A wireless high flow sheath introducer for intravascular access and a method for using such an introducer. The invention comprises a large bore flow sheath having a nested, coaxial, tapered dilator which dilates a vein to a size sufficient for introduction of the large bore flow sheath, and a needle nested within the tapered dilator and coaxial therewith for initially piercing the target vessel. The present invention also provides a method of using such an instrument.

17 Claims, 1 Drawing Sheet