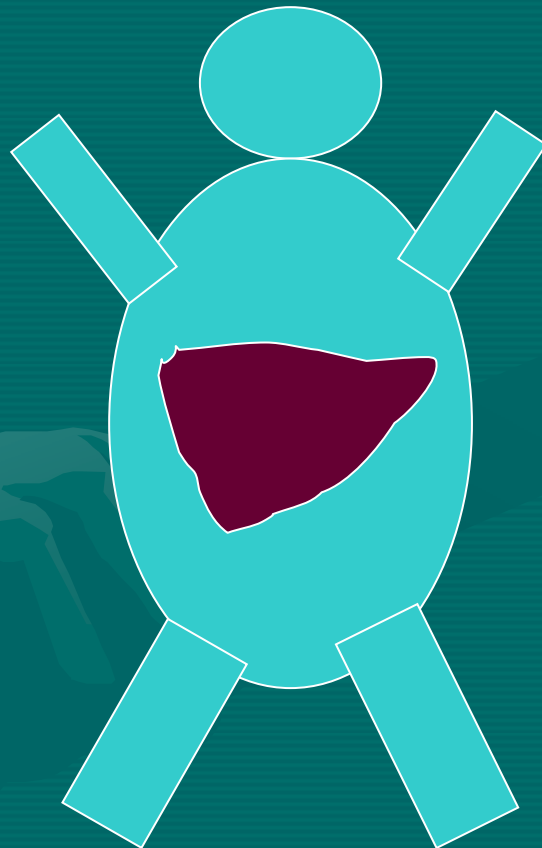


適応拡大 新生児から成人まで:手術手技の開発

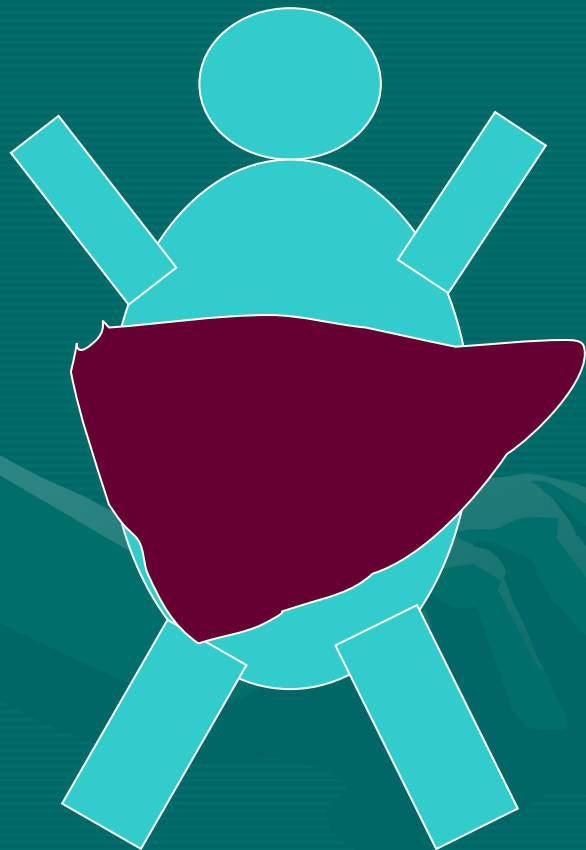
サイズマッチング



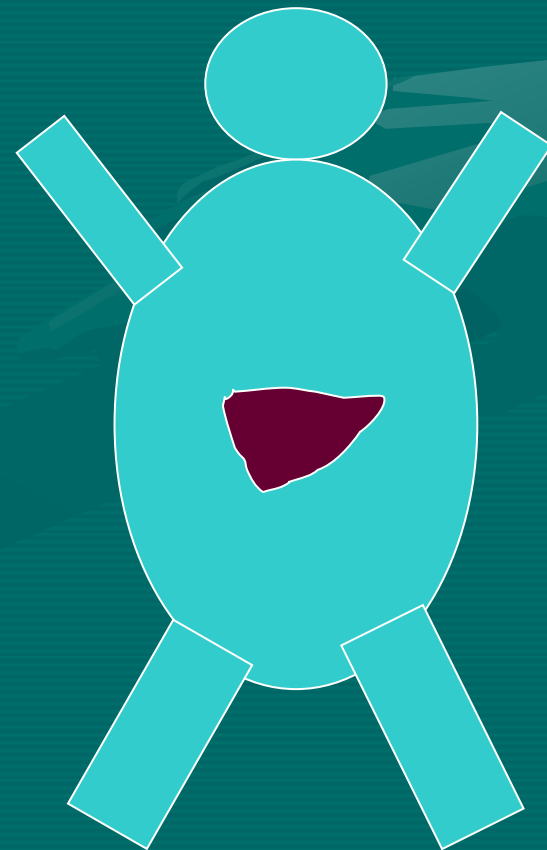
適応拡大

新生児から成人まで：手術手技の開発

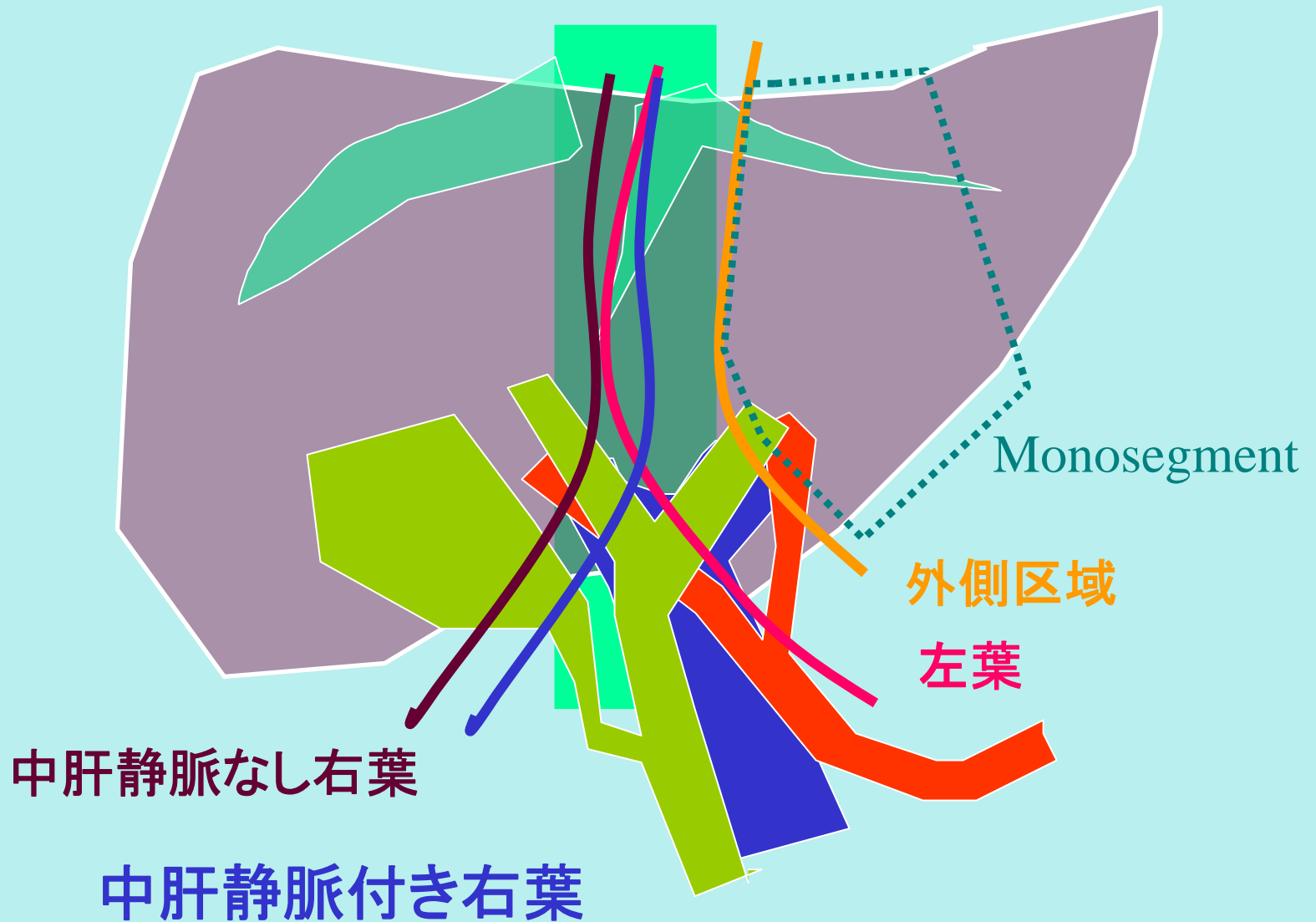
Large for size



Small for size



グラフトタイプと肝切離線

