


Sequential compression devices

Sequential compression devices utilize sleeves with separated areas or pockets of inflation, which works to squeeze on the appendage in a “milking action.” The most distal areas will initially inflate, and the subsequent pockets will follow in the same manner. 

Sequential calf compression and graduated compression stockings are currently the preferred prophylaxis in neurosurgery for the prevention of [deep venous thrombosis](#) DVT and [pulmonary embolism](#), sometimes in combination with [low molecular weight heparins](#) or [unfractionated heparin](#).

Intraoperative SCD-therapy is recommended during prolonged laparoscopic surgery to counter altered venous blood return from the lower extremities and consequent cardiac depression caused by pneumoperitoneum (inflation of the abdomen with carbon dioxide).

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