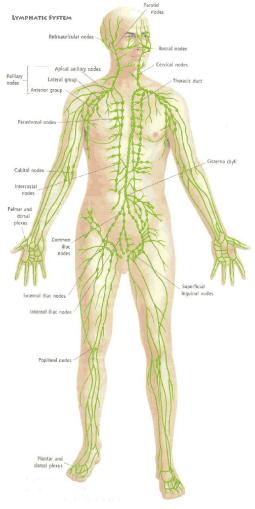


BTL lymphatic drainnage – medical background



Lymphatic vs. blood circulatory system



- Blood vessel arteries, capillari veins
- Liquid=blood- oxygenation, nutr
- Moved- heart, "muscle pump"
- Lungs-heart-limbs-heart-lungs
- Lymphatic vessels, capillaries
- Liquid=lymph excessive fluids metabolites
- Move-muscle pump, gravity cha
- Limbs-trunk /blood stream/

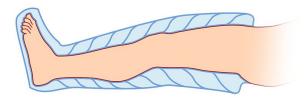
BTL lymphatic drainnage - medical backg

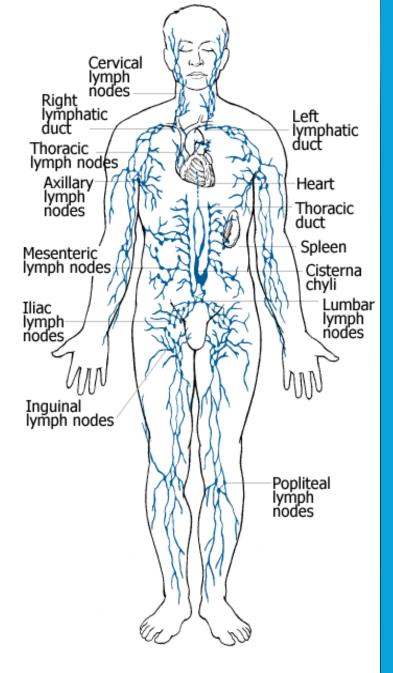




Extracellular fluids removall:

- Lymph drainnnage from distal, peripheral parts towards the trunk
- Lymph vessels, nodes, special organs /spleen, thymus/
- Immune system organs
- Disorder in the path causes extracellular fluid accumulation





BTL lymphatic drainnage - medic



Caused by lymph=extracellular fluid accumulation

Swelling
Metabolites accumulation
Pain

Edema

Drainnage is supported with "muscle pump" and changes in orientation of the gravitation field / "heavy legs sy."/

BTL lymphatic drainnage - medical background



- Rehabilitation post-surgery , post-immobilization, after lymphatic paths removal or damagei, blood circulation disorders
- Aesthetic medicine excessive fluid removal reduces the volume of the extremity and supports local metabolism, regenaration and healing
- Wellness centers regeneration and detoxification- faster recovery + aesthetics



5



Lymphoedema /obstruction of the lymph vessels/



Heavy leg sy / might be associated with chronic veinous insufficency/

Swelling and pain in legs

BTL lymphatic drainnage - medical background



Surgical damage of the vessel /endoprosthesis, ablation/ -

Elephantiasis /Bacterial infection transmitted by mosquitos/



BTL lymphatic drainnage - medical background



Fig. 281.—Elephantiasis of the scrotum in a native of Fiji.

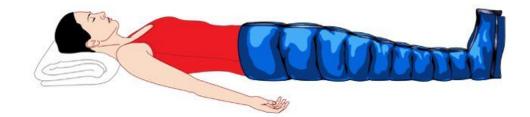


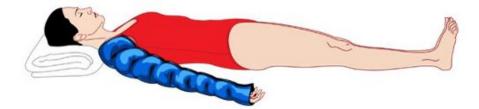
- General causation treatment
- **Symptoms treatment** : mechanical removal of the fluid in the limbs:
 - Manual lymphatic drainnage /time consuming and physically exhausting/
 - Instrumental lymphatic drainnage /completely simulates the manual procedure and saves therapist time and energy/
 - Kinesitherapy, elevation, compression



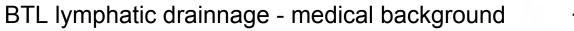
- 1. Central lymph nodes, collectors massage/ to empty the nodes and vessels
- 2. Soft, slow, surface massage from peripheral to central parts /to move the lymph towards the trunk
- 3. Always respect the lymphatic system anatomy













Chronic oedemas
Posttraumatic care
Venous insuficiency & ischaemic disease

Arthrosis, Carpal tunnel, Algodystrophy
 Gout, Trophic disorders, Obesity

♦ Others in catalogue..



Heavy legs sy
Varices prevention
Post-liposuction care
Regeneration & detoxification
Cellulite

♦ Others in catalogue..





THANK YOU FOR YOUR ATTENTION!!!