

The influence of the Association has been more than local. In 1939, it helped promote plans for the establishment of the American Diabetes Association.

LOOKING AHEAD

This brief summary of the past twenty years indicates that the Association is playing an important part in the control of diabetes. But the Association needs more financial resources in order to carry out its functions adequately. Its educational work must be intensified, a systematic program of patient education must be developed, the facilities at Camp NYDA must be expanded, and there is need for statistical analysis of the effects of the various newer forms of therapy.

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"IN THE INTEREST OF DOCTOR AND PATIENT"

"Your Council voted to establish the Banting Medal to be given to the retiring President and Banting Memorial Lecturer. This procedure is to be made retroactive."

This statement appears on page thirty-six of the *Proceedings* of the American Diabetes Association for 1944, in the "Report of the Secretary" by Cecil Striker, M.D.

The motion to establish the Banting Medal was passed at the Council Meeting held Feb. 19, 1944. It had been introduced upon the instigation of Joseph H. Barach, M.D., one of the founders of the Association and its President for the years 1944-46. In addition to being given to the Presidents and the Banting Memorial Lecturers, the medals may, in Dr. Barach's words, "also be presented as the occasions arise to other distinguished members of the profession who have made notable contributions to the knowledge of diabetes."

Soon after the striking of the medal was authorized, Dr. Barach prepared design sketches for it which were based on a composite of photographs of Banting, made at various times by his late cousin and life-long companion, Dr. Frederick W. Hipwell. From these sketches, the actual medal was executed by the talented sculptor, A. Paoli, of New York, and Summit, New Jersey. Paoli's personal interest in this commission, which was made possible by Dr. Barach's own generosity, produced a medal that is much more than a faithful reproduction.

When the original of the medal was shown to the members of the Council, practically all of whom had

known Banting personally for years, it met with instant admiration and approval. The original, a large bronze casting made direct from the sculptor's mold, was presented by the American Diabetes Association to the University of Toronto on the occasion of the celebration of the twenty-fifth anniversary of the discovery of insulin by Banting and Best, which took place at Toronto in 1946. At the same time smaller reproductions of the medal were presented to the honored guests of the Association at that anniversary celebration, Drs. Bernardo A. Houssay, of Argentina; H. C. Hagedorn, of Denmark; R. D. Lawrence, of England; and Eugene Opie, of the United States.



THE BANTING MEDAL

Each year thereafter the Banting Medal has been presented at the Annual Meetings of the Association to its retiring Presidents, and to its Banting Memorial Lecturers. It is also awarded on occasion to others "For Service in the Field of Diabetes." By now it has become the honored symbol of the American Diabetes Association, and an award much treasured by its recipients.

Since the institution of Banting Medals they have been presented to these distinguished physicians and scientists:

Banting Memorial Lecturers

- 1941 Elliott P. Joslin, M.D.
- 1942 William Muhlberg, M.D.
- 1943 Frederick W. Hipwell, M.D.
- 1944 Leonard G. Rowntree, M.D.
- 1947 G. H. A. Clowes, M.D.

EDITORIALS

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|------|--------------------------|------|---------------------------|
| 1948 | Rollin T. Woodyatt, M.D. | 1948 | Edward S. Dillon, M.D. |
| 1949 | Herbert M. Evans, M.D. | 1949 | Charles H. Best, M.D. |
| 1950 | F. G. Young, D.Sc. | 1950 | Howard F. Root, M.D. |
| 1951 | C. N. H. Long, M.D. | 1951 | Lester J. Palmer, M.D. |
| 1952 | Charles H. Best, M.D.* | 1952 | Arthur R. Colwell, M.D. |
| 1953 | Shields Warren, M.D. | 1953 | Frank N. Allan, M.D. |
| 1954 | Sir Henry Dale | 1954 | Randall G. Sprague, M.D. |
| 1955 | Carl F. Cori, M.D. | 1955 | Henry B. Mulholland, M.D. |

Presidents of the American Diabetes Association

- 1941 Cecil Striker, M.D.
 1942 Herman O. Mosenthal, M.D.
 1944 Joseph T. Beardwood, Jr., M.D.
 1946 Joseph H. Barach, M.D.
 1947 Russell M. Wilder, M.D.

Medalists selected "For Service in the Field of Diabetes"

- 1946 Bernardo A. Houssay, M.D.
 1946 H. C. Hagedorn, M.D.
 1946 R. D. Lawrence, M.D.
 1946 Eugene Opie, M.D.
 1949 Frederick M. Allen, M.D.
 1952 Prof. R. R. Bensley
 1953 Walter R. Campbell, M.D.
 1953 A. Almon Fletcher, M.D.
 1955 Eugene F. DuBois, M.D.

*A special plaque was presented to Dr. Best as he previously had been awarded the Banting Medal as a retiring President.

A Definition of Diabetes Mellitus

Diabetes mellitus is a metabolic disorder of endocrine origin. It primarily involves carbohydrate metabolism but also affects the metabolism of protein, fat and minerals. It results from a deficiency, either absolute or relative in the supply of insulin from the islands of the pancreas. This deficiency, however, may be modified by the activity of other endocrine organs (including the pituitary, the adrenals, the thyroid and the liver). The disorder is manifested by hyperglycemia and glycosuria and tends to lead to malnutrition, ketoacidosis and complications affecting the arteries, peripheral nerves, eyes and kidneys.

By Frank N. Allan, M.D., in *Internal Medicine, Its Theory and Practice*, originally edited by John H. Musser, M.D., 5th edition by Michael G. Wohl, M.D., Philadelphia, Lea and Febiger, 1951, p. 514.
