THE CANADIAN JOURNAL OF

eurological Sciences

LE JOURNAL CANADIEN DES

Sciences Neurologiques

AN INTERNATIONAL JOURNAL / UN JOURNAL INTERNATIONAL

REVIEW ARTICLE

Ras Activation in Astrocytomas and Neurofibromas Abhijit Guha

ORIGINAL ARTICLES

- 282 Mild Non-lesional Temporal Lobe Epilepsy Umberto Aguglia, Antonio Gambardella, Emilio Le Piane, Demetrio Messina, Rosario L Oliveri, Concetta Russo, Mario Zappia and Aldo Quattrone
- Seizure Exacerbation and Developmental Regression with Carbamazepine AN Prasad, M Stefanelli and L Nagarajan
- Safety and Tolerability of Subcutaneous Cladribine Therapy in Progressive Multiple Sclerosis R Selby, J Brandwein and P O'Connor
- Pallidal Stimulation in Parkinson's Disease Patients with a Prior Unilateral Pallidotomy Néstor Gálvez-Jiménez, Andres Lozano, Ronald Tasker, Janice Duff, William Hutchison and Anthony E Lang
- Drawing with the Non-dominant Hand: Implications for the Study of Construction Sherma Zacharias and Andrew Kirk
- Stereotactic Radiosurgery for Acoustic Neuroma: A Canadian Perspective Ian R Ross and Charles H. Tator
- Cervical Artery Dissection is Associated with Widened Aortic Root Diameter Vladimir Skljarevski, Michel Turek and Antoine M Hakim
- Subcortical Vascular Dementia: Survey of Treatment Patterns and Research Considerations Frank J Molnar, Malcolm Man-Son-Hing, Phil St. John, Chris Brymer, Kenneth Rockwood and Vladimir Hachinski
- Segmental Hyperhidrosis as a Manifestation of Spinal and Paraspinal Disease Valerie Schulz, Donna Ward and Dwight E Moulin

HISTORICAL NEUROLOGY

Reflections on the History of the Canadian Association for Child Neurology Henry G Dunn and John AR Tibbles

ABSTRACTS

Abstracts of the 38th Annual Meeting of the Canadian Association of Neuropathologists

INDEX TO VOLUME 25

SUPPLEMENT 4

S1 Current Issues in the Drug Treatment of Epilepsy

34th CANADIAN **CONGRESS OF** NEUROLOGICAL **SCIENCES**

June 15 - 19, 1999 Edmonton, Alberta

> The official Journal of: The Canadian Neurological Society, The Canadian Neurosurgical Society, The Canadian Society of Clinical Neurophysiologists, The Canadian Association for Child Neurology

I.V. FORMULATION NOW AVAILABLE AS

With Epival, it can be.

Epival has been proven effective in primary generalized epilepsy, 1-3 as well as in partial seizures that secondarily generalize. 4,51 Just as importantly, Epival has been associated with little effect on learning and cognition, and is generally well tolerated in properly screened patients.74

> Because as your epilepsy patients can confirm, there's more to anticonvulsant therapy than seizure control.

THIS SHOULD BE THE ONLY INDICATION THEY HAVE EPILEPSY.





HELPS PUT PATIENTS BACK IN CONTROL.



† For use as sole or adjunctive therapy in the treatment of simple or complex absence seizures, including petit mal and is useful in primary generalized seizures with tonic-clonic manifestations. Epival may also be used adjunctively in patients with multiple seizure types which include either absence or tonic-clonic seizures.

‡ Frequent monitoring of hepatic function and blood coagulation is advised. Caution is advised in children < 10 years on multiple AEDs.

© Abbott Laboratories, Limited, Saint-Laurent, Québec H4S 1Z1

*TM Product Monograph available on request.





Supplement

Current Issues in the Drug Treatment of Epilepsy

This supplement is based on two symposia sponsored by Glaxo Wellcome. The first was on Monotherapy and Polytherapy in Epilepsy held at the 32nd Canadian Congress of Neurological Sciences in Saskatoon, Saskatchewan in June, 1997. The second was a continuing medical education program for neurologists on epilepsy held at Glaxo Wellcome offices in Mississauga, Ontario in September, 1997.

Monotherapy or Polytherapy for Epilepsy Alan Guberman	S3
Monotherapy versus Polytherapy in Epilepsy: a Framework for Patient Management JH Schneiderman	S9
Rash in Adult and Pediatric Patients Treated with Lamotrigine John A Messenheimer	S14
Women's Issues in the Treatment of Epilepsy J Bruni	S19
Consequences of Epilepsy: Why do We Treat Seizures? Michael W Jones	S24
The Canadian Epilepsy Database and Registry RS McLachlan	S27

ACKNOWLEDGEMENTS

The authors thank Glaxo Wellcome for their generous sponsorship of these educational programs and of the Supplement.