Applications of DEEP OSCILLATION®
Clinically proven effects of DEEP OSCILLATION®
- Significant Pain Reduction
- Anti-inflammatory effect
- Anti-fibrotic effect
- Scar Tissue break down
- Muscle relaxation
- Oedema reduction
- Haematoma absorption
- Stimulate a dynamic wound healing
- Facilitate movement
- Reducton of skin irritation
- Detoxification
- Improvement in the tissue quality

Studies of particular interest to view are below:

PRODUCTS AVAILABLE:
- Hospitals/Rehabilitation Units

> DEEP OSCILLATION® Evident CLINIC
- Faster regeneration after surgery, trauma, injury, damage from overtraining and operations – for muscle aches, strains, inflammation, swelling, wounds.

> SPORTS
- Faster regeneration after training, traumatic injury, damage from overtraining and operations – for muscle aches, strains, inflammation, swelling, wounds.

The DEEP OSCILLATION® Personal Sports is available for self-management with programmes including Traumatic Pain, Muscle Aches and Sparring, Bruising, Swelling and Scar Tissue. All pre-programmed conditions will naturally improve poor circulation too thus improving cold residual limbs feeling and associated pain. The unit is lightweight, very easy to use and is supplied in a smart carry case with varying sized applicator heads and rechargeable batteries (main charger, car charger and recharge). It can be taken as hand luggage on flights.

A common problem in the residual limb is swelling, especially following surgery, extreme atmospheric pressure changes and wearing prosthesis for a lengthy period of time. The swelling, caused by excess fluid, can exert pressure on internal structures, resulting in tingling, numbness or pain. Swelling can also alter the fit of a person’s prosthesis and limit his or her ability to wear it comfortably. DEEP OSCILLATION® applied on the Oedema programme will effectively reduce swelling, moving fluid from the end of the limb toward the trunk of the body.

Many amputees have scar tissue in the affected limb associated with surgery or the original injury. Scar tissue is tougher, less elastic and often thicker than normal skin and muscle. Due to its restrictive characteristics, scar tissue can have a negative effect on adjacent tissue, resulting in stiffness and/or pain. DEEP OSCILLATION® via the Scar Tissue programme is highly recommended to reduce tightness, stiffness, pain and to increase the range of motion of affected and surrounding joints.

HIVAMAT® 200 designed for the individual therapist.

No external pressure is required to permeate the 8cm tissue depth through the applicator (self-treatment) or the vinyl gloved hand of the therapist, thus also saving the hands of the therapist.

Trying out DEEP OSCILLATION®
Individuals: It is recommended by PhysioPod® UK Limited that individuals wishing to experience DEEP OSCILLATION® should find their nearest therapist to assure suitability and effectiveness of the therapy method before making a decision to invest. http://www.physiodp.co.uk/therapist-map.html

Hospitals/Rehabilitation Centres/Therapists:
For more information and to organise a demonstration:

Please email: info@physiodp.co.uk
Call our office: 01159 167 685 or Julie Soroczyn on 0788 692 5715
Alternatively visit our website: www.physiodp.co.uk

Self-managing with the DEEP OSCILLATION® Personal:
The loss of a limb can have a deep rooted effect on the life of an amputee and managing the symptoms is key to maintaining and improving quality of life.
Deep Oscillation®
Electrostatic Massage Therapy

Interventions, bi-phasic impulses (5 Hz – 250 Hz) permeate an 8 cm depth through all tissue layers (applied via vinyl gloves or applicator)

Reducing pain, swelling and bruising and encouraging a dynamic wound healing with smoother, resultant scar tissue

How Deep Oscillation® Works
Deep Oscillation® is a patented electromechanical therapeutic procedure utilizing resonant vibrations of the tissue with Deep Oscillation® equipment from Physiodor, Germany. A special design makes it possible, using electrostatic attraction and friction, “to produce mechanical vibrations in treated tissues of the body, not only at the skin on the surface but also deeper tissues” (Schindlauer and Berg refer to a “penetrating vibration and pumping effect deep into the tissue”). The frequency can be varied in the range from 2500 Hz. The treatment application is performed by therapists Vinogradov and Hsu. Poorly vascularized and fibrotic tissues are more sensitive to the vibrations. It is also used in the rehabilitation of injured tissues and for superficial lesions.

Benefits of Deep Oscillation®
- Reduces pain and swelling
- Improves circulation
- Enhances wound healing
- Improves mobility
- Reduces scar tissue formation

Deep Oscillation® is used in numerous clinical settings, including rehabilitation, sports medicine, and cosmetic medicine.

