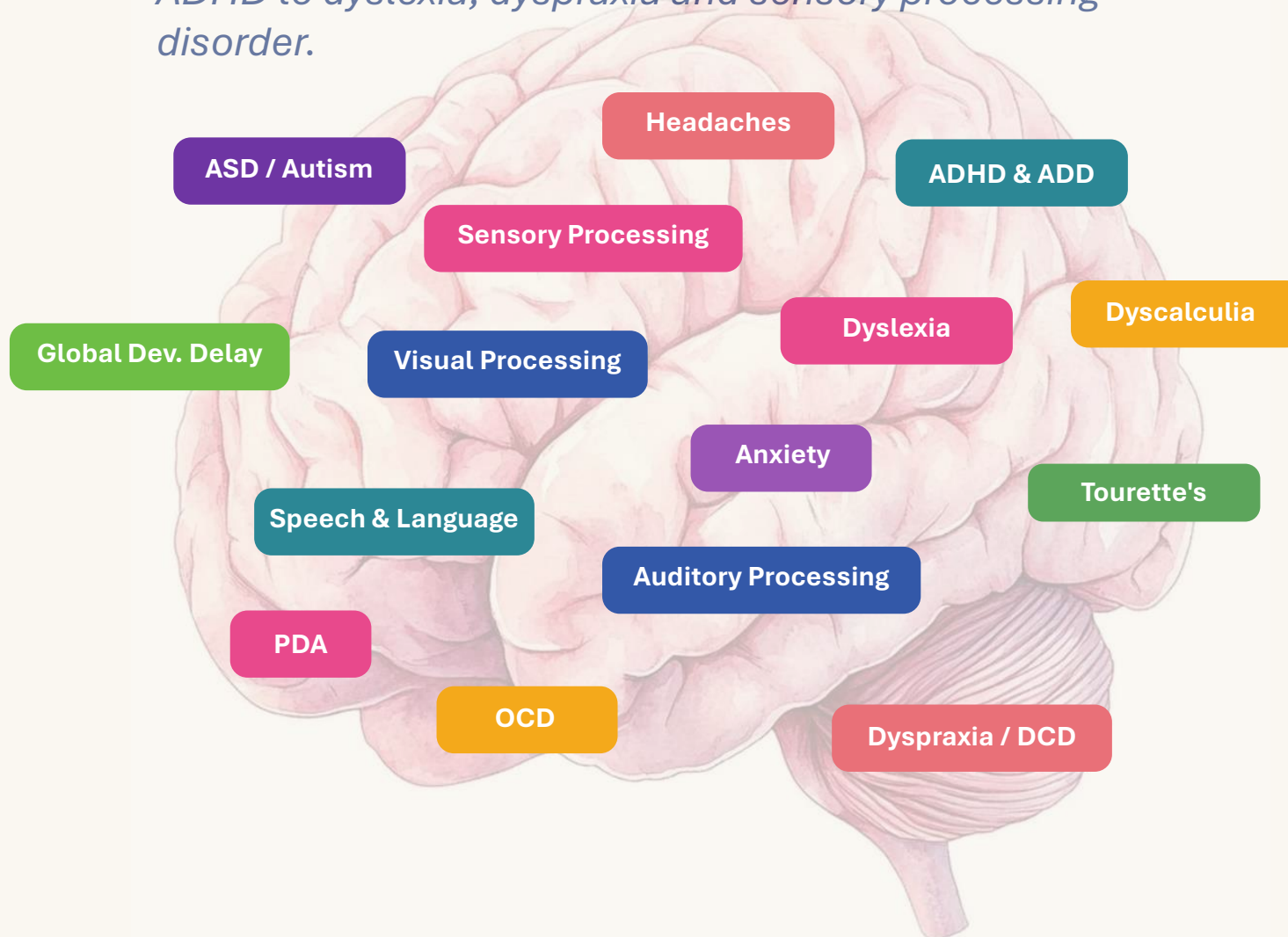


The Developing Brains *Seminars*

London 2027

Enhance your paediatric knowledge, skills and outcomes.

