An intubation scope assembly adapted to facilitate the positioning of an endotracheal tube in a patient comprising an electromagnetic or sound energy source which enters the vocal cords exteriorly of the neck of the patient with energy having a direction, wavelength and intensity capable of entering the trachea, substantially avoiding encompassing the entire pharynx and capable of being transmitted cephalad substantially between and/or around the vocal cords. A suitable sensor for the energy emitted by such source comprises a styllet assembly, the distal end of which can detect or collect the energy transmitted between and/or around the vocal cords and the proximal end of which can monitor the detected or collected energy to thereby locate the vocal cords for positioning an endotracheal tube therebetween. A system and method of intubating a patient with the foregoing assembly are also disclosed.