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Editors:
HUGH O. BARBER and JOHN M. FREDRICKSON, Toronto

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Preface

Recollections of R. Bárány

Address of Guest of Honour

BÉKÉSY, G. Von (Honolulu, Hawaii): Sense Organs and their Sensitivity

Anatomical Considerations

LOWENSTEIN, O. (Birmingham): The Labyrinth in the Making

LIM, D. J. (Columbus, O.): Ultrastructure of the Otolithic Membrane and the Cupula

HARADA, Y. (Hiroshima): The Scanning Electron Microscopic Observation of the Vestibular Organ and Electrical Activity of Isolated Individual Semicircular Ampullae

GACEK, R. R. (Boston, Mass.): Anatomical Studies of the Vestibulo-Ocular Pathways in the Cat

Experiments on the Peripheral