

EXHIBIT C – CVRx Materials Available for SPARC Grant Applicants

BAROSTIM NEO™ Implantable Pulse Generator

Specification	Value
Mass	60 grams
Height	72 mm
Width	50 mm
Thickness	14 mm
Volume	< 40 CC
Materials	Titanium Can Tecothane Header Silicone Seals Stainless Steel Setscrews
Battery	1 carbon monofluoride and silver vanadium oxide cell 7.50 Ah Theoretical Capacity



BAROSTIM NEO™ Carotid Sinus Lead

The lead consists of a single lead wire which conducts current from the pulse generator to a unipolar electrode sutured onto the carotid sinus. The electrode consists of a 2 mm diameter platinum-iridium disk coated with iridium oxide and surrounded by a 7mm diameter silicon insulative backer. The lead body which tunnels subcutaneously to the IPG is 40 cm long. Energy delivered via the electrode penetrates into the arterial wall, stimulating the baroreceptors and thus activating the baroreflex.



BAROSTIM NEO™ Programmer System

The programmer consists of custom software and a wireless telemetry unit which communicates with the pulse generator. Pulse width, pulse amplitude, frequency and duty cycle are programmable.

Parameter	Range
Pulse Amplitude	1.0 – 20.0 mA
Pulse Width	15 – 500 μ s
Frequency	10 – 100 pps



Additional Support

CVRx agrees to provide hardware and software support as required for the project and mutually agreed to with the institution as part of the applicable CRA. CVRx may also provide data acquisition equipment, external stimulation hardware, and custom lead prototypes.