

Clinical diagnosis of lymphoedema (lymphofluoroscopy)

Proposal of change title in: **The added value of imaging of the lymphatic system through near-infrared fluorescence imaging in the treatment of lymphoedema**

Since a number of years, a new imaging technique has been introduced to visualise the superficial lymphatic system, i.e. near-infrared fluorescence imaging or also called lymphofluoroscopy. This technique is very valuable since the images of the lymphatic system are immediately available for patient and therapist. Moreover, it gives detailed information about the patient-specific lymphatic architecture. A lymph collector is visualised as a linear pattern. In case of an obstruction of a lymph collector, a dermal rerouting pattern appears. A lymphofluoroscopy can be useful to improve the conservative treatment of a patient with lymphoedema. For example, it can be applied to improve the technique of manual lymph drainage and to adjust the compression material. It can also be useful as a guide for lymphatic surgery (e.g. lymphovenous anastomosis).