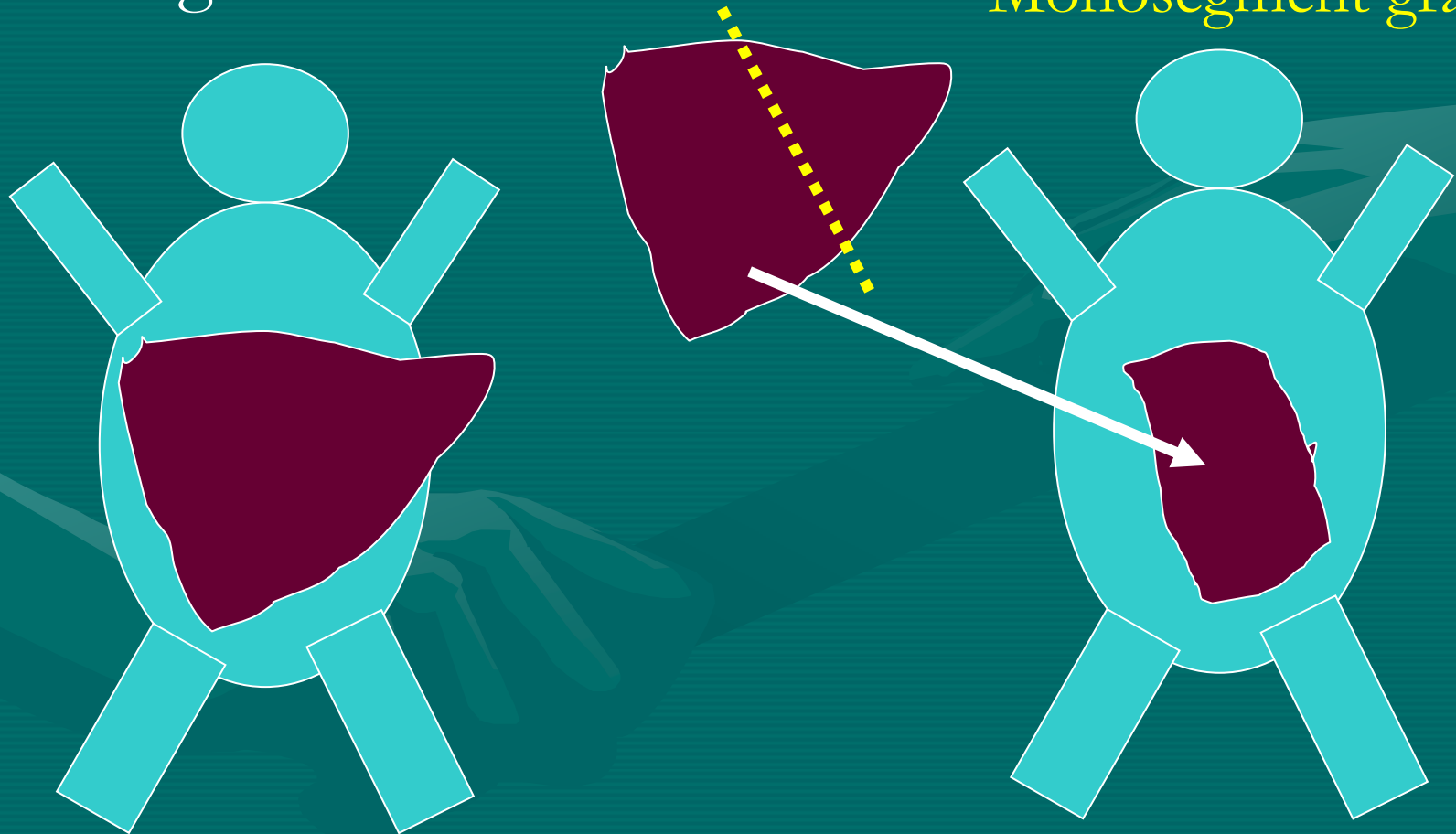


適応拡大

新生児から成人まで:手術手技の開発

Large for size

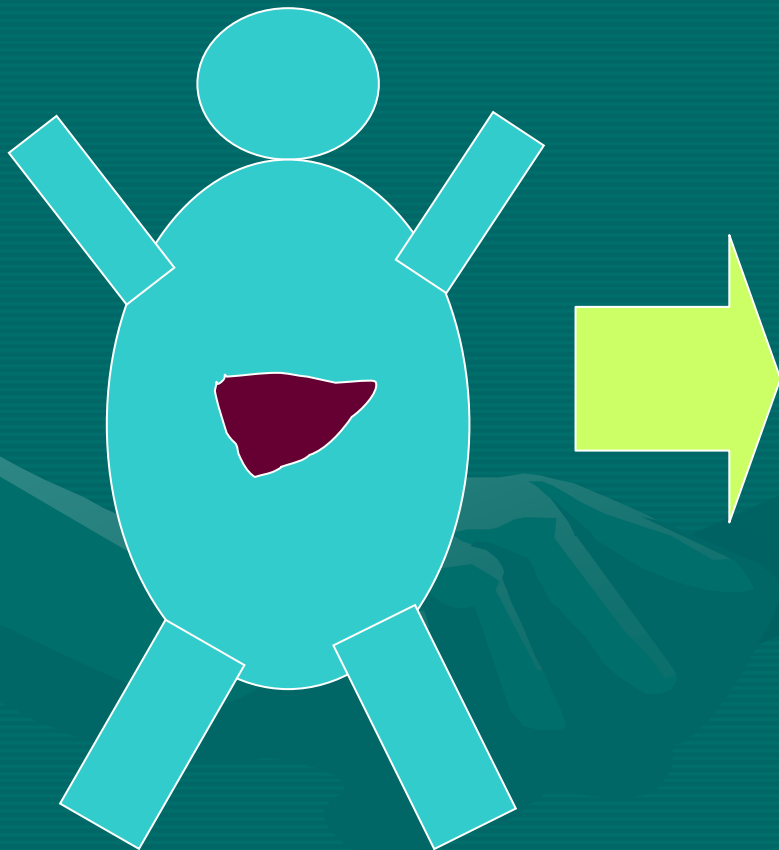
Monosegment graft



適応拡大

新生児から成人まで:手術手技の開発

Small for size

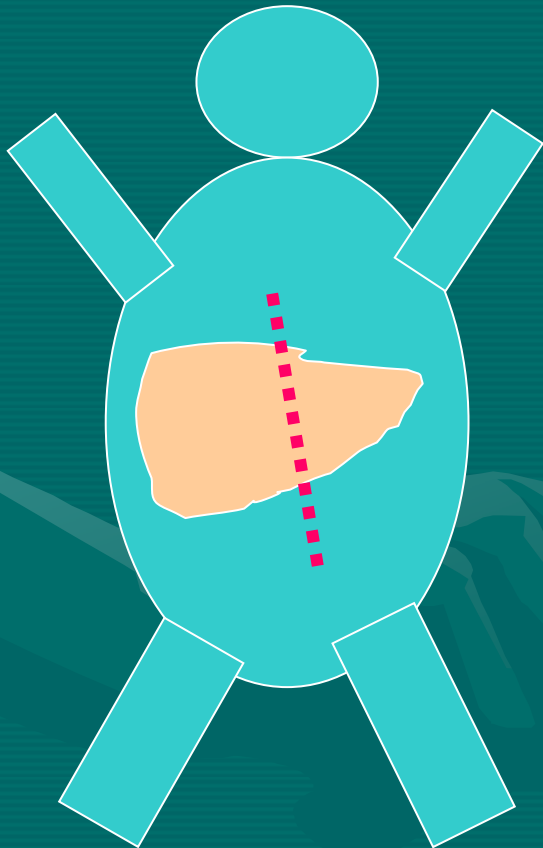


- より大きなグラフト
 - ✓拡大外側区域
 - ✓左葉
 - ✓右葉(MHVなし)
 - ✓右葉(MHV付き)
- 自己肝温存
- Dual liver graft

