

## Accepted Manuscript

High frequency activity overriding cortico-cortical evoked potentials reflects altered excitability in the human epileptic focus

Katsuya Kobayashi, Riki Matsumoto, Masao Matsuhashi, Kiyohide Usami, Akihiro Shimotake, Takeharu Kunieda, Takayuki Kikuchi, Kazumichi Yoshida, Nobuhiro Mikuni, Susumu Miyamoto, Hidenao Fukuyama, Ryosuke Takahashi, Akio Ikeda

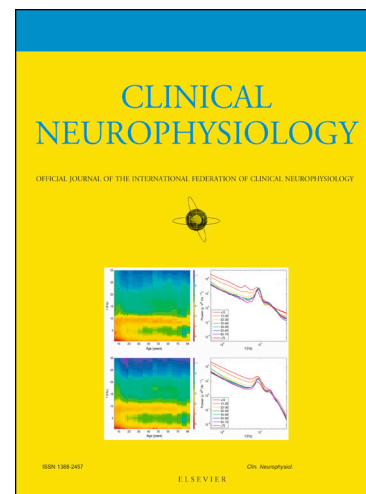
PII: S1388-2457(17)30476-5  
DOI: <http://dx.doi.org/10.1016/j.clinph.2017.06.249>  
Reference: CLINPH 2008189

To appear in: *Clinical Neurophysiology*

Received Date: 24 December 2016  
Revised Date: 10 May 2017  
Accepted Date: 22 June 2017

Please cite this article as: Kobayashi, K., Matsumoto, R., Matsuhashi, M., Usami, K., Shimotake, A., Kunieda, T., Kikuchi, T., Yoshida, K., Mikuni, N., Miyamoto, S., Fukuyama, H., Takahashi, R., Ikeda, A., High frequency activity overriding cortico-cortical evoked potentials reflects altered excitability in the human epileptic focus, *Clinical Neurophysiology* (2017), doi: <http://dx.doi.org/10.1016/j.clinph.2017.06.249>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



High frequency activity overriding cortico-cortical evoked potentials reflects altered excitability in the human epileptic focus

Katsuya Kobayashi MD PhD<sup>1</sup>, Riki Matsumoto MD PhD\*<sup>1</sup>, Masao Matsubishi MD PhD<sup>2</sup>, Kiyohide Usami MD PhD<sup>1</sup>, Akihiro Shimotake MD PhD<sup>3</sup>, Takeharu Kunieda MD PhD<sup>4,5</sup>, Takayuki Kikuchi MD PhD<sup>5</sup>, Kazumichi Yoshida MD PhD<sup>5</sup>, Nobuhiro Mikuni MD PhD<sup>6</sup>, Susumu Miyamoto MD PhD<sup>5</sup>, Hidenao Fukuyama MD PhD<sup>2</sup>, Ryosuke Takahashi MD PhD<sup>1</sup>, Akio Ikeda MD PhD\*<sup>3</sup>

1: Department of Neurology, Kyoto University Graduate School of Medicine

postal address: 54, Shogoin, Sakyo-ku, Kyoto, 606-8507, JAPAN

2: Human Brain Research Center, Kyoto University Graduate School of Medicine

postal address: 54, Shogoin, Sakyo-ku, Kyoto, 606-8507, JAPAN

3: Department of Epilepsy, Movement Disorders and Physiology, Kyoto University Graduate School of Medicine

postal address: 54, Shogoin, Sakyo-ku, Kyoto, 606-8507, JAPAN

4: Department of Neurosurgery, Ehime University Graduate School of Medicine

postal address: Shizukawa Toon city, Ehime, 791-0295, JAPAN

5: Department of Neurosurgery, Kyoto University Graduate School of Medicine

postal address: 54, Shogoin, Sakyo-ku, Kyoto, 606-8507, JAPAN

6: Department of Neurosurgery, Sapporo Medical University School of Medicine

postal address: South 1, West 16, Chuo-ku, Sapporo, 060-8543, JAPAN

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات