A Clinical Introduction to Leckey

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Clinical Research Manager

Lisburn, NI
15km from Belfast
70,000 ft² manufacturing facility
160 full time employees

A bit about me…

• Graduated in Occupational Therapy from Ulster University in 1994
• Worked as a paediatric therapist for 10 years
• Started with Leckey in 2005
• Obtained Master of Clinical Research in 2008
• Research partnerships
• Training and education

And in my spare time… 😊

Charlotte
Bea
Charlie

Mission
To improve the wellbeing, quality of life and social inclusion of children with special needs worldwide. We work closely with their therapists, parents, carers, funding bodies and our business partners around the world to research, develop and supply innovative, quality therapy equipment and services aimed at improving their mobility, ability and participation.

Vision
An inclusive world where every child can access their full potential.
**LECKEY® Values and Guiding Principles**

**Responsibility** – We are professional, we set the example in performance and behavior, and we expect the same from others.

**Integrity** – We are open, honest and trusting. We give our word and keep our promises.

**Passion** – We make a difference by being positive, focused and determined.

**Innovation** – We create and drive change by fostering an environment where it is safe and rewarding to try, invent and continuously improve.

**Customer focus** – We listen to, learn from, and support our customers.

**Agility** – We are fast, brave, disruptive and responsive.

**Teamwork** – We build relationships, collaborate and co-create with people who share our vision and values.

**Intelligence** – We research to better understand, develop technologies and make informed decisions.

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**Clinical role began in June 2005**

**Aim** – to make Leckey known for clinical expertise

Started out with research programme: “Establishing Best Practice in Children’s Seating Assessment” in partnership with Ulster University

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**Establishing Best Practice in Children’s Seating Assessment**

Seating systems are aimed at providing an appropriate level of postural support for each child, as well as offering comfort, skin protection and stability to enable daily functional activities to be carried out at home and at school. As postural control is a pre-requisite for most functional tasks, the inability to control posture has a significant impact on function.”


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**Presentations of the research work:**

Conferences – e.g. International Seating Symposium (US and Canada), ARATA (Australia), Posture And Mobility Group (UK).

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**Clinical Training Seminars** – delivered in UK and to support distributors in Germany, Italy, Hong Kong, Korea, Japan, Australia, New Zealand, US, Denmark and Sweden.
Case History Programme – 48 from 11 countries provide evidence of clinical effectiveness of products

Research partnerships with Universities – for example University of Central Lancashire for Speech and Language development

Co-ordinated messages throughout the whole product development process – for example, “Stronger Together”...

Stronger together

Design
Concepts
Computer aided design
Prototyping and
User testing

Stronger together

Engineering, Testing & Quality control
Static repetitive load testing
BSI 7176 testing
Crash testing
Review committee for ISO Seating Standards
Stronger together
User centred approach
Collaborative approach with clinicians, parents, carers & individuals to deliver innovative solutions.

Typical Industry approach
Product scaling… 1 product in different sizes

Are the needs of a 2 year old the same as a 12 or an 18 or a 25 year old?

People scaling… Kids are not small adults
Kids develop and grow into adults
They are not scaled down versions of them

People with special needs require a focused approach to meet their individual needs

Age specific approach to product development

Squiggles Range
Age specific approach to product development

Mygo Range
Age specific approach to product development
Age specific approach to product development

Kit Seat and Horizon Stander

A NEW HORIZON

Posture, Function & Comfort

1. Pelvic stability
2. Trunk and head alignment
3. Leg and foot positioning

These are keys areas of focus in the design and development of all our seating systems.

Clear and consistent clinical messages in all marketing materials:

- Simple products
- Complex products

Adding clinical value for therapists:

Clinical input at all stages of New Product Development:

- Product design specification
- User trials and design feedback
- Marketing materials
- Training and education materials
- Case History Programme
- Research partnerships
Thank you!
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