

## AOP Conference 2011 Workshops

Our principle sponsors will be providing a variety of educational workshops. Here is taster of what to look out for:

### [Beagle: Beagle Clasby Humeral Brace Demonstration](#)

#### Aim:

To illustrate to delegates the clinical effectiveness and success in the treatment of humeral fractures with the Clasby humeral brace.

#### Abstract:

One of Beagle Orthopaedics main strategic aims is to work closely with our customers to better understand what is needed to best support them within the working day.

Working in partnership with, and understanding our customers, has given us the opportunity to develop a brand new concept in humeral fracture bracing.

The Clasby Humeral Brace is designed for the treatment of mid-shaft to proximal third humeral fractures and can be used in first line treatment for acute management, or as a supporting device in the later stages. This has been one of our most successful product launches and is changing treatment protocols all over the UK.

Our workshop will focus on demonstrating the clinical effectiveness of the brace, presenting a detailed fitting and explanation alongside a comprehensive question and answer session with our clinical demonstrator and inventor Gary Clasby.

We will also reveal the varieties of variations we also supply, which are based on the original design but with again with personal needs and wants built in.

### [Breg/Orthofix: The Taylor Spatial Frame \(TSF\), its function, the rehab into a Walker boot and the role of the orthopaedic practitioner.](#)

#### Learning Objectives.

- Understanding what a TSF is and how it is used.
- The patient criteria for application of a TSF.
- The role of an orthopaedic practitioner during and after removal of a TSF.

#### Abstract

The TSF is an external fixator for the treatment of complex fractures and bone deformities. The role of an orthopaedic practitioner is becoming more common place in this treatment, from pin site care to the application of casts and use of a supportive walker boot following removal.

### [BSN: "Your Choice - Accept no imitations" Casting in a changing environment](#)

#### Workshop Objectives:

- Discover how to empower your position in the changing NHS cast room environment
- Learn about techniques which will improve your patient cast experience

### [Chaneco: Who wants to brace a Millionaire?](#)

#### Overall Aim

To help broaden your knowledge with regard to assessment, brace fitting and aftercare of your patients

### Learning Objectives

1. Understanding the assessment
2. Guide lines of fitting braces
3. Useful aftercare advice

### Abstract

If you are keen to have some light hearted fun, whilst improving your knowledge as part of a team, then this is the workshop for you. We intend to help you understand more, make the right bracing choices and be more of a team player within your orthopaedic departments. Our workshop will consist of a team event, some optional hands on fitting opportunities and hopefully help you brush up on terminology and general knowledge. We look forward to welcoming you all.

## DJO Global: X-ray -Interpretation and Misinterpretation of Common Fractures

The workshops will be delivered by Mr Paul Rowe, a reporting radiographer and clinical tutor radiographer. The aim is to examine ten of the most common fractures with a session on common pitfalls. There will be an analysis of abnormal and normal features of the fracture x-rays.

The outcome will be to improve general fracture x-ray knowledge, and a greater awareness of fracture patterns.

## Ossur: Thomas' Splint

### Abstract:

Fractures of the femur are a common injury. They can result from high or low impact injuries affecting all age groups, and require immediate treatment to avoid complications. The Thomas Splint from Össur provides immediate and effective treatment in the emergency setting, providing traction and pain relief for the patient.

This session will provide a brief history of the Thomas splint and an overview of the Össur system. The second half of the session is designed to be an interactive tutorial in small groups looking at the adjustment and correct fitting of the Thomas splint.

## Promedics: Alternative Options in the Cast Room

### Learning Objectives

1. The correct and efficient use of Neofrakt when dealing with Spinal and upper limb Conditions.
2. Effective treatment of Distal Phalanx Fractures, Mallet Finger and Thumb Injuries with a new innovative Thermoplastic Tape.

### Abstract:

Promedics workshops will be based on two areas

Neofrakt; with a guest presenter from Spronken Mr. Kim Coenen demonstrating the effectiveness of the Neofrakt system covering upper limb and spinal conditions.

Orficast; An innovative Thermoplastic Tape; we will be demonstrating the application of a Mallet Finger splint and Thumb Splint with practical hands on sessions and samples for delegates to take and use in their departments.

## Talar Made: Introducing the Bodymedics Footshield Range

### Learning Objectives

3. To have an understanding of the features of the products
4. To have an understanding of the way the products can be used
5. To have an understanding of the conditions products can be used for
- 4 To have an understanding of how to use the products

Abstract:

The Bodymedics Footshield range is an innovative collection of footwear and walkers, utilising all the design features required for effective protection and offloading needs of the post operative, high risk and injured foot.