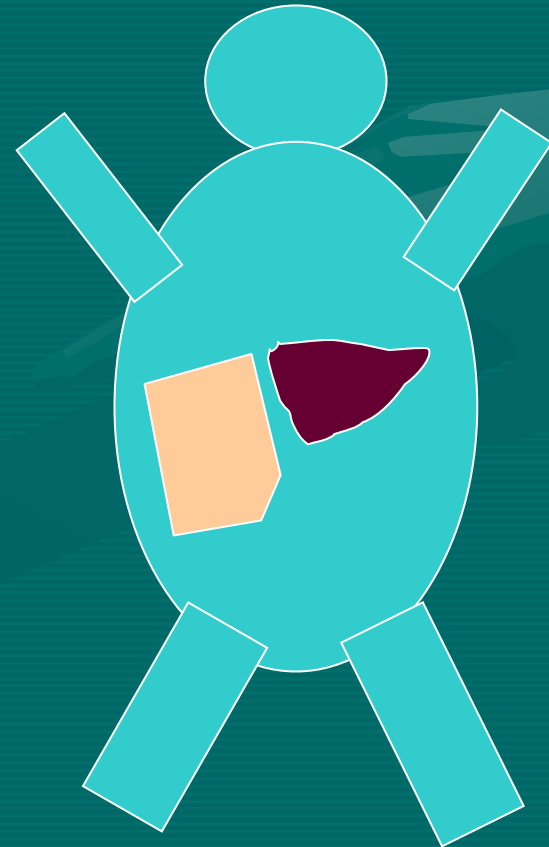
適応拡大

新生児から成人まで:手術手技の開発

Small for size



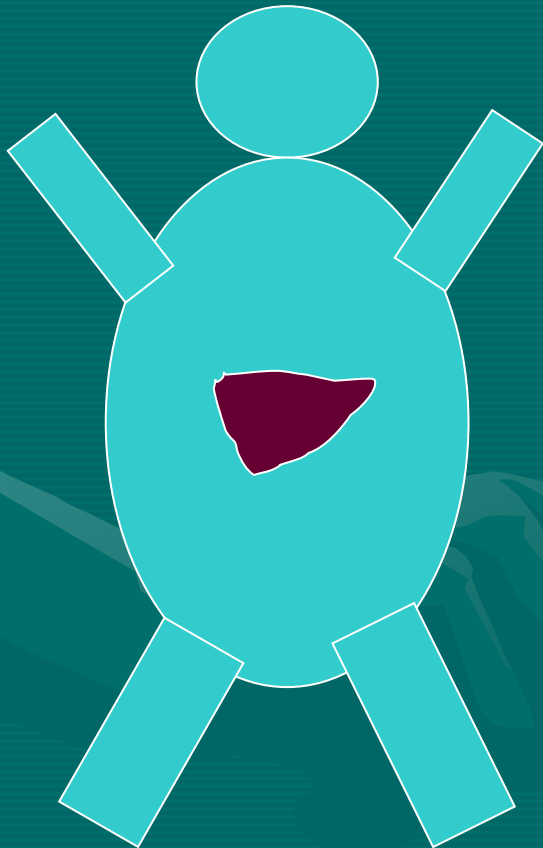
自己肝温存



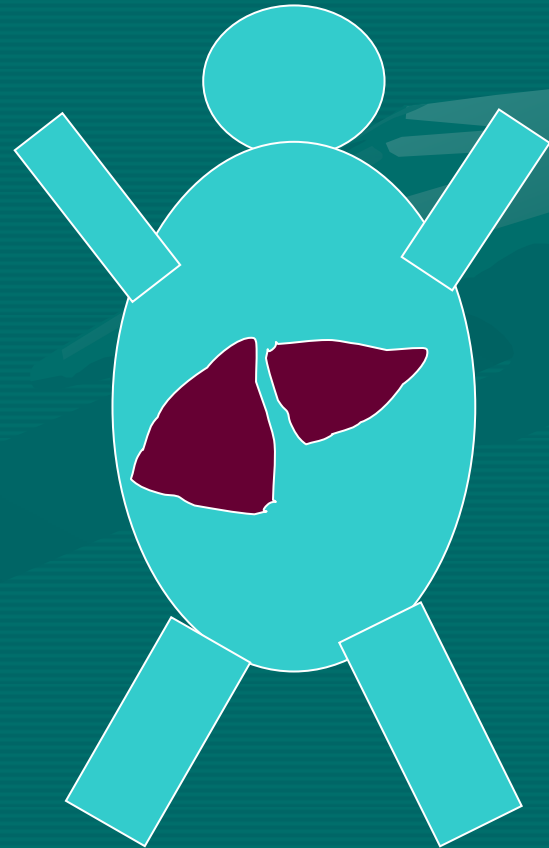
適応拡大

新生児から成人まで:手術手技の開発

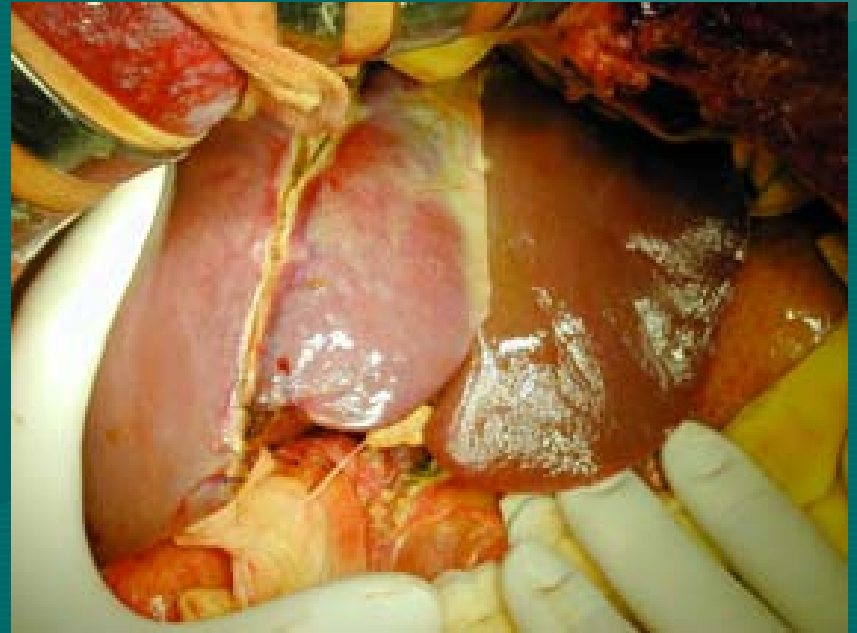
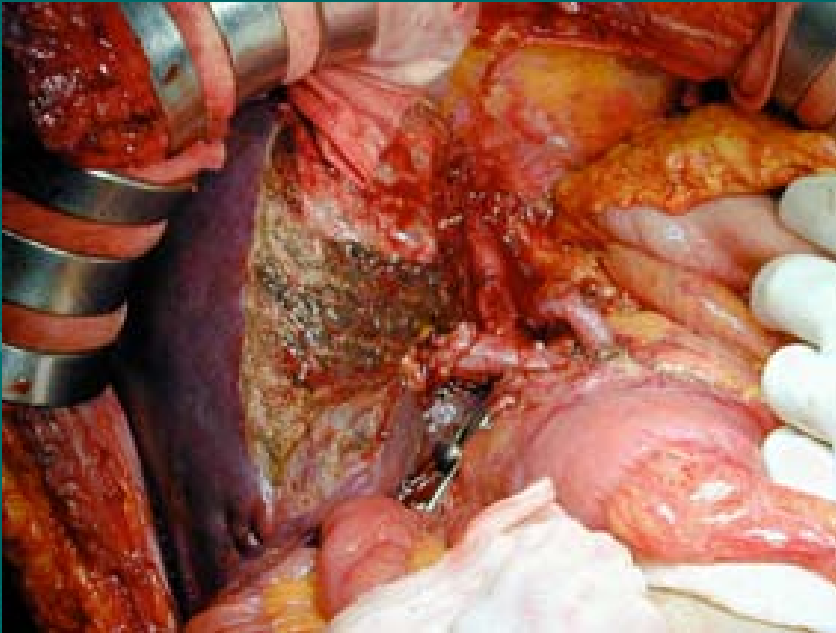
Small for size