Help children with many conditions – from ASD and ADHD to dyslexia, dyspraxia and sensory processing disorder.



9 – 10 JAN 2027

Understanding &
Stimulating
Development of the
Sensory System

17 – 18 APR 2027

Assessing and
Activating the
Development of the
Cerebellum &
Vestibular System

10 – 11 JUL 2027

Developing the
Autonomic Nervous
System, Interoception
& Social Engagement

2 – 3 OCT 2027

Beyond Primitive
Reflexes: Integrating
Cortical Networks

Four weekends of hands-on, practical, interactive learning – each preceded by an on-demand theory webinar. Any seminar can be taken in isolation, though each builds a framework for assessment and treatment.

Blended Learning, Each Weekend

Every weekend combines an on-demand theory webinar with two days of hands-on, practical training.

THE WEBINAR

Theory, released one month ahead

Covers the neurological theory relevant to your assessment, treatment and understanding of neurodevelopmental disorders – cited with up-to-date research but built to be practical rather than textbook-heavy. Each webinar runs 5 hours, contributing 5 hours of CPD per weekend.



THE SEMINAR

Practical application, in person

Shelley Birkett-Eyles, specialist OT and founder of Hemispheres, teaches and facilitates alongside Darren – ensuring you receive hands-on assistance throughout every practical session, Saturday and Sunday.

15

Hours teaching
per seminar

5

Hours of webinar prior
to each seminar

2

Tutors teaching &
facilitating together

“Many up-to-date articles are cited to justify these approaches – but the aim isn’t to fill your head with a neurological textbook. Darren and Shelley share the neurological information they find practical and useful in clinic.”

Combine Manual Therapies with Brain Exercises to Assist Brain Development

Written for those with little or no prior knowledge of how to functionally assess a developing brain – and stimulate it through the body's many receptors.

Practical sessions demonstrate the assessments and interventions for each primitive reflex, and the functional neurological approach for each brain region that inhibits these reflexes – with options shown suitable for babies to teens.



This is not a protocol or a method. As you progress through the seminars, they build a framework for understanding the order of brain development that you can add to your current practice: knowing what you're testing and why, then reassessing to see the outcome of your therapies.

Course notes are extensive and structured – everything taught is in them. You and your patients will also have access to a full range of videos demonstrating the primitive reflex exercises and brain-based therapies.

Assess & Target

Which parts of the brain are delayed, and how to provide targeted interventions to stimulate them.

Understand Reflexes

What primitive reflexes are, what they mean, and how to modulate them across ages and abilities.

Apply Broadly

Ways to improve musculoskeletal, sensory, coordination, academic and emotional outcomes.

THESE SEMINARS HAVE ENHANCED THE CLINICAL RESULTS FOR:

Chiropractors

Developmental Therapists

Education Specialists

Speech & Language Therapists

Behavioral Optometrists

Occupational Therapists

Osteopaths

Child Psychologists

Physiotherapists

Understanding & Stimulating Development of the Sensory System

What are primitive reflexes, and where in the brain are they?

What does their presence tell us about brain development?

What does the research tell us about modulating or integrating them?

How can you integrate them with, or without, manual therapy – or both?



CLINICAL APPLICATION

Clinical pearls for developing the foot arches, handwriting, tool use, feeding, speech and language – from passive stimulation for more severe conditions, through to combining complex cognitive tasks with sensory-motor function for more able children.

We'll discuss **Cortical Asymmetry**, its implications for learning disabilities, and the many ways to stimulate and balance cortical function – plus an overview of the evidence for dietary interventions relevant to these children.



- Video library of every intervention shown, for you and your patients
- Case studies to help you consolidate and use what's taught
- Suitable for babies through to teens – no protocol, a framework

This seminar focuses on these reflexes:

- *Withdrawal*
- *Plantar*
- *Babinski*
- *Grasp*
- *Rooting*
- *Sucking*
- *Babkin*

We test each in different ways depending on age and ability, then test the cortical consequence:

- *Sensory processing*
- *Gross & fine motor coordination*
- *Cognitive skills*

Assessing & Activating the Development of the Cerebellum and Vestibular System

How do you test the cerebellum and vestibular system in babies and children?

