

THE
LONDON PROSTHETIC
CENTRE

Newsletter

Issue 8 includes

- Ella Dove - From tragedy to triumph
- All in good hands - What you need to know about the latest upper limb technology
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- Success stories - Watch the latest videos
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- Our pick of the best events to keep you busy all summer long!



A message from the LPC team,

Welcome to the summer edition of the LPC newsletter for 2018!

It's here! Summer has arrived and in this issue we share a host of new and exciting features along with a packed events calendar.

We also feature;

- Our cover story, 'From tragedy to triumph!' We reveal Ella Dove's remarkable achievements since her accident that led to limb loss.
- Technological developments that will astound you! We take a look at the upper limb technology that is taking the world by storm.
- Best videos of the month - we share a few short clips behind the scenes of the silicone clinic and of two clients whose lives have been shaped by the confidence they have gained from wearing their new silicone prosthesis.
- A snapshot look into osseointegration.
- Lastly, we keep you up to date with all the latest events taking place over the next few months to keep you entertained throughout the summer months come rain or shine!

Warmest Regards,
The LPC Team

Your feedback matters

We love hearing your thoughts on the work we do here at The London Prosthetic Centre, so please get in touch by e-mail to let us know what you think of this issue. We welcome your suggestions on stories and content or if you want further information on a specialist subject, all ideas are welcome!

To get in contact please e-mail enquiries@thelondonprosthetics.com and we look forward to your comments and feedback!

All in good hands - What you need to know about the latest upper limb technology

The Hero Arm

Upper limb technology has taken a while to catch up with the impressive lower limb components available on the market, which is in part due to the complexities of hand, wrist and digit functions. But finally, we have new concepts available that might just be revolutionary in their function and future. One of the technologies that has recently become available is the Hero Arm by Open Bionics. With several awards received on the entrepreneurship and design, Joel Gibbard from Open Bionics has taken upper limb technology to new heights. Founders Joel and Samantha recently joined our clinic to discuss opportunities with the new Hero Arm. Very soon after the discussion, we completed 3 clinical trials with great success and are expecting fantastic outcomes for all future Open Bionics trials within the clinic. Don't forget to follow us on Facebook, Twitter and Instagram to keep up to date with all the progress and of course in our next newsletter where we will be revealing the outcome of the full trial!



The LUKE Arm

Mobius Bionics, an American-based company has developed ground-breaking technology in upper limb prosthetics with the new LUKE arm. It is the only commercially-available prosthesis with a powered shoulder, allowing a shoulder-level amputee to reach over their head. The arm features a number of new unique functions;

- Powered humeral rotation
- An opposable thumb
- A multi-function powered wrist with pronation/supination
- Wrist flexion/extension as well as ulnar/radial deviation

At the moment, The LUKE arm is only available in the USA, however recent talks between Abdo and Mobius Bionics directors have generated positive feedback and we expect some optimistic news and changes to the availability of this extraordinary product in the very near future. We'll be sure to keep you updated on both the product functions and the progress of availability in the UK. Visit their website to see the full extent of the LUKE arm.

Ella Rose Dove - Rewriting her story. From tragedy to triumph



In May 2016, magazine journalist Ella Dove from Stratford was out jogging with her sister when she tripped and fell. Tragedy ensued as Ella had fallen in such a way that her knee had dislocated and a bone had severed a major artery which prevented circulation to her foot. The devastating result was the amputation of her right leg below the knee, five days after her fall.

May 2018 marks the second anniversary of the ill-fated day, however, Ella's approach to life shows a very different state of mind since then.

When Ella came to The London Prosthetic Centre and met with Abdo, the plans were set in motion for custom made legs that would help Ella continue with her daily life without much hindrance. Choosing to opt for the superior services of the LPC, Ella needed to raise funds. With the success of a stand-up comedy show as well as a heart-warming choir ensemble with

Stratford East Choir and being part funded by LPC, Ella raised the funds for her new journey. Ella's custom-made legs consist of an everyday all terrain leg, a high definition silicone cosmesis and a sensational running blade to aid and improve her fitness experience. Through Ella's determination and resilience, she has come a long way from that fateful day. Her career has gone from strength to strength and she continues to write for Good Housekeeping and Prima. Alongside this, Ella has achieved her lifelong dream of being an author as she has recently secured a book deal.

For Ella's full story please visit the LPC website.



Ella pictured with her custom silicone cosmesis

The S-Charge System

A pioneer in new technology, the S-Charge System from Steeper Group is a revolutionary new way of charging myoelectric prosthetic hands that employs the very latest advances in battery technology.