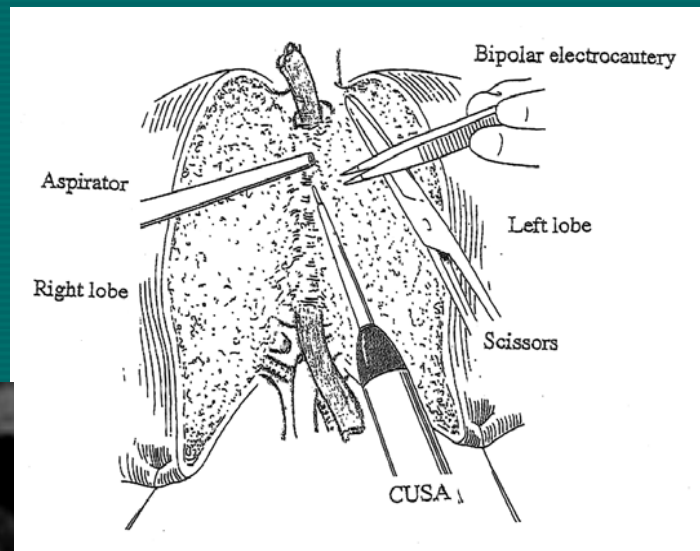
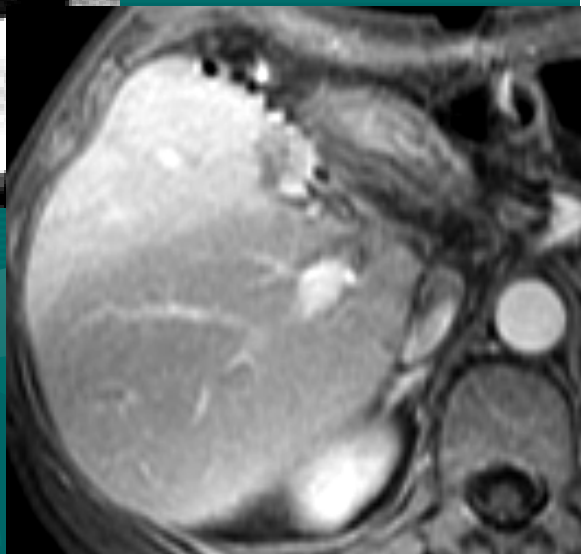
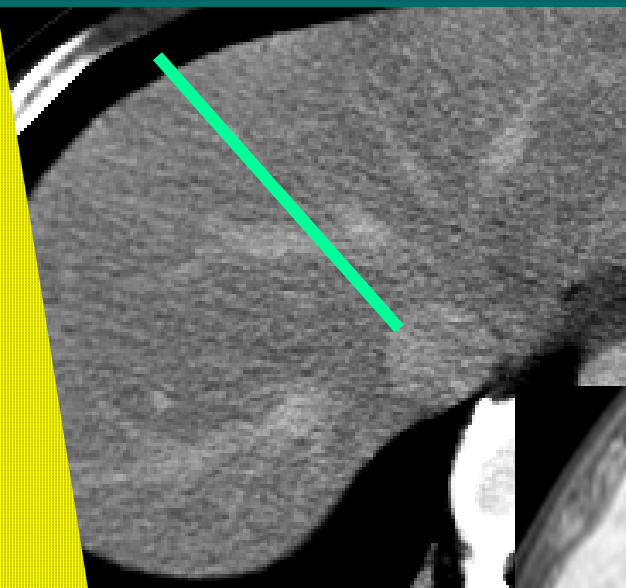
Dual liver graft



Dual liver graft

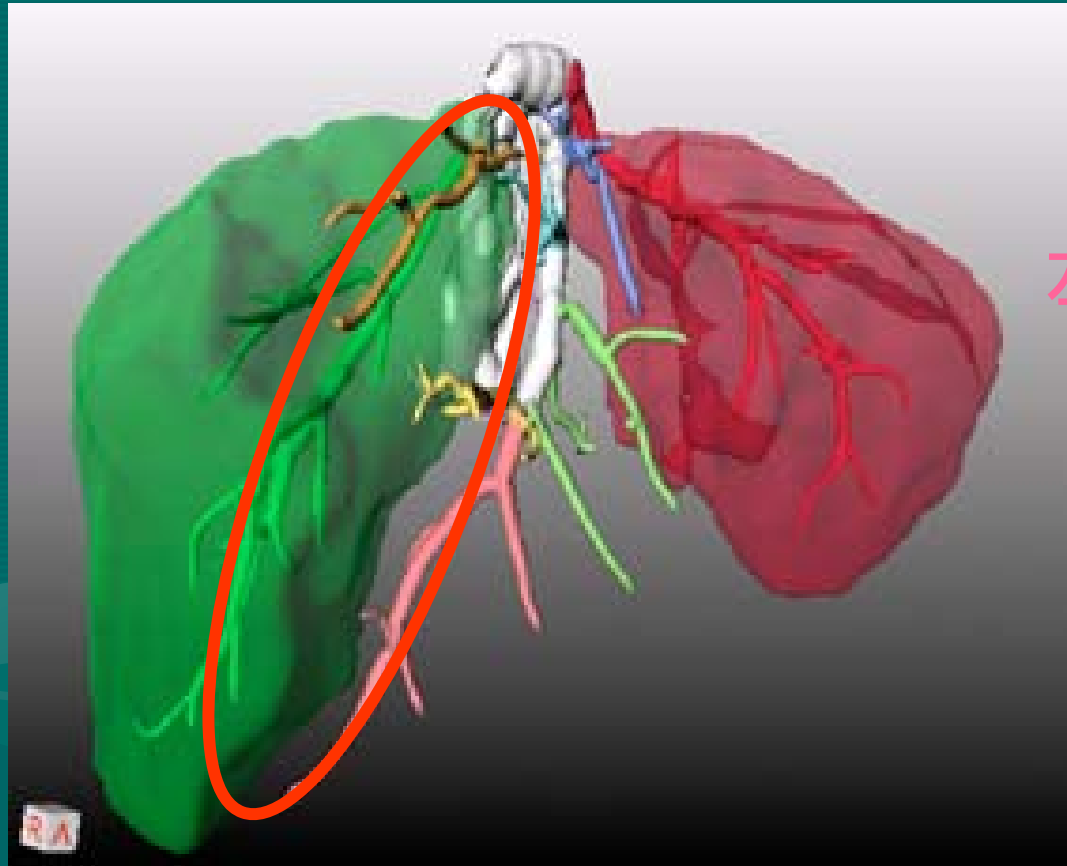


前区域枝離断と鬱血の関連について



肝静脈とグラフトの関係

右葉



左葉外側

右葉グラフトにおける論議

中肝静脈に流入する前区域領の鬱血

実効肝重量減少



- 腹水
- 黄疸遷延
- 凝固障害
- 消化管出血
- 腎不全

全区域鬱血とグラフト肝重量の術後経過への影響

全区域灌流肝脈静脈 非再建

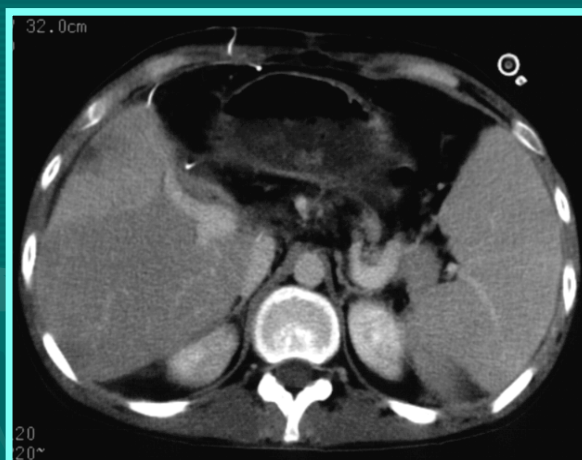
15 y/o female
Wilson disease
Graft: 1.34%BW