New products within the range include:

- Post Operative Shoe and Boot
- Offloading wedge Shoe
- Hex Peg Offloading System
- Duralite Post Operative Shoe
- Protective Walking Boot
- Airguard Walking Boot
- Pneumatic Walking Boot

All products are available in a range of sizes

## Trulife: Casting For Clubfoot - The Ponseti Technique

Abstract:

A review of the condition and the non-surgical techniques used to correct the foot. Presented by Sarah Paterson, Extended Scope Practitioner, The Royal Hospital for Sick Children, Edinburgh.

## 3M Healthcare: Neurological Indications and Treatments

Aim

Improve the understanding and treatment of Neurological Indications

Intended learning outcomes

At The end of the presentation the participants will be able to:-

- 1 Understand the indications of Spasticity
- 2 Know how to position the limb
- 3 Understand the importance of using the appropriate regime for the condition
- 4 Have the skills to apply the splint

**Key Words**

Spasticity Tone Splints Neurological

Abstract

Normal movement is dependent upon constant interaction of Neural structures within the Central Nervous System (CNS), any interruption will affect the outcome, Whilst the CNS generates patterns of movement or motor programmes, their effectiveness is crucially dependent upon the visco-elastic properties of muscles and the anatomical alignment of bones and joints.

Contracture is a change in musculo-skeletal structure secondary to reduced mobility this Can occur with anyone whose medical condition leads to immobilisation, therefore particularly common following neurological damage ie brain injury (Edward 05)

Muscles and soft tissues constantly held in a lengthened or shortened position will adapt to that position and become longer or shorter. The splint either prevents this occurring in 'at risk'

muscle groups or re alters the length by providing a prolonged low load stretch to the shortened muscles

Splints and casts are external devices designed to apply, distribute or remove forces to or from the body in a controlled manner to perform one or both basic functions of control of body motion and alteration or prevention in the shape of body tissue.”

(Rose 1986)

The National Clinical Guidelines for Stroke 2008 state:If stretching alone does not control contractures, serial casting around a joint should be considered as a treatment for reducing contractures.

The session will include a presentation focused on the Neurological Spasticity followed by a Soft Cast combicast hand resting splint as according to ( Edwards 2005) this technique is appropriate for most Neurological conditions.

**Presented by: Mrs P Radcliffe, Clinical Specialist 3M Healthcare**

**Biography:** Pat Radcliffe is currently employed by 3M Healthcare as Advanced Technical sales Specialist for Immobilisation Products. This role allows Pat to provide technical support to the sales specialist within the Immobilisation team at 3M Healthcare, in addition to multidisciplinary healthcare professionals, this would include casting room staff, occupational therapists, Physiotherapists, Podiatrists and medical staff of all disciplines.

Pat has 21 years experience of treating trauma and orthopaedic conditions, she has worked at The Royal Bolton Hospital & Hope Hospital Salford as an Orthopaedic Technician.

**Activa: New Approach to an Old Problem: Plantar Ulcer Management.**

Presenter:

Chris Wardman

RN. Post Reg Cert. BSc Hons. Dip He. P. Tech Cert.

Learning Objectives:

- Provide an understanding of the principles of FRC and Total Contact Casting.
- Identify the wound care products available to support the use of these techniques.
- Provide an awareness of the potential risks and benefits of this approach to the patient.

Session Abstract:

The problems faced managing plantar ulcers is one that has been approach in many different ways with varying success. The choice of wound care products along with the best way to off-load and protect the foot during the treatment stage is important and needs to provide an option for the patient that allows them to continue their activities of living whilst encouraging compliance with their treatment.

This session will offer options in wound care products that can be used in conjunction with a total contact cast. The cast will be constructed using an FRC technique along with a bespoke insole that will provide off-loading protection.

The technique provides a removable cast to access the wound, simple off-loading application and cost effective treatment of the condition. The benefits also include a reduction in the exudate as a result of the constant even pressure on the lower leg provided by the cast.

**Benecare: Beneflex (from beginning to end)**

**Part1**

**Speakers:** Jacqui Haliday

Karin Staples

**Overall aim:** Demonstrate how adaptable and patient friendly Beneflex can be.

**3 learning objectives:**

1. How to make a Total Contact Cast using Beneflex.
2. How the TCC with the use of Beneflex can be used in all situations.
3. How re-enforce the cast to different needs of the patient.

**Abstract:**

Total contact casts have been used for decades to promote healing of plantar ulcerations secondary to neuropathy. We will be demonstrating how Beneflex can be used in all applications of Total Contact Casting.

**Part 2**

**Workshop title:** Hip Spica and the application

**Speakers:** Simon  
Janet

**Overall aim:** shows the flexibility and versatility of Benecast advanced

**3 learning objectives:**

1. Promote hip spica care
2. Provide positive outcomes
3. Highlight steps charity

**Abstract:**

How to product a Hip spica from casting tape, demonstrating its flexibility and versatility then provide after care to the patient.