

DISTANCE LEARNING

IN PAEDIATRIC NEUROLOGY

www.bpna.org.uk/DL

Unit 6: Membranes, channels, epilepsy & Paroxysmal disorders

£415

108 CPD points

Available to study online now!

An opportunity for you to gain a comprehensive theoretical background and update yourself as part of your Continuing Professional Development



BPNA

British Paediatric Neurology Association

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6

Epilepsy & Paroxysmal Disorders

Unit 6: Membranes, channels, epilepsy and paroxysmal disorders - the largest group of conditions studied will be epileptic seizure disorders/the epilepsies. The overall aim is to provide you with an understanding of the physiological basis of seizure disorders and their epidemiology, along with the detailed clinical knowledge necessary to manage children with seizure disorders to an advanced level. At the end of the whole Unit you should be adept at using the International Diagnostic Scheme, be able to describe the electroclinical features of the different types of epileptic seizures, be able to identify common and not so common epilepsy syndromes and have a good knowledge of the various diseases and condition in which epileptic seizures may occur. You will consider the role of EEG, neuroimaging and other investigations in the evaluation of children with seizure disorders. A number of sections deal with treatment issues, including antiepileptic drugs, epilepsy surgery and less conventional / well established treatment modalities, such as vagal nerve stimulation. The effect of epilepsy on the individual, including co-morbidities will also be considered. Epileptic seizure disorders are often confused with non-epileptic paroxysmal disorders: you will review the differential diagnosis of paroxysmal disorders including the Headache Disorders of Childhood.

Sections:

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| 1. The Neurobiology of the epilepsies | 6 hours |
| 2. Epidemiology and social aspects of the epilepsies | 6 hours |
| 3. The Electroencephalogram | 8 hours |
| 4. Neuroimaging and ancillary investigations | 6 hours |
| 5. The clinical evaluation and classification of children with seizure disorder | 8 hours |
| 6. Epileptic seizures | 8 hours |
| 7. Seizures and seizure disorders encountered in neonates and infants | 6 hours |
| 8. Epilepsies in childhood and adolescence, excluding epileptic encephalopathies and progressive disorders | 8 hours |
| 9. Epileptic encephalopathies of infancy, childhood and adolescence | 6 hours |
| 10. Epilepsy associated with specific diseases and the progressive myoclonus epilepsies | 6 hours |
| 11. Status epilepticus (convulsive and non-convulsive) | 6 hours |
| 12. Treatment of the epilepsies (i. Drug treatment; ii. Non-drug and non-cerebral surgical treatments; iii. Surgery) | 18 hours |
| 13. Non-epileptic paroxysmal disorders (i. Excluding Headache; ii. Headache disorders of childhood) | 16 hours |

On completion of each section, the BPNA will issue a certificate of completion awarding CPD points for the recommended study times shown above.

The course is delivered via a dedicated website. On receipt of your application we will register you and send your username and password to access your chosen unit. All the activities and required papers are available for you to download from the course website. You will also need access to the core textbook 'Epilepsy in Children', Eds Wallace, Farrell. Hodder, 2004. This should be available to borrow from your local paediatric neurology department or medical library, alternatively we can provide you with online access to the textbook. You will also need to see a child who has had a suspected epileptic seizure or seizures and refer to the case notes of a child with an epileptic encephalopathy.

When can I start? You can begin at any time and there is no time limit to finish the unit.

How do I register? Just complete the registration form on the back of this flyer and send it to Diane at the BPNA Secretariat.

Are there other units to study? There are eleven other units to study. Together they offer a comprehensive theoretical background in paediatric neurology. Please go to www.bpna.org.uk/DL to see details of the other units.

Can I see sample course materials? Yes. Please login to:

www.bpnadistancelearning.org.uk

Username: demoparticipant, Password: neurology

Click on 'Demo Unit'

For further information please go to www.bpna.org.uk/DL or do not hesitate to telephone Diane Rodie on +44 (0)1204 695958 or email diane@bpna.org.uk

What do students say are the best things about this unit?

"Epileptic Encephalopathies of Infancy, Childhood and Adolescence" (Georgia)

"The details of the physiology of epilepsy, migraine" (UK)

"The first few sections on epilepsy were the best" (UK)

"Videos were outstanding, very clear and to the point, one picture worth a thousand words" (Saudi Arabia)

"That the information was not 'spoon fed' but there was an element of 'discovery', which promoted active learning" (UK)

"Epileptic encephalopathies" (UK)

"It was perfect to study this at the same time as working at the epilepsy hospital. The theory and clinics at a high level was excellent. (Denmark)

Registration Form

Title: _____ First Name: _____ Surname: _____

Position: _____

Place of Work: _____

Address for correspondence: _____

Postcode: _____ Telephone: _____

Email: _____

Where did you hear about this course? _____

Payment:

I would like to register for Unit 6 £415.00

Do you require online access to 'Epilepsy in Children' Yes/No (£30.00) £ _____

TOTAL £ _____

Cheque enclosed payable to 'BPNA'

Credit/Debit Card (your card details will be destroyed after it has been debited)

Cardholder's name _____

Cardholder's address: _____ Post code _____

Signature: _____ Amount: _____

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Credit card number: \_\_\_\_\_

Expiry date: \_\_\_\_\_ Start date/issue no: \_\_\_\_\_

Security number (last 3 digits on reverse of card): \_\_\_\_\_

**Please send to:** BPNA Secretariat, 3-5 Lee Lane, Horwich, Bolton, BL6 7BP, ENGLAND  
Or by fax to: +44 (0)1204 468539