Amputation pain & swelling:
Following amputation, tissue layers have been largely disrupted (skin, muscles, bone and nerves have been cut), the amputee encounters an understandably high level of pain. Research suggests that early pain control is of paramount importance to avoid problems developing further down the line.

Burns rehabilitation:
Starting early “Clinical effects of DEEP OSCILLATION® therapy on patients in the group with DEEP OSCILLATION® therapy was 10.8 days (SD 0.56) whereas in the group treated with silver sulfadiazine it was 16.2 days (SD 0.76). The significance test verify the healing of individuals before and after treatment differed significantly.

We found that in the group treated with deep oscillation therapy there were significant differences before and after treatment. p < 0.01 (Z = -4.81, p < 0.01).”

Lymphedema:
Julie Janszyn treats with Deep Oscillation® therapy at Medico 2012 in Germany

New used for the treatment of lymphedema (also in the NHS and by private MLD therapists), sufferers are also successfully colonizing with the Deep Oscillation®

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EMPOWER: PAIN MANAGEMENT

A WORD FROM THE LA

I have been a busy couple of months in the fundraising and Events team at the Limbless Association.

In November we announced DJ Matt Brown as Goodwill Ambassador for the Limbless Association.

In 2011 Matt was living the dream, Diving in thousands of holidaymakers on the party island of Crete. Overnight, following a horrific crash, his arm was amputated to save his life. Only two weeks later Matt, without practice and with 70 stitches, was back Diving to a crowd of 1,000 people with one arm.

Matt commented: “It was the best experience of my life. That place was good. It was totally surreal. It was pure euphoria.”

Matt has gone on to earn the respect that he deserves and is recognised as one of the best DJs from the UK.

He is currently on tour in Mauritius playing over the festive season and into the New Year at prestigious resorts and clubs.

We are honoured to have such an inspirational figure taking on this role for the Limbless Association and wish Matt every success in his professional career as an international DJ.

Look out for Matt’s fundraising activities for the Limbless Association in 2014.

On 3 December the Limbless Association hosted an event to celebrate the 30th Birthday of the Charity, and mark European Limb Loss Day. The awards evening was to recognise and reward outstanding contributions and achievements in the Limbless and healthcare communities and the Prosthetic and Orthotic Industries. All awards were nominated by Limbless Association members, prosthetic service users and industry professionals.

Eric Olsenham MP addressed the guests and presented the awards alongside John Reed, Chairman of the Limbless Association.

Early efforts, Events Manager at the Limbless Association commented: “It was an honour to be amongst such inspirational people from all corners of life. Thank you and congratulations to all the nominees and winners.”

The event was supported by Ann Begg MP and held at Portcullis House, Westminster.

Text: Limb 100.00 to 70070 to donate to the Limbless Association.

EMPOWER in association with the
INTRODUCING BRIEF OSCILLATION®

DEEP OSCILLATION®

A gentle, non-invasive electrostatic field therapy getting to the core of pain and swelling

DEEP OSCILLATION® is a German, innovative technology that has been in the UK since 2007 and was introduced by PhysioPod Ltd. Limited. It is now utilised within the NHS and by private MLD therapists. Therapists for the treatment and management of lymphoedema, a chronic, long-term condition, that causes swelling in the body’s tissue which can lead to pain and a loss of mobility. It is also used in the active sporting world for injuries because it can be used immediately after injury and day one post operatively, significantly reducing pain, swelling and bruising. Neurological sports massage should be contraindicated at this stage. DEEP OSCILLATION® promotes a speedier healing and a quicker return to normal active forms of physiotherapy.

A WORD FROM THE LA

I was a busy couple of months in the fundraising and Events team at the Limbless Association. In November we announced DJ Matt Rowan as Goodwill Ambassador for the Limbless Association.

In 2011 Matt was living the dream, DJing to thousands of holidaymakers on the party Isle of Crete. Overnight, following a horrific crash, his arm was amputated to save his life. Only two weeks later, Matt, without practice and with 70 stitches, was back DJing to a crowd of 1000 people with one arm.

Matt commented: “I was the best experience of my life, the place I’d never been and it was totally surreal. It was pure euphoria.”

Matt has won the respect that he deserves and is recognised as one of the best DJs from the UK.

He is currently on tour in Minsk playing over the festive season and into the New Year at prestigious resorts and clubs.

