

<シンポジウム 8> 臨床に役立つてんかん診療の最前線 (日本てんかん学会との共同開催)

Aim

Chairs Yamabiko Medical Welfare Center, International League Against Epilepsy **Tatsuya Tanaka**
Department of Neurology, University of Occupational and Environmental **Sadatoshi Tsuji**
Health School of Medicine (UOEH)

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We are delighted to welcome you to this symposium entitled "Frontlines of the epilepsy treatment for practicing neurologists". This educational program was made possible by the cooperation of The Japanese Society of Neurology and The Japan Epilepsy Society. This symposium will provide the opportunity to hear the view of international experts and to learn the recent advances of epilepsy treatment. The mainstay of epilepsy treatment is antiepileptic drugs (AEDs). In the last two decades there has been a surge of newer AEDs that have been licensed around the world for use in the management of epilepsy. Around 20 newer AEDs are now available in the North America and European countries. In Japan four newer AEDs arrives in the market in recent 5 years.

Around the one-third of patients with epilepsy do not experience adequate seizure control despite the treatment with AEDs.

In the first presentation Professor Bertram will review the drug resistance. He will examine causes for drug resistance in epilepsy and discuss how we might overcome these prob-

lems so that we can treat all seizures successfully and without side effects.

The gold standard of AEDs use has been monotherapy. Professor Kaneko will explain how to use AEDs in the era of newer AEDs. Rational polytherapy is to achieve anticonvulsant synergism or additivity without concurrent synergism/additivity of adverse effects.

Marked progress has occurred in the research of genetics in epilepsy. Professor Hirose will discuss the clinical usefulness of the genetic diagnosis of epilepsy as well as the advances of the recent knowledge of this field.

In the aging society, the numbers of elderly persons with epilepsy are increasing. The epilepsy in the senior citizens is an important issue not only clinically but also socially and economically. Professor Akamatsu will summarize the clinical aspect of epilepsy in the elderly.

This symposium covers the important issues of today's clinical epileptology. We look forward to your involvement and hope that you will find an informative symposium.