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CROWNE PLAZA®

10 -11 Nov 2015

Birmingham NEC

Broadening Experiences

HOW IS SEATING
TERMINOLOGY BEING
STANDARDISED?

WHAT IS THE
IMPORTANCE OF THE
PINNA OF THE EAR IN SEATING?

How should a
lateral support
be placed?

What is the impact of
a 1°C change in skin
temperature?

What causes more
tissue damage -
pressure or shear?

Why should we
pressure map every client?

‘To find out the answers to these, and many other questions, register for our training days’

10 Nov 15 Postural Challenges
and Seating Solutions
11 Nov 15 Pressure Care Management

**£69 + VAT per day
or both days for
£125 + VAT**

**10 November
2015**

Postural Challenges and Seating Solutions

Training Days £69_{+VAT} each or £125_{+VAT} for both days

10:00 – 12:00 Seating and Body Measures

Because there have been individual and varied ways of describing the seated person and their seating system, this has led to ambiguity. An ISO standard (ISO 16840-1) was published some years ago to address the need of removing ambiguity, and using a common language. A set of clinical guidelines has been published since, taking the individual through all the principles and how to apply them. This session covers highlights from these guidelines, and includes some hands-on experience of these principles and their application to wheelchair seating.

12:00 – 12:15 Tea and Coffee Break

12:15 – 13:00 Part 1: Pelvis and Lower body

Good seating needs to attend to our postural needs: to discourage the development of a hyperkyphotic, hyperlordotic, or scoliotic spine, we place the pelvis in a stable neutral position, and minimise any obliquity. This presentation covers seating design which assists in this direction.

The first priority is to protect tissue integrity. The materials used in a cushion need to avoid the downsides of these risks to tissue integrity of moisture, heat, shear, and bottoming out. The presentation covers the benefits and shortfalls of different materials. A seating system can provide the best of the above, but if functional aspects are not considered by the prescriber, compliance is lost. If the primary seating system cannot provide the positioning that is required, then we need to look at secondary supports. The presentation looks at what supports are available and how they can be used most effectively.

13:00 – 13:45 Lunch

13:45 – 15:15 Part 2: Trunk

With the pelvis' potential three degrees of movement, in seating we work on controlling these to provide stability for the individual. However, the flexibility offered by the vertebrae of the spine, severally and together, mean that controlling the back can be an even greater challenge than the pelvis. This presentation looks at the necessary interventions that are feasible from the lumbar to the thoracic and cervical areas, and the benefits on spinal development, as well as on the digestive, cardiovascular, and respiratory systems, and takes a 24-hour approach. We address a major endpoint, and that is how we can ensure, through the pelvis and the spine that the head is best placed for optimal function, communication, and socialisation.

15:15 – 15:45 Tea and Coffee Break

15:45 – 16:45 Part 3: Head

Parts 1 and 2 have provided the substrate to get us ready to be able to control the head, and without this control, the functionality from their seating system will be limited for the individual. In this presentation we look at the different functions for which the head is needed, and how we can enhance each of them. This will look at the different tools we have available, and will differentiate between the applications of head restraints, head rests, and head supports.

16:45 – 17:00 Q&A and Discussion

**11 November
2015**

Pressure Care Management

10:00 – 10:30 The relevance and effects of shear forces on tissue integrity

More damage is done as the result of shear forces acting on the cells in our skin than any other sources of attack on our skin integrity. This presentation explains the different effects created between the 'nasties' of friction, shear stress, shear strain, axial strain, and pressure.

10.30 – 11:00 Benefits of natural materials in controlling skin microclimate

These days it is appreciated that local conditions around the skin have more influence on skin health, than just 'pressure'. These influences include friction, shear, heat, and moisture. This short presentation looks at the benefits available from natural materials in managing skin health, as compared with man-made materials.

11:00 – 11:30 Guest Speaker 1

11:30 – 12:00 Tea/Coffee Break

12:00 – 12:45 What makes a good cushion?

When prescribing a cushion, it is important to understand what makes a good cushion, and get the right balance of how a cushion can protect tissue integrity, provide appropriate postural support, and give functionality (e.g. comfort, lightweight, ability to carry out daily activities, etc.) This presentation assesses, in detail, different materials used to manufacture cushions and how they affect each of the above criteria.

12:45 – 13.30 Lunch

13:30 – 14:30 What pressure mapping can and cannot tell us

Pressure mapping systems are used increasingly routinely to assess pressure distribution underneath a seated or lying person. How important is 'pressure' as compared with other elements of what is happening between the interface (bed or cushion) and the person? A new standard has just been published: Clinical interface pressure mapping guidelines for seating (ISO/TR 16840-9:2015). In this presentation we look at what this standard advises as to what pressure mapping can and cannot tell us, and how we can make best use of this technology.

14.30 – 15:00 Guest Speaker 2

15:00 – 15:15 Tea and Coffee Break

15:15 – 16:00 Changing behaviour to reduce incidence of pressure ulcers

Since early in the last century it has been well established that 'turning' patients on a regular basis helps to prevent what used to be called pressure sores or decubitus ulcers, and what we now know as pressure ulcers. This presentation covers new technologies that help to alert staff and monitor compliance with turning regimes – technology that has led to changed behaviour which has produced 64 % reduction in pressure ulcers and 273 % increase in compliance. This telehealth technology also helps to anticipate bed departures and has thereby led to up to 110 % reduction in falls. On top of all this, the same technology is measuring vitals – respiratory and heart rates – and providing early warnings of life-threatening events.

16:00 – 16.30 Q&A and Discussion

Booking Form

£69+VAT per day or £125+VAT for both days

Attendee 1 Details

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Title: _____ First Name: _____ Surname: _____
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10 Nov 2015 £69 ☐
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If attending both please tick here £125 ☐
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Attendee 2 Details

Day(s) attending

Title: _____ First Name: _____ Surname: _____
Job Title: _____
Department: _____
Phone Number: _____
Email: _____
Special Dietary or Access Requirements: _____

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Account Number: 03005222
Sort Code: 40-61-35

There is no restriction to the number of attendees per organisation. If you have more than two attendees please feel free to return multiple forms to marketing@bescorporate.net or by post/fax to the address below.

Deadline for applications: 6 Nov 2015 unless previously fully booked.