How does vestibular development correlate with reflex integration and motor milestones?

What are the consequences of early vestibular delay for posture, coordination, cognition and behaviour?



CLINICAL APPLICATION

Learn how manual therapies stimulate the cerebellum and vestibular system, and which eye, core and balance exercises to use to promote neuro-muscular control – with interventions for every reflex, suitable for babies through to adults.

We'll cover how to **communicate the research** to parents, teachers and healthcare professionals – explaining why manual therapy and brain exercises are relevant and necessary for these children.

- Video library for every intervention, for you and your patients
- Many options per reflex – for babies, children, teens and adults
- Practical, hands-on sessions throughout the weekend

A hands-on weekend assessing these Reflexes

Tonic Labyrinthine Reflex

Landau

Symmetrical Tonic Neck Reflex

Spinal Galant

Asymmetrical Tonic Neck Reflex

Amphibian

and demonstrating many interventions for them

Developing the Autonomic Nervous System, Interoception & Social Engagement



*How do the **Moro** and **Fear Paralysis Reflexes** shape fight, flight and freeze responses?*

How can understanding the medulla help babies with feeding difficulties, and children with gut dysfunction and anxiety?

How does Polyvagal Theory relate to autonomic regulation and emotional development?

- Assessing sympathetic:parasympathetic balance
- The importance of interoception in emotional development and mental wellbeing
- The effects of childhood trauma and attachment styles on the developing nervous system.

CLINICAL APPLICATION

Learn manual interventions, exercises, games and gadgets to integrate these reflexes and facilitate a child's social engagement, interoception and gut function – including the gut-brain connection in children with learning and behavioural difficulties, and the 5R programme for gastrointestinal repair and brain health.

Many **vagal nerve stimulations** suitable for children, and how cranial manipulation helps – plus case studies with practical tips for enuresis, faddy eaters, and gaining better cooperation with challenging children and parents.

- Video library for every intervention, for you and your patients
- Case studies covering feeding, gut health and behaviour



Beyond Primitive Reflexes: Integrating Cortical Networks

Once the primitive reflexes are integrated children have a solid neurological foundation. They may need activation of some of their cortical networks to improve focus, attention, working memory, auditory or visual processing and self-regulation, to help them learn effectively.

This seminar summarises the main neural networks within the cortex and their relationship to the basal ganglia and Pre Frontal Cortex. It sounds heavy – but made simple it gives useful insight into which brain regions are dysfunctional from ASD and ADHD to Dyslexia, Dyspraxia OCD and Tourette's.

THE PRACTICAL SESSIONS BUILD ON THE PREVIOUS THREE SEMINARS

- Assessment of Frontal Lobes
- Basal Ganglia Rehab
- Vision Therapy and Auditory Processing
- Dual Task and Bilateral Integration Exercises
- Exercises for Cognitive Enhancement

These are also ideal exercises to help neuro-typical children enhance their cognitive performance and are easily adapted to support older adults with cognitive decline.

We will demonstrate and you can use the various **technologies that boost brain activity** and discuss how each of them can be used in practice and rehab. None of them are essential, you can practice without them or pick and choose what you would like to use.

TECHNOLOGIES COVERED

- Rhythm exercises & Interactive Metronome
- Blaze Pods and Motion Guidance Systems
- Wobble Board tablet Games
- Auditory Processing Therapies
- Low Level Laser
- Alternating and Direct Transcranial Stimulation
- Peripheral Nerve Stimulation
- TENS & Neuro-Muscular Electrical Stimulation
- Vibration Plates



FROM PRACTITIONERS WHO'VE ATTENDED

Feedback from previous Developing Brains Seminars

As an osteopath, I was a little worried the course might be geared toward chiropractors – Darren has targeted it well for all health professionals. There was a good amount of practical work throughout the weekend, and I came away with exercises and techniques I could put straight into practice.

Hannah Knibbs, Osteopath

I am an Occupational Therapist working with children with developmental conditions. Darren's seminars helped me understand more fully the neurological underpinnings of the clinical observations made in assessment – and plan better focused treatment sessions.

