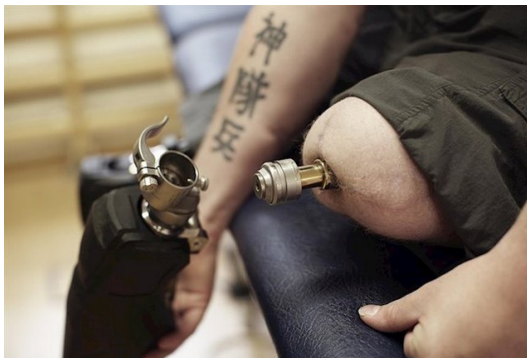


Osseo-integration training summary.

Mint rehab

Vicky, Danny and Tom present information about their company and the services they can provide in relation to osseo-integration, prosthetics and orthotics, and rehabilitation. Mint rehab have clinics in Preston, Bolton and Wigan however also travel. The company can offer support with upper and lower limbs and are amputee specialists. They focus on functional limb movements such as developing skills to reach for a drink, rather than skills to reach for a ball, as some other rehabilitation teams do. They are also happy to 'work outside the box' and have helped case managers and other professionals arrange for a kitchen to be adapted and fitted for one of their clients. They are more than happy for questions to be put to them and if they can help they will, or advise on another service who may be more beneficial to the task.

Osseo-integration:



Osseo integration is used for permanent anchorage of artificial limbs to the human skeleton. In a two step surgical procedure a metal (titanium) implant is inserted into the bone of the arm or leg and this implant penetrates through the skin. The artificial limb (prosthesis) is easily attached to this implant with a connector. It is being trailed as a one stage procedure currently.

For patients with extremity amputation, osseo integration offers many advantages in comparison to socket prostheses. The attachment of the osseo integrated prosthesis is much more stable and this allows for much improved walking and joint movement. An osseo integrated prosthesis does not cause skin breakdown. Because the prosthesis is directly attached into the bone, patients feel their prosthesis as part of their own body by natural osseo-perception. This highly innovative technique contributes to the amputees' quality of life.

It is estimated that in 6 years following the Osseo integration surgery the cost will be neutral, when considering the costs of prosthesis and the long term follow up required.

Osseo-integration is not yet available to children, due to bone growth not yet being complete.

Other contraindications include:

- Diabetes
- Patients having chemotherapy
- Clients with vascular disease
- Smokers
- Clients who are not psychologically stable
- Clients working or hoping to return to working in dirty environments – due to the site of the osseo-integration remaining open they are liable to infection.
- Clients wishing to swim in public pools following the surgery – again due to risk of infection.

Please see the video for full details on osseo-integration.