Designed to provide an improved way of working for clinicians, and an increased element of awareness and control to the prosthetic user the S-Charge System is a sleek, cutting-edge battery system that has been welcomed by the industry. Employing the latest advances in battery technology, the S-Cell batteries have been designed specifically for the S-Charge System. Flat and discreet they ensure a neat containment within the forearm whilst using minimal space and with the option of accommodating two, three or four batteries, the system is suitable for a range of users with different activity levels.

For more information on the upper limb products and services available at The London Prosthetic Centre please contact us via e-mail at enquiries@thelondonprosthetics.com or by phone at 0208 789 6565.



Actions speak louder than words

Recently, Access Legal completed a film shoot featuring two of their clients who attended our clinic for silicone cosmesis. A fundamental aspect of our work here is to be able to share how our clients have managed to overcome challenges and create turning points in their lives. The videos showcase the difference that their new silicone cosmesis have made and how they have helped create a new and more confident chapter in their lives. We hope you find these videos as inspiring as we did.



How it's made - What exactly goes on in the making of these high definition silicone prostheses?

Courtesy of Access Legal, a short video was created to highlight behind the scenes of how silicone cosmeses are made. We invest in devising the most natural coverings for both upper and lower limb prostheses, as well as cosmetic restorations and individual digits.

Each cosmesis is created and sculpted in-house by hand to meet patients' specific requirements and has a remarkably realistic appearance and feel. Skin pigmentation, freckles, veins, hair and even tattoos can be incorporated to ensure an authentic finish. Unlike many similar products, our fabrication techniques involve colouring the silicone material prior to sculpting, as opposed to surface painting. This process allows the layering of different shades of silicone to give a translucent finish to the cosmesis, achieving an effect similar to natural skin.



Using Spectromatch, our unique electronic colour matching process, we deliver a near perfect match to an individual's skin shade. The Spectromatch system stores up to 22,000 colours and offers a far superior colour matching process than traditional swatches. Visit our Facebook, Twitter or Instagram page to watch the video.



What's on this summer

We hope you have your adventurous spirit ready for this summer as our partner charities have a vast array of events from outings to the Lake District, football challenges, theatre tickets and teddy bear picnics. There's bound to be an event that will be of interest to you but below are just a few of our top picks!

Limbcare

21st July - Worldcup football
24th June - Wokingham Bikeathon

Limbpower

23rd June - Limbpower Junior Games
21st July - Limbpower Stoke Mandeville Manic marathon for the competitors. Limbpower will also be hosting a teddy bears' picnic for the little ones as well as a mini sports day for ages 4-7-year-olds.
20th Aug - Theatre Day in London for 8-16-year-olds
September - 5 day Lake District outdoors adventure

Limbless Association

LA have spaces available to take part in a number of races for June and July across the UK. Spartan Races, Rough runner and Gauntlet Games will be taking place across Brighton Cardiff Manchester and more. Visit their website for further information.
18th Aug - Super Hero Tri 2018 - Dorney Lake, Windsor



Osseointegration - Is this the new way of prosthetic technology?

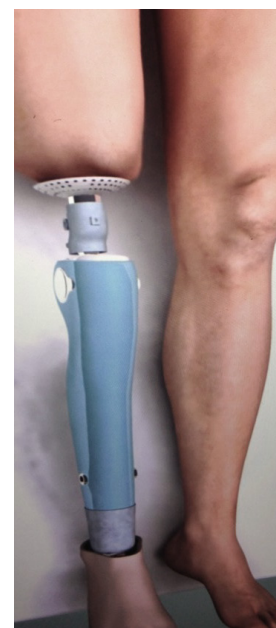
Osseointegration is a hot topic throughout the prosthetic industry and it's not surprising considering the outcome for amputees who have had a history of problematic socket fittings. But, is it the right path to take when facing prosthetic complications? We list a few vital pointers on the pros and cons of osseointegration.

Why choose osseointegration:

- No socket
- Improved connection
- Reduce feel of weight
- Reduced sweating
- Improved functionality
- Easier to don and doff
- No skin problems

Why osseointegration might not be for you:

- Infection
- Poor bone/flesh bonding
- High risk procedure
- Cosmetic issues with protrusion
- Limited high impact activities
- Long-term issues: fractures, fatigue of metal, granulation issues
- Loosening of implant



Osseointegration consultations are available at the clinic. If you would like further information, please get in touch at enquiries@thelondonprosthetics.com or call us on 0208 789 6565.