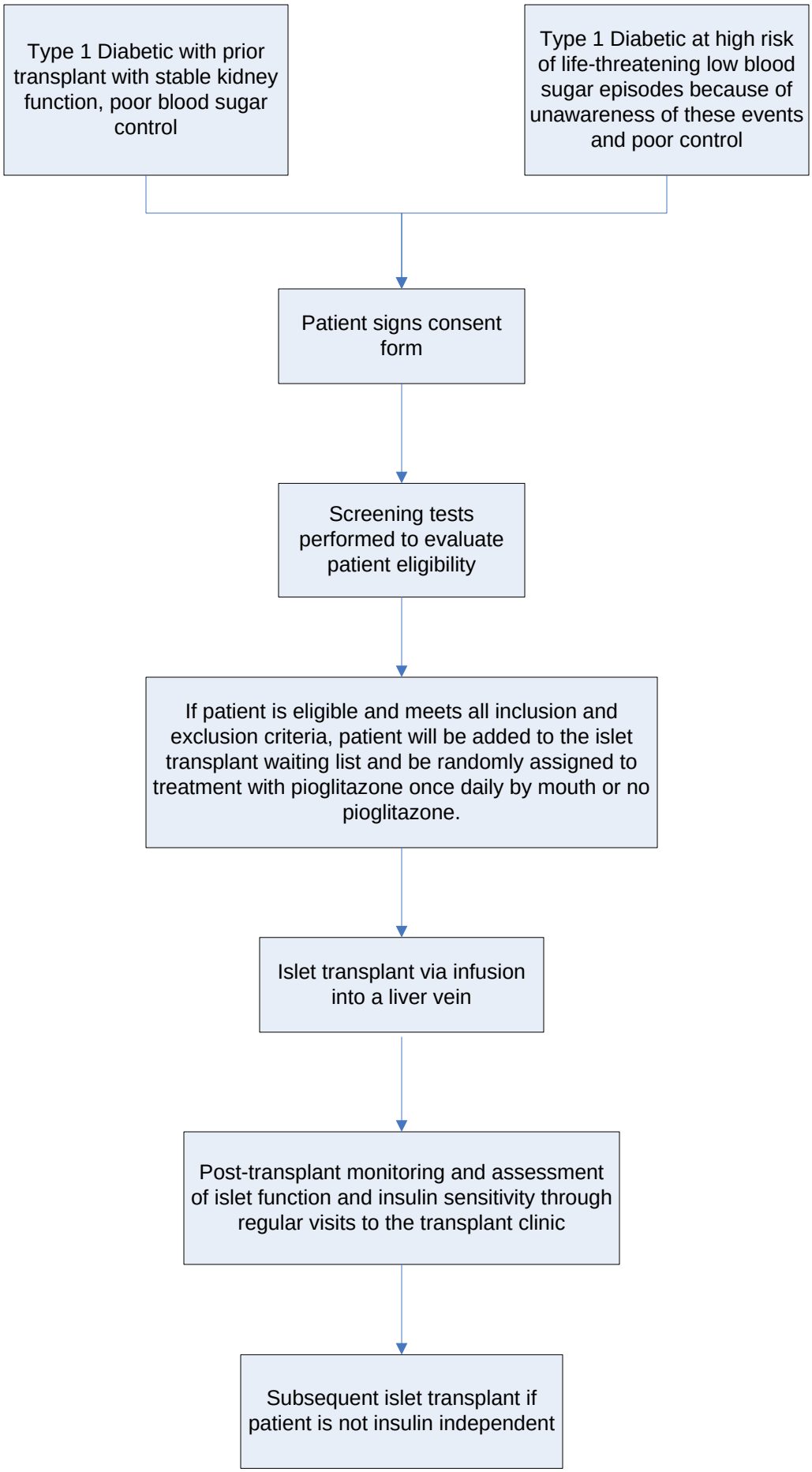
Type 1 Diabetic with prior transplant with stable kidney function, poor blood sugar control
Type 1 Diabetic at high risk of life-threatening low blood sugar episodes because of unawareness of these events and poor control
Patient signs consent form
Screening tests performed to evaluate patient eligibility
If patient is eligible and meets all inclusion and exclusion criteria, patient will be added to the islet transplant waiting list and be randomly assigned to treatment with pioglitazone once daily by mouth or no pioglitazone.
Islet transplant via infusion into a liver vein
Post-transplant monitoring and assessment of islet function and insulin sensitivity through regular visits to the transplant clinic
Subsequent islet transplant if patient is not insulin independent