25 y/o female
PSC
Graft: 0.95%BW

56 y/o female
HBV-cirrhosis
Graft: 0.98%BW



Day 13
経過良好

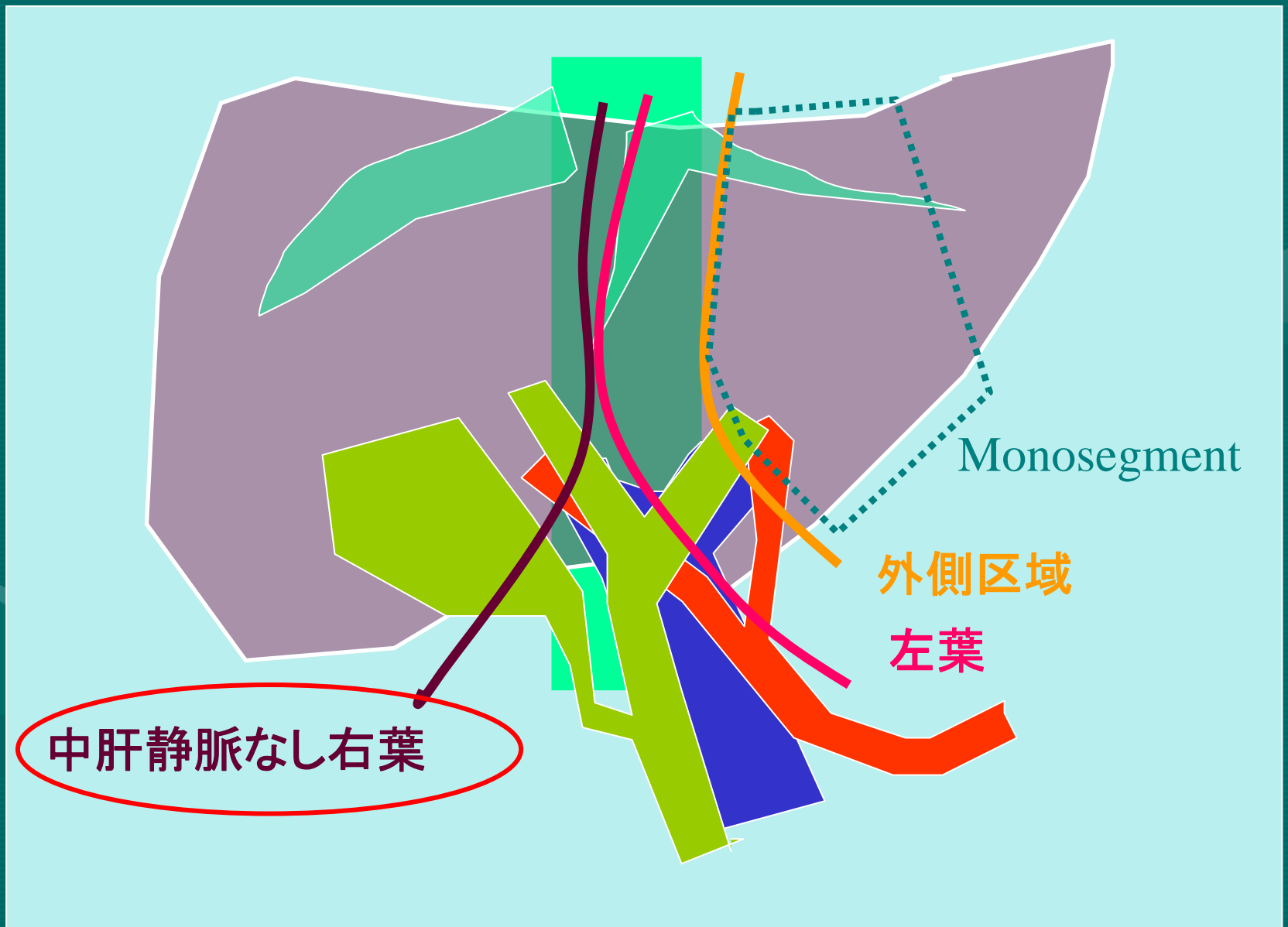


Day 60
大量腹水



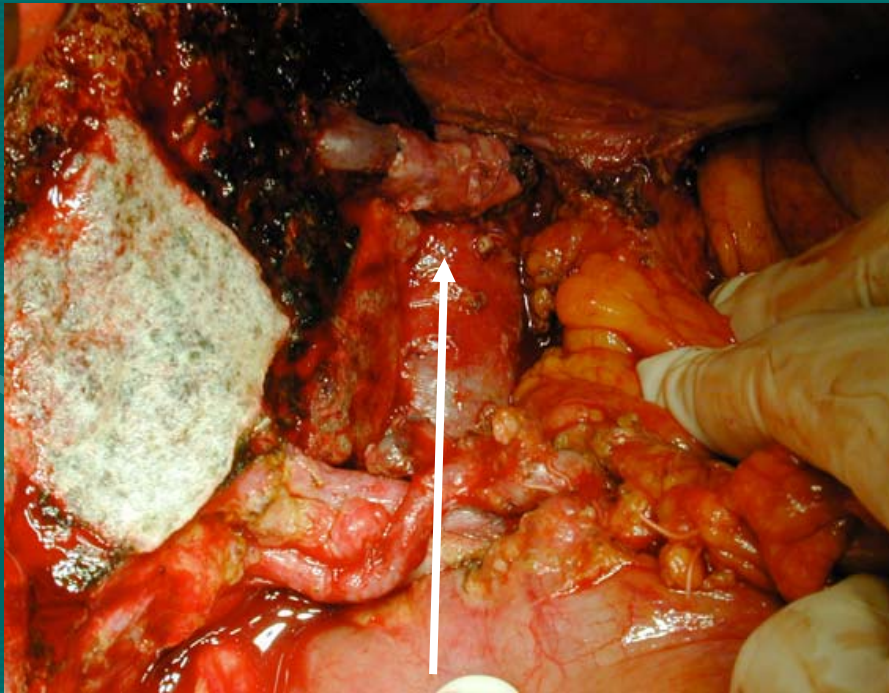
Day 71
大量腹水
黄疸遷延

グラフトタイプと肝切離線