We are honoured to have such an inspirational figure taking on this role for the Limbless Association and we wish Matt every success in his professional career as an International DJ.

Look out for MATT’S fundraising activities for the Limbless Association in 2014.

On 3 December the Limbless Association hosted an event to celebrate the 30th Birthday of the Charity, and mark European Limb Loss Day. The evening was to recognise and reward outstanding contributions and achievements in the Limbless and healthcare communities and the Prosthetic and Orthotic Industry. All awards were nominated by Limbless Association members, prosthetic service users and industry professionals.

Eric Glencross MP addressed the guests and presented the awards alongside John Reid, Chairman of the Limbless Association.

Carly Duffett, Events Manager at the Limbless Association commented: “I was an honour to be amongst such inspirational people from all corners of life. Thank you and congratulations to all nominees and winners.”

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Text: Limbloss 100 London 70070 to donate to the Limbless Association.

EMPOWER in association with the

Intermittent, bi-phasic impulses (5 Hz – 250 Hz) permeate an 8 cm depth through all tissue layers (applied via vinyl gloves or applicator)

Reducing pain, swelling and bruising and encouraging a dynamic wound healing with smoother, resultant scar tissue

How DEEP OSCILLATION® Works

DEEP OSCILLATION® is a patented electrotherapeutic procedure using resonant vibrations of the tissue with DEEP OSCILLATION® equipment from Physioderm, Germany. A special design makes it possible, using electrostatic attraction and friction, “to produce mechanical vibrations in treated tissues of the body, not only on the skin on the surface but also in deeper tissues.” Schindel and Berg refer to a “penetrating vibration and pumping effect deep into the tissue.” The frequency can be varied in the range from 5-250 Hz. The treatment apparatus thus delivers vibration and microcurrents, which are very gentle yet effective. The impulses caused by vibrations set up local electrical currents, which in turn produce a stimulus in the cells.

Setting itself apart from traditional electrotherapies, DEEP OSCILLATION® does not electrically stimulate the tissue (it is fitted with patented discharge circuitry), nor does it produce heat in the tissue, so it can be used with implants and joints. It is used in the Rehabilitation Department of the Portland Hospital for Women and Children in London, where primary use is for lymphoedema but is also kindly provided for the following statements:

“We have used DEEP OSCILLATION® via the HVIMAPP® 200 across both our paediatric and adult clients’ group to reduce swelling and pain post surgery and post-operatively. We have found it to be of particular benefit to patients in reducing discomfort and swelling around the abdominal area following gynaecological surgery.”

Following amputation, tissue layers have been repeatedly disrupted (skin, muscle, bone and nerves have been cut), the amputee encounters an understandably high level of pain. Research suggests that early pain control is of paramount importance to avoid problems developing further down the line.

DEEP OSCILLATION® promotes a speedier healing and a quicker return to normal active forms of physiotherapy. As such, it is an extension of rehabilitation services. The treatment procedure is characterised by minimal external mechanical effects, which allows it to be used in cases of acute pain, fresh injuries and in the treatment of wounds. Numerous pilot studies have demonstrated pain reduction, minimisation of oedema, anti-inflammatory and anti-inflamatory effects as well as improved wound healing. It is commonly used for the treatment of lymphoedema.

DEEP OSCILLATION® is shown by photographic images recording to permit an 8 cm depth.

E Y H R E M N K:

DEEP OSCILLATION®

Electrostatic Massage Therapy

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Amputation pain & swelling:

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Burns rehabilitation:

Study reveals “Clinical healing time of ABI skin burns is in patients in the group with DEEP OSCILLATION® therapy was 10.8 days (SD 0.53) whereas in the group treated with silver sulfadiazine it was 16.2 days (SD 0.76). The sign test verify the healing of individuals before and after treatment differed significantly. We found that in the group treated with deep oscillation therapy there were significant differences before and after treatment p<0.05 (Z = 4.811, p = 0.001).

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Julie Jareczek treats with DEEP OSCILLATION® therapy at Medico 2012 in Germany

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  - DEEP OSCILLATION®
  - Evident CLINIC
  - REVERSIVE
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  - FASTER REGENERATION AFTER INJURY
  - DAMAGE FROM OVERTRAINING AND
  - OPERATIONS FOR MUSCLE ACHES, STRAINS, INFLAMMATION, SWELLING, WOUNDS

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info@physiopod.co.uk

Call our office:
01159 167 685
or Julie Soroczyn on
0788 692 5715
Alternatively visit our website:
www.physiopod.co.uk