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E-ABSTRACT BOOK

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More efficiency through transillumination with Veinlite® in the sclerotherapy of spider veins

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Sclerotherapy is still the gold standard in the therapy of spider veins. To get more efficiency it is necessary to undergo sclerotherapy especially in the reticular feeder veins. These are often not easy to detect. The effect of compression after sclerotherapy of spider veins is not proven.

Methods. In Germany the standard sclerotherapeutic agent in the treatment of varicose veins is polidocanol. We use for the treatment of spider veins polidocanol in the concentration 0.75%. We show how much easier it is to detect reticular feeder veins in the sclerotherapy of spider veins using transillumination. It was primary developed as a vein finder for vein access especially in children, neonates and emergency medicine. The patients were very happy with this kind of therapy because of the reduction of pain while injecting. The risk of accidental paravascular injection is reduced. The cosmetic effect increased. Using a special prepared blood pressure cuff we show that it is not possible to close spider veins with concentric compression after e.g. sclerotherapy.

Conclusion. Transillumination with Veinlite® is very useful in the sclerotherapy of spider veins. The performance becomes much easier especially for beginners. There is no reason for concentric compression after sclerotherapy of spider veins.