

ABSTRACT

PHOTOTHERAPY DEVICES AND METHODS

The present disclosure relates to phototherapy device members which can be coupled to a light source to deliver light to hard to reach or internalized sites and which include a flexible fiber optic tip member having a core for transmitting light and an elastic tubular connector sleeve for mechanically coupling the flexible tip member to the light source. The present disclosure also relates to phototherapy devices which comprise the light source and the flexible fiber optic tip member. The present disclosure also relates to methods of phototherapy using the phototherapy device such as anti-bactericidal treatment, periodontal treatment, wound healing treatment, anti-fungal treatment, anti-parasitic treatment, anti-viral treatment, skin condition treatment, or treatments to minimize or reduce scarring.

FIGURE 1