We prove that there is a tangle functor underlying certain semicyclic representations of $U_q\mathfrak{sl}_2$ when $q = e^{i\pi/N}$ where $N$ is odd. Specifically, when $U_q\mathfrak{sl}_2$ is presented in the standard way with generators $E, F$ and $K$ these representations have $E^N = a$, where $a$ is a nonzero scalar, $F^N = 0$ and $K^N = 1$.

After proving the existence of the tangle functor we compare the answer to the colored Jones polynomial of level $N − 1$ at $q = e^{i2\pi/N}$, for the figure eight knot. (Received September 19, 2015)