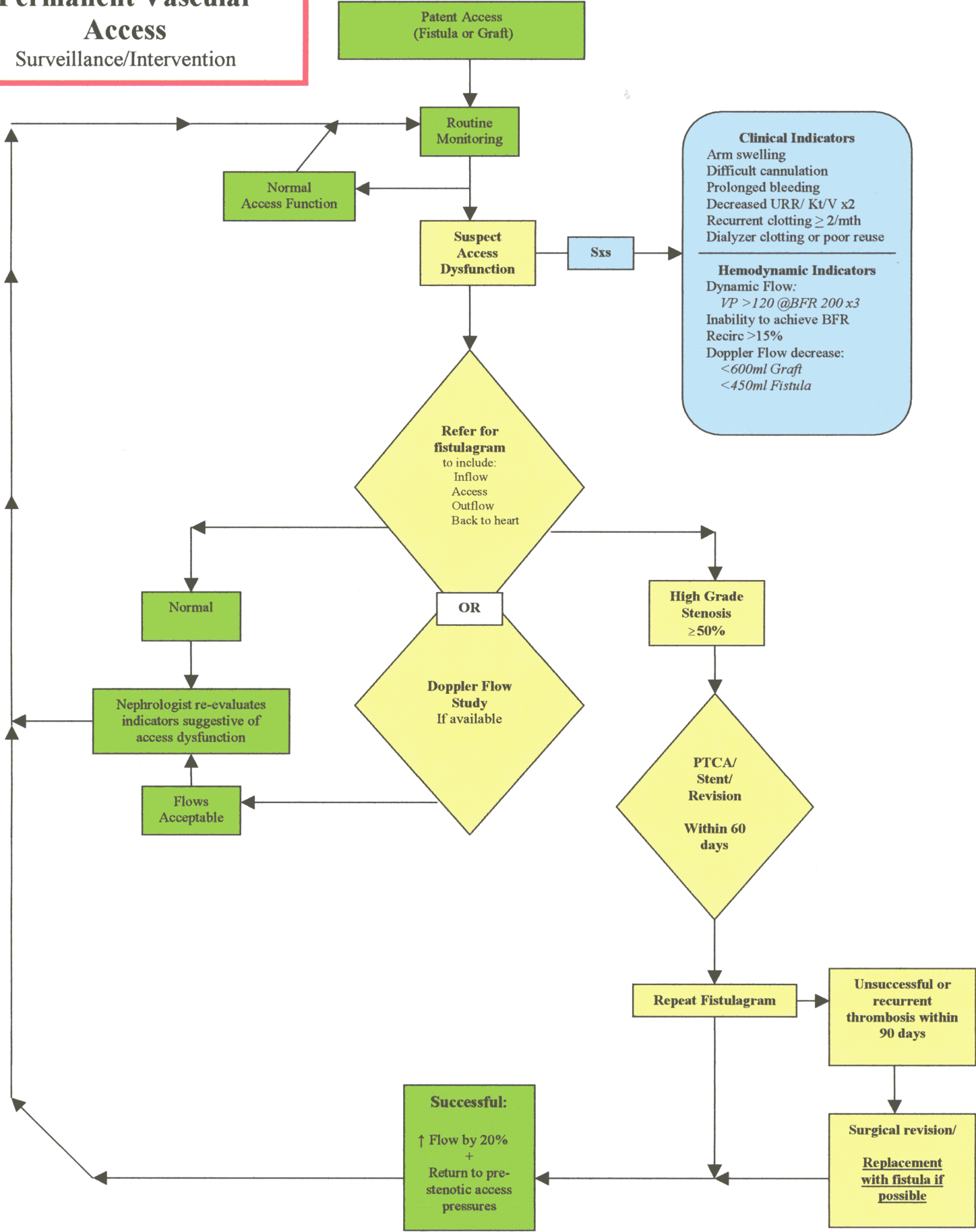


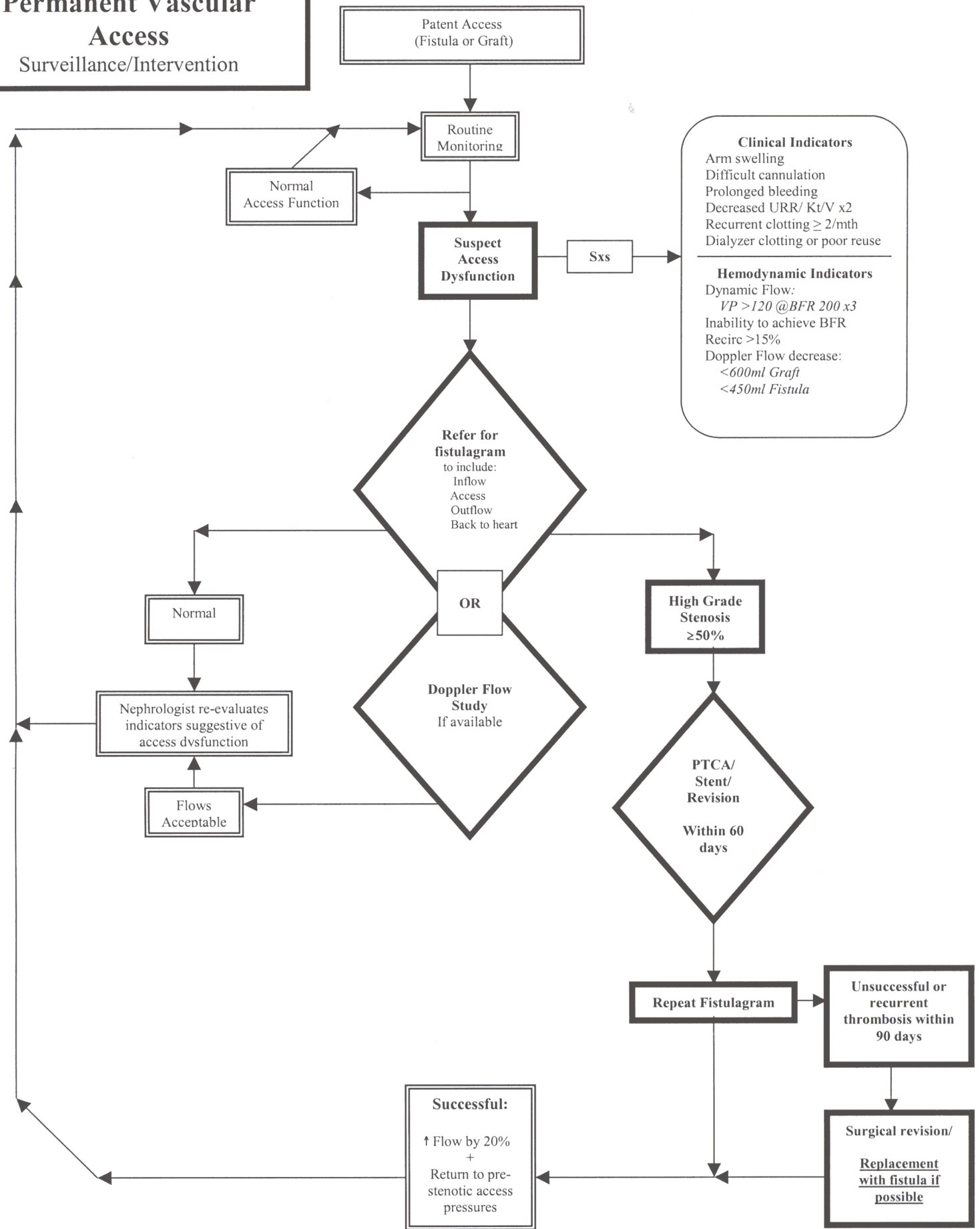
Algorithm
Permanent Vascular
Access
 Surveillance/Intervention



Clinical Indicators
 Arm swelling
 Difficult cannulation
 Prolonged bleeding
 Decreased URR/ Kt/V x2
 Recurrent clotting ≥ 2/mth
 Dialyzer clotting or poor reuse

Hemodynamic Indicators
 Dynamic Flow:
 VP > 120 @BFR 200 x3
 Inability to achieve BFR
 Recirc >15%
 Doppler Flow decrease:
 <600ml Graft
 <450ml Fistula

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