

THE KEIO JOURNAL of MEDICINE

Vol. 8, No. 4

December, 1959

Special Issue on
The Studies Concerning the Actions of
Ipsilon-Amino-N-Capolic-Acid and Blood
Plasmin



PUBLISHED BY
SCHOOL OF MEDICINE, KEIO UNIVERSITY
Shinanomachi, Shinjuku-Ku
Tokyo, Japan

The Keio Journal of Medicine

Yoshio Kusama, Editor in Chief

BOARD OF EDITORS

Katsuma Abe	Wasaburo Maeda	Kiyoshi Sekita
Toyozo Aizawa	Hisakichi Matsubayashi	Nobukatsu Shimada
Ichiro Akakura	Ittaku Mikata	Hajime Tamura
Minoru Hara	Tadao Mitsui	Toratoshi Taniguchi
Susumu Harashima	Taiei Miura	Tsuneo Tomita
Hideyuki Haruna	Kyuhei Nakadate	Takeo Ueda
Takashi Hayashi	Kiyoshi Nakajima	Misao Uemura
Jiro Ishida	Bunya Nakamura	Daizo Ushiba
Torai Iwahara	Kei Nishida	Masaichi Yanagida
Genichi Kato	Toshikazu Nishihata	Katashi Yokoyama
Tadayoshi Kobayashi	Kenta Ohmori	

The Journal is published quarterly by the School of Medicine, Keio University, and is devoted to the advancement and dissemination of the fundamental knowledge of the medical sciences in an accessible form to the colleagues who have a common interest in the fields outside of the country. The contents consist of the contributions made solely by the members of the School and allied Institutes.

This periodical is issued quarterly, new volume beginning with the January number of each year. Subscription price per annum in advance, including postage, is \$4.00. Remittance should be made by draft or the P.O. money order drawn to the order of Yoshio Kusama, M.D., Editor and remitted through the School of Medicine, Keio University.

All correspondence relating to the Journal should be addressed to the Editor.

CONTENTS

(I) *Fundamental Studies on Plasmin System and ϵ -Amino-Caproic Acid*

- Plasmin and Antiplasmin. Their Pathologic Physiology.
.....SHOSUKE OKAMOTO..211
- Reaction Mechanism between ϵ -Amino-Caproic Acid and Plasmin,
Tissue Activator and Trypsin.
.....TAKESHI ABE and AKIRA SATO..219
- Viscosimetric Study of the Action of ϵ -Amino-Caproic Acid on
Human Plasmin.TEIJI IGAWA, HIDEFUMI WATANABE,
MICHINOSUKE AMANO and SHOSUKE OKAMOTO..225
- Some Observations on A Remarkable Fibrinolytic Activity in the
Extract of Nasal Tissues and the Related Tissues.
...YOSHIHISA SASAKI, SHOSUKE OKAMOTO, KENJIRO OHWADA
and TOSHIKAZU NISHIHATA..235

(II) *Clinical and Experimental Studies of Plasmin and ϵ -Amino-Caproic Acid on Hemorrhagica*

- A Suppressing Effect of ϵ -Amino-N-Caproic Acid on the Bleeding
of Dogs, Produced with the Activation of Plasmin in the
Circulatory Blood.SHOSUKE OKAMOTO,
TETSUO NAKAJIMA, UTAKO OKAMOTO, HIDEFUMI WATANABE,
YUTAKA IGUCHI, TEIJI IGAWA, CHING-CHUN CHIEN and
TAKASHI HAYASHI..247
- Clinical Use of ϵ -Amino-N-Caproic Acid on Metropathia
Hemorrhagica.SHOICHI SATO, YASUSHI ISHIBASHI,
TOORU ENDO, TAKEO WATANABE and KIYOSHI NAKAJIMA..267
- Variations of Plasmin in the Hemorrhagic Blood Diseases.
...ITTAKU MIKATA, MITSUTO HASEGAWA, TADAHIRA IGARASHI,
NORIYUKI SHIRAKURA, MASAHIRO HOSHIDA
and KEISUKE TOYAMA..279
- The Study on Plasmin in Cases with Cerebral Vascular Lesion.
...YUICHIRO GOTO, KEIICHI MURAKAMI and TOYOZO AIZAWA..293

CONTENTS

(III) *Clinical and Experimental Studies on Plasmin and
ε-Amino-N-Caproic Acid on Allergic and
Exsudative Status*

The Inhibitory Effect of Ipsilon-Amino-Caproic Acid on the
Tuberculin Reaction.GIZO ITOGA and TAKEO YOGO..299

Clinical Use of ε-Amino-N-Caproic Acid on Eczema or Other
Kinds of Skin Diseases Suspected to be Allergic.
.KATASHI YOKOYAMA and HITOSHI HATANO..303

Clinical Use of Ipsilon for the Prevention of the Allergic Reactions
from Blood Transfusion.ITTAKU MIKATA,
MITSUTO HASEGAWA, TADAHIRA IGARASHI, NORIYUKI
SHIRAKURA, MASAHIRO HOSHIDA and KEISUKE TOYAMA..319

(IV) *Studies on the Variation of Plasmin System with
Irradiation of X-Ray, Pregnancy and Renal Disorders*

Studies on the Urinary Fibrinolytic Activity in Normal and
Pathologic States.CHING-CHUN CHIEN, UTAKO OKAMOTO
and SHOSUKE OKAMOTO..323

Studies on the Urinary Fibrinolytic Acceleration with Small Dose
Irradiation of Ionizing Radiation.HISAO YAMASHITA,
KOJI KOBAYASHI, SHINJI SUZUKI and SHOZO HASHIMOTO..331

Whole Clot Lysis Test and Euglobulin Lysis Test in Renal
Diseases; Their Relations to the Clinical Signs.
.TOYOKICHI ASAHI, CHOJI TAKAMURA
and SHOSUKE OKAMOTO..337

Contents of Volume 8.