Annabelle Hippesley, OT

I've been on many Functional Neurology seminars over the years and even though they left me enthusiastic about the possibilities, none left me feeling confident to actually incorporate functional neurology into my practice – until this one.

Nell Chandler, DC

Huge amounts of accessible research and information on nervous system development, with clear pointers on how to work out what area needs help – and what help to give.

Tamsin Blinkhorn, DC

Wonderfully in-depth, with a good balance of theory and practical work, plus observer and interactive components. Darren uses a variety of approaches to suit different learning styles.

Georgina Edwards, DC

I can and will recommend this seminar to other chiropractors, but also to other health professions. Heavy theory is presented in a way that's genuinely easy to understand.

Alice Tennfjord, DC, Norway

Darren Barnes-Heath & Shelley Birkett-Eyles



Darren Barnes-Heath, DC BSc MRCC

**Director of Academic Affairs for
Paediatric & Pregnancy Faculty,
Royal College of Chiropractors**

Darren's interest in Developmental Neurology has grown over the 30 years he's been a chiropractor, becoming more of a passion when he became a Dad. His postgraduate learning spans the Carrick Institute, the Institute of Functional Medicine, and the International Association of Functional Neurology & Rehabilitation – broadened further by CPD from Vision Specialists, Educational Psychologists, OTs, Audiologists, and Speech & Language and Developmental Therapists.

“Making neurology as simple and relevant to your practice as possible – so you can use it.”

He started teaching Functional & Developmental Neurology 14 years ago and has since been invited to teach in 12 countries to chiropractors, osteopaths, physiotherapists, OTs, paediatricians, medical doctors, neurologists and psychologists. His days are mostly spent in clinic, seeing complex cases from global developmental delay and non-verbal autism to dyslexia, ADHD and colic. He lives and works in Lincoln, UK, with his wife and four children.



Shelley Birkett-Eyles

**Specialist OT and Founder of
Hemispheres Movement for
Learning**

Shelley specialised in Neurology and Neurosurgery with adults and children, after graduating in 1992. Over the last 34 years she has deepened her interest in how the brain influences function, development and in learning in children, leading her to explore and research the primitive and postural reflexes. She started Hemispheres as a leading Occupational Therapy practice working with these reflexes in children and continues to expand her knowledge alongside like-minded professionals while remaining a hands-on clinician.

When not in clinic, Shelley is often training and teaching other practitioners how to work with Primitive and Postural Reflexes.

Shelley developed the Hemispheres Think Write Handwriting Programme, used in schools across the UK, Middle East and Malaysia, and has written the Movement Balance and Learning Programme – a motor programme for schools using principles of reflex integration.

Booking Information

SINGLE WEEKEND

£575 Per seminar + webinar, including lunch and refreshments both days.

ONLINE ATTENDANCE

£475 Per seminar & webinars

REPEAT ATTENDANCE

£300 Per seminar & webinars

ALL FOUR WEEKENDS

£2,100 If paid upfront in full or 10 installments of £210 started by 31st October 2026

ALL FOUR WEEKENDS

£1,700 If paid upfront in full or 10 installments of £170 started by 31st October 2026

REPEAT ATTENDANCE

£1,200 If paid upfront in full or 10 installments of £120 started by 31st October 2026

SCHEDULE

Saturday 9am–6pm
Lunch 1-2
Sunday 8am–4pm
Lunch 12-1

CPD

20 Hours per weekend comprising:
5 hours webinars
15 during Seminar

Plus

6 months access to the recordings of the seminars and to webinars to review all the material

VENUE Radisson RED, Heathrow



www.radissonhotels.com/en-us/hotels/radisson-red-london-heathrow
Bath Rd Building B, Sipson, West Drayton, UB7 ODU
+44 208 283 2030

Accommodation and parking isn't included in the course fee. Guests staying on-site have access to the gym, pool and sauna. Two substantial lunches catering for almost all dietary requirements.

BOOKING OPENS in early September 2026 at www.chirohubseminars.com

Reserve places now by emailing either Darren@DevelopingBrains.co.uk or shelley@hemispheres.org.uk