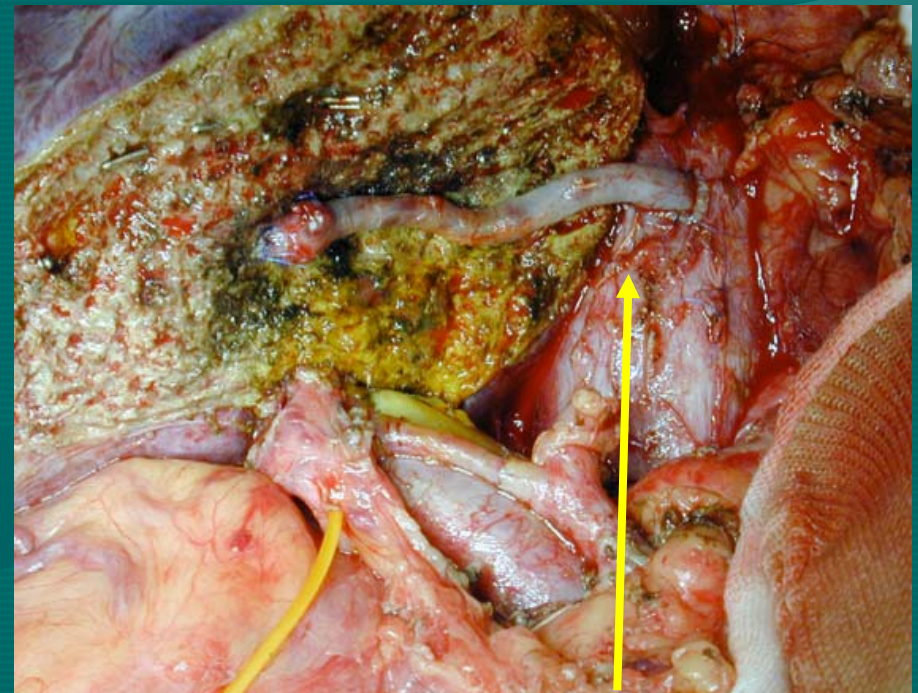


前区域再建

- 小さい右肝静脈
- 大きい前区域枝
- 脂肪肝、高齢ドナー

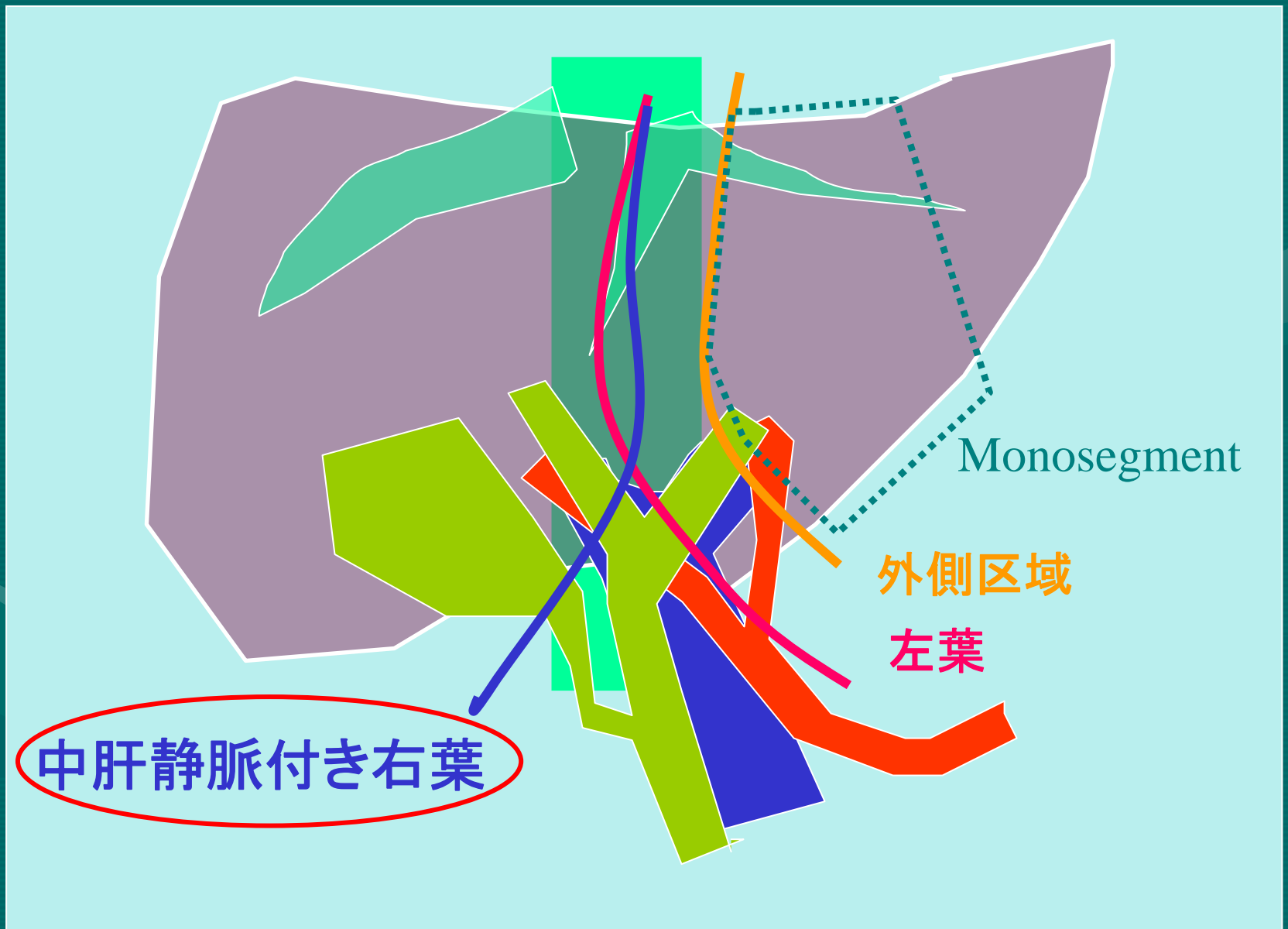


Lt-portal branch of native liver

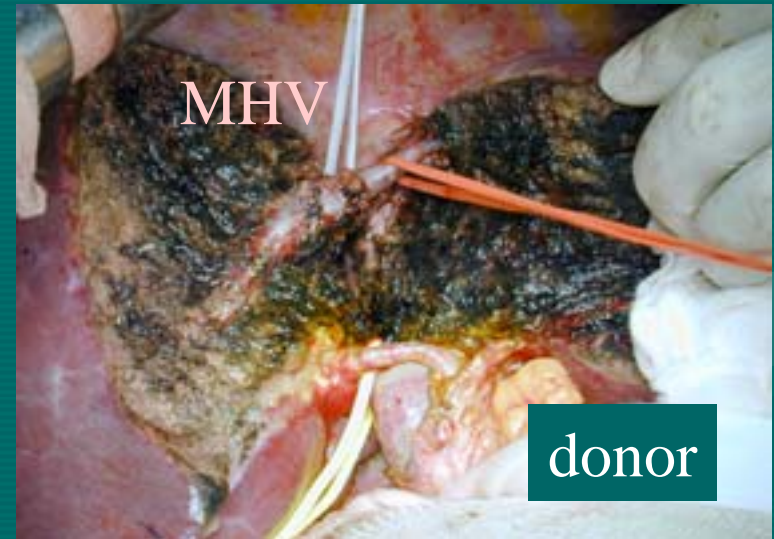
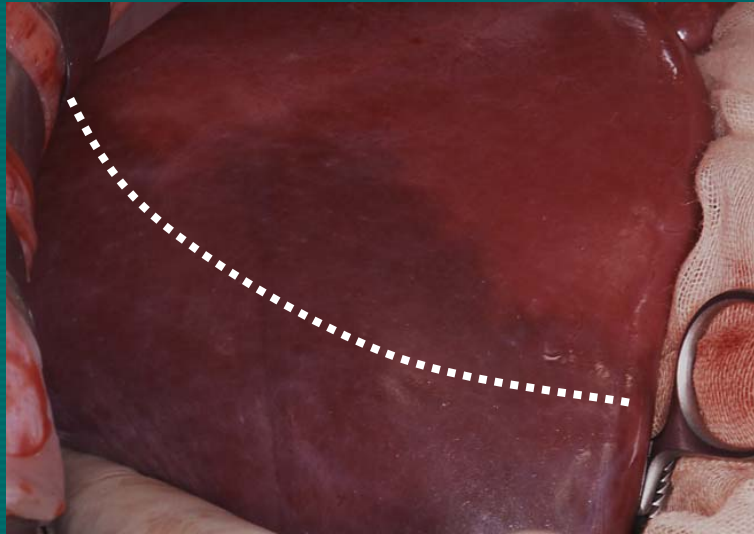


