SNM Cardiovascular Council
2009 Hermann Blumgart Award
Presentation and Lecture
The Hermann L. Blumgart, M.D. Award

The Herrmann Blumgart Award was created in 1978 by the SNM New England Chapter to recognize outstanding achievement.

Beginning in 1989, the Cardiovascular Council took on the responsibility of presenting the award for “outstanding achievement in the field of nuclear cardiology and service to the council.”
SNM Cardiovascular Council’s
2009 Hermann Blumgart Award

Nagara Tamaki, MD, PhD
Professor and Chairman,
Department of Nuclear Medicine
Hokkaido University Graduate School of Medicine
Achievement and Contribution

• Extensive body of work in cardiovascular imaging with a focus and cardiac metabolism and blood flow
• SNM CVC BOD
• Japanese Society of Nuclear Cardiology (President), Japanese Society of Nuclear Medicine (Board of Director), Japanese College of Cardiology (Board of Director), Japan Radiological Society (Counsel Member)
Hermann L. Blumgart, M.D.

- In 1927 published the description of the first “diagnostic” procedure using radioactive indicators in humans
- Measured blood circulation time in a series of patients with various medical conditions
STUDIES ON THE VELOCITY OF BLOOD FLOW

I. THE METHOD UTILIZED

BY HERRMANN L. BLUMGART AND OTTO C. YENS

(From the Thorndike Memorial Laboratory, Boston City Hospital and the Department of Medicine, Harvard Medical School)

(Received for publication October 4, 1926)
Hermann L. Blumgart, M.D.

- However, we must also acknowledge that the experiments that led to this paper also achieved other ‘firsts’
- The first instrumentation used in such a procedure in humans
- As a prerequisite, Blumgart defined criteria for:
  - A satisfactory indicator (tracer)
  - A satisfactory detector
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STUDIES ON THE VELOCITY OF BLOOD FLOW

II. THE VELOCITY OF BLOOD FLOW IN NORMAL RESTING INDIVIDUALS, AND A CRITIQUE OF THE METHOD USED

BY HERRMANN L. BLUMGART AND SOMA WEISS

(From the Thorndike Memorial Laboratory, Boston City Hospital and Department of Medicine, Harvard Medical School)

(Received for publication October 4, 1926)
Congratulations
Dr Nagara Tamaki
MD, PhD