with the lapse of time, while the recovery could hardly be seen in cases in which Etopalin was injected.

Histological examination revealed that the necrosis of the nerve cells surrounding the lesion was well localized in cases of electrocautery and oil-wax injection, while it was widely developed in cases of Etopalin injection.

29. On Psychological test of Orbito-ventromedial undercutting in mental disorders (Report 2)
Yutaka Maki, Tamio Ishikawa, Yasuto Kimura, Eiji Nozawa, Junzo Koizumi, Kei Takahashi, Takashi Inoue, and Katsuaki Takashi
Department of Neuropsychiatry, School of Medicine, Chiba University

In our previous report, orbito-ventromedial undercuttings were performed upon various psychosis and change of personality on patients was studied in their pre-operative and post-operative states.

In our present report, 8 cases of schizophrenic patients (only paranoid type), who did not respond to various other conservative measures, were subjected to this operative method and the following results were obtained.

1) Aggressive and impulsive tendency on the basis of delusion has decreased noticeably except in one case (Case II). Actual clinical behavior, such as cooperation to other patients has markedly improved.

2) None of the operated cases showed any decrease in the intelligence test.

3) No change was seen in their actual amount of work evaluated by Kraepelin test. However, 2 of them showed some change in its curve pattern, resembling considerable improvement.

4) On Rorcharc test, increase in F, and decrease in FM as well as increases in form-level, were recognized with one exception (Case II). However, initial reaction time was delayed in these cases.

5) Excepting one case, the results of psychological tests were similar to the results obtained in the clinical evaluation, (Case II), and decrease in aggressive and impulsive tendency was noticeable.

30. The Application of LSD-25 in Phantomphenomenon and Thalamic Syndromes
S. Kuromura, S. Okada, M. Hanada and I. Masuda
Department of Neuropsychiatry, Kobe Medical College

We have reported cases of phantomlimbs which are applicable in the applica-