CLAIMS

1. A system for performing intra-corporeal ultraviolet therapy, the system comprising:

a delivery tube, wherein the delivery tube comprises an electrical connecting means;

at least one UV light source inside the delivery tube that is configured to emit wavelengths, wherein the at least one UV light source is positioned to deliver radiation directed outwardly around the circumference of the delivery tube for a substantial length of the delivery tube wherein the wavelengths comprise only UV-A; and

a power supply connected to the UV light source via the electrical connecting means of the delivery tube.

2. The system of claim 1, wherein the delivery tube is at least partially transparent.

3. The system of claim 1, wherein the light source is a string of LEDs.

4. The system of claim 1, wherein the light source is a cold cathode tube.

5. The system of claim 1, wherein the light source is a neon filled tube.

6. The system of claim 1, wherein the delivery tube is an endoscope.

7. The system of claim 1, wherein the delivery tube is a catheter.

8. A system for performing intra-corporeal ultraviolet therapy, the system comprising:

a delivery tube, wherein the delivery tube comprises an electrical connecting means;

a UV light source inside the delivery tube positioned to emit UV wavelengths outward from the tube and around the circumference of the tube and for a substantial length of the tube, wherein the UV wavelengths comprise only UV-A; and

a power supply connected to the UV light source by the electrical connection means of the delivery tube.

9. The system of claim 8, wherein the delivery tube is a catheter that comprises a lumen that is configured to pass over a guide wire.