Donor Ovarian Vein

グラフトタイプと肝切離線



中肝静脈付右葉グラフト



donor



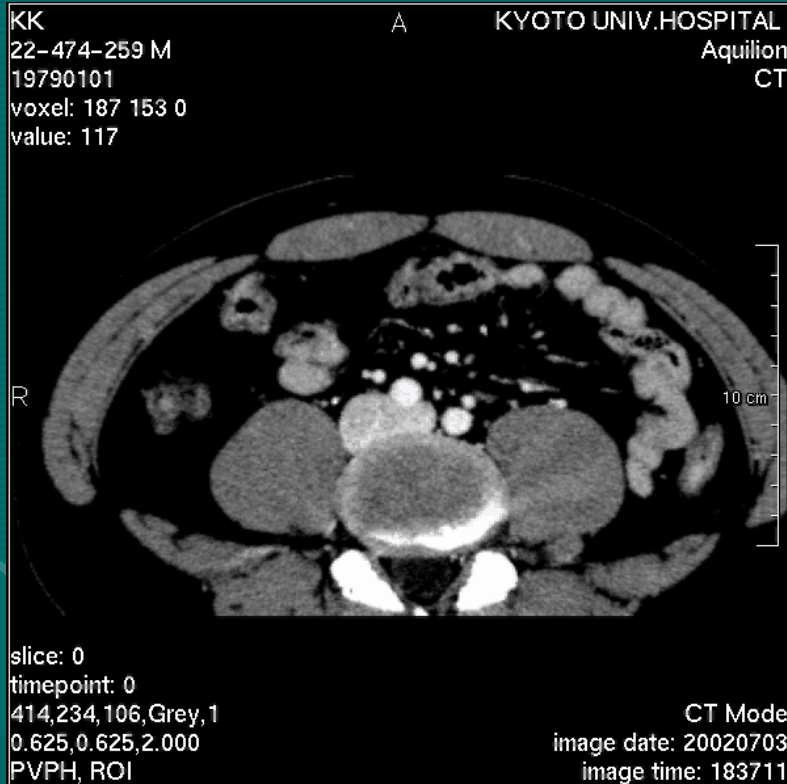
vein graft



recipient

New development in imaging study

MeVis

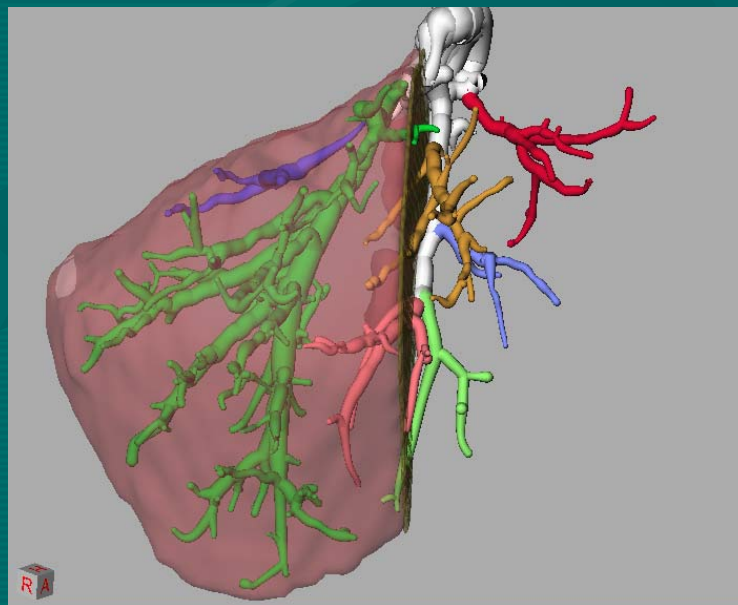
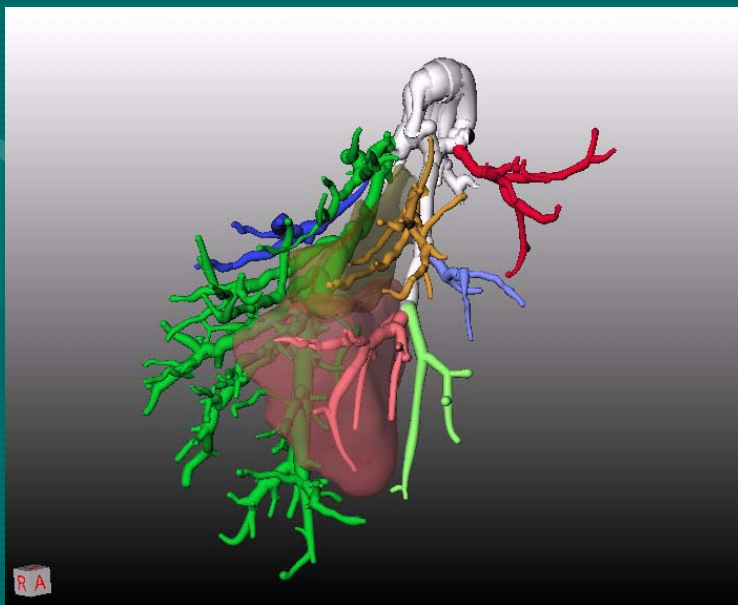
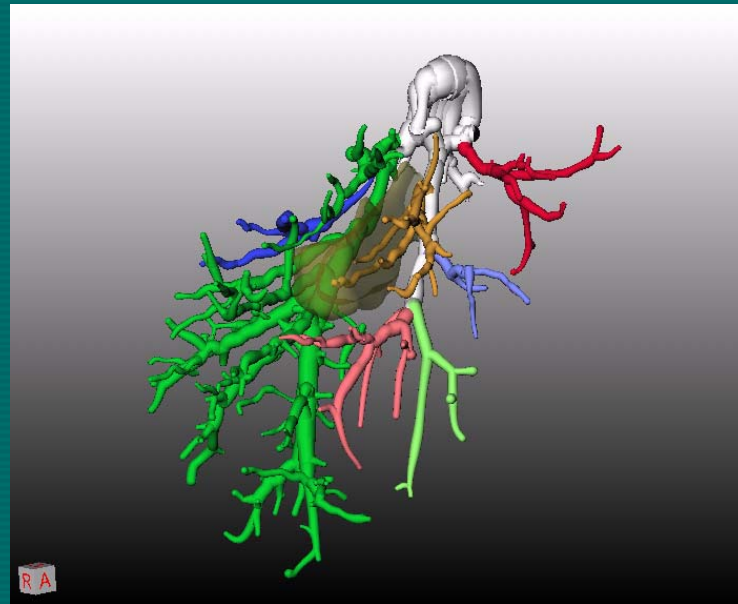
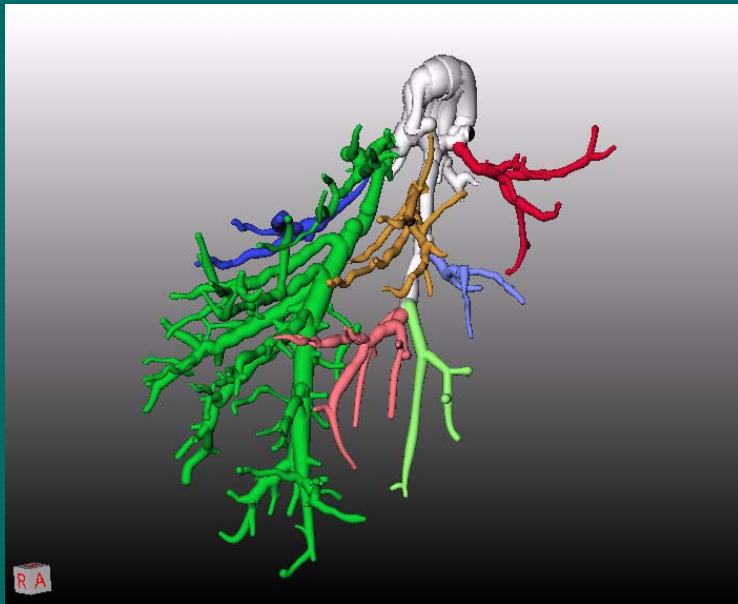


