

## **Absolute contraindications**

1. Severe cardiac disease
2. Severe pulmonary disease
3. Extrahepatic metastases
4. Malignant secondary disease
5. Florid sepsis
6. AIDS
7. Severe irreversible brain damage
8. Active alcohol or drug abuse
9. Anatomical or postoperative anomalies
10. Portal vein plus superior mesenteric vein thromboses
11. Severe osteopenia
12. Poor nutritional state

## **Relative contraindications**

1. Portacaval shunts
2. Portal vein thrombosis (with open superior mesenteric vein)
3. Age > 65–70 years (biological age is more important!)
4. Condition after complex hepatobiliary surgery
5. Chronic renal insufficiency
6. Muscular atrophy
7. Unstable personality structure
8. Unstable psychosocial environment
9. Obesity (> 100 kg BW)
10. Retransplantation