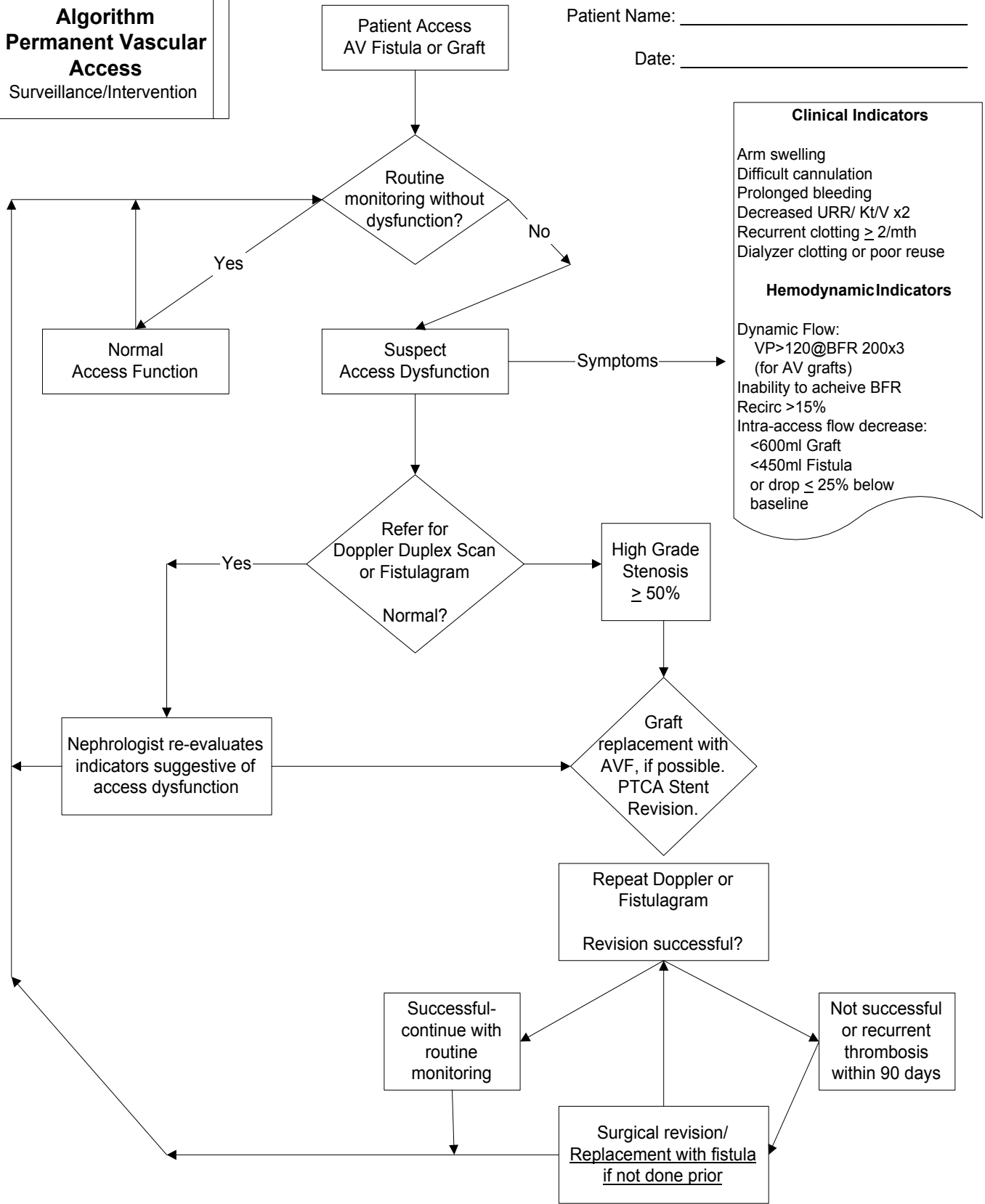


**Algorithm
Permanent Vascular
Access
Surveillance/Intervention**

Patient Name: _____
Date: _____



- 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 200x3 (for AV grafts)
 - Inability to achieve BFR
 - Recirc >15%
 - Intra-access flow decrease: <600ml Graft <450ml Fistula or drop $\leq 25\%$ below baseline