via internet

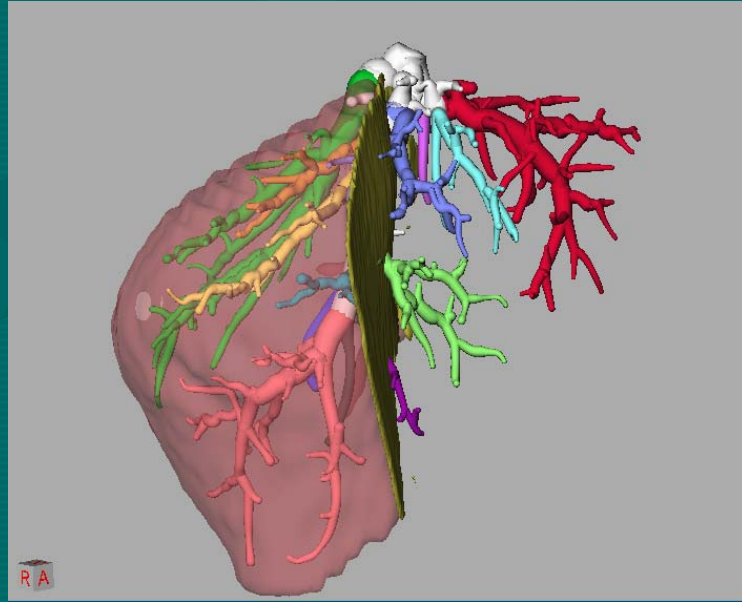
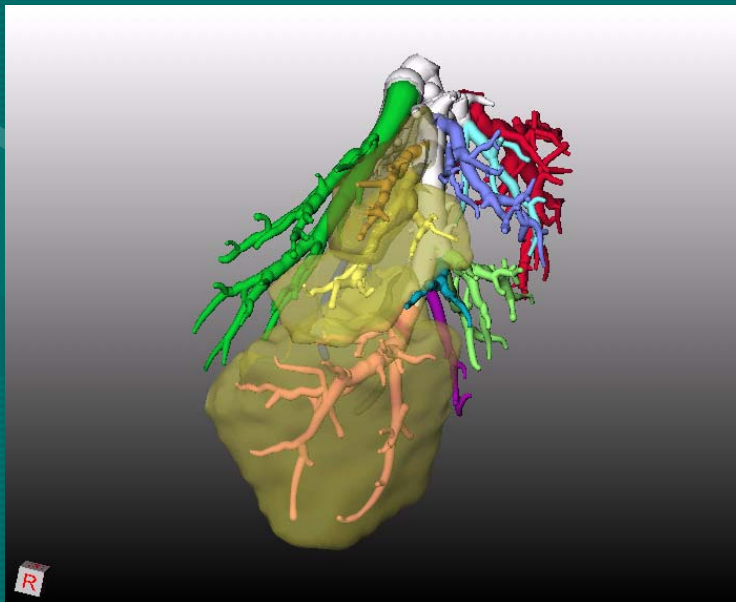
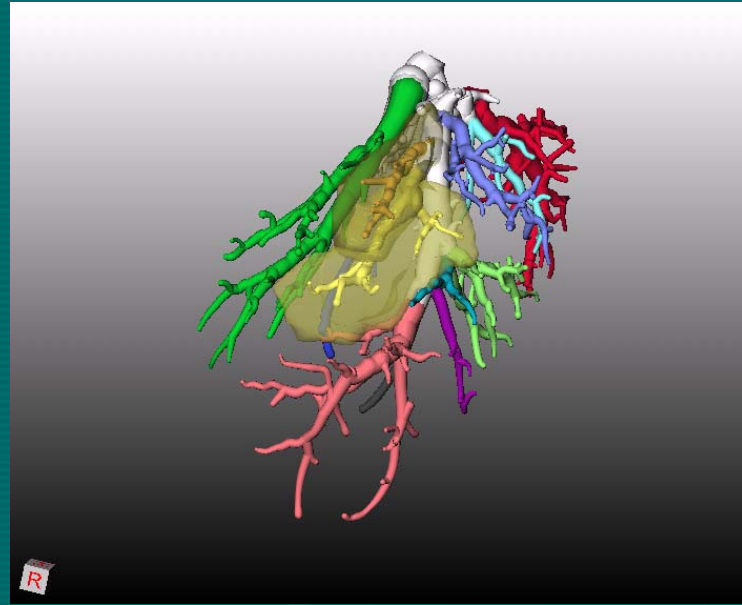
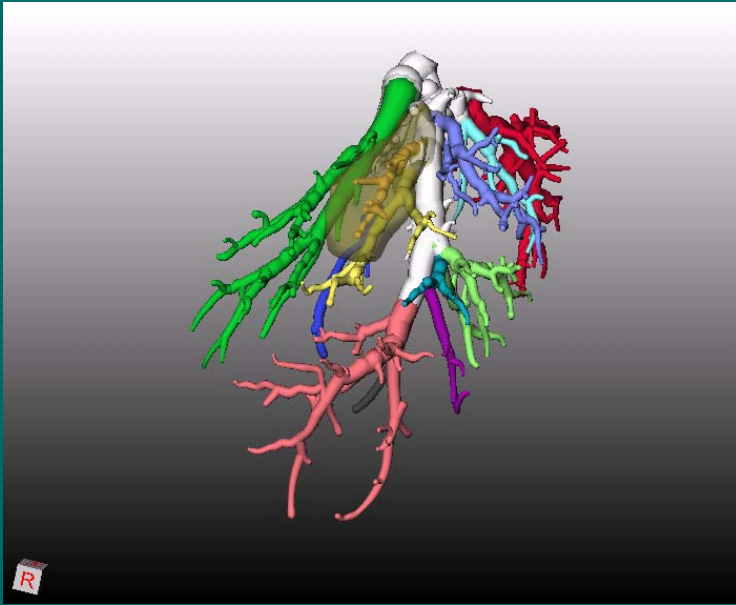


MDCT : Kyoto Univ.

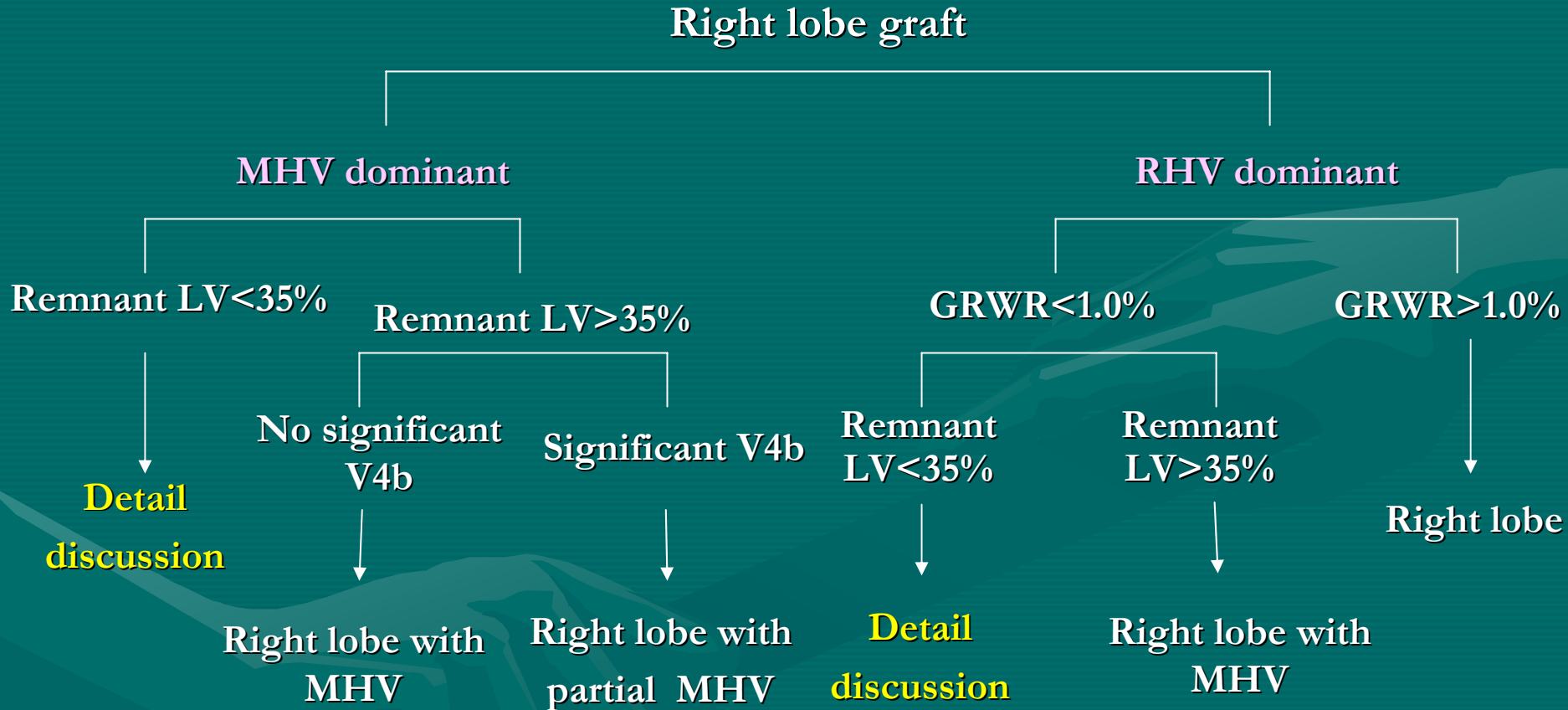
Right hepatic vein dominant



Middle hepatic vein dominant



Algorithm of the graft selection



**Detail
discussion**

- **Right lobe with V5,8 reconstruction**
- **Posterior graft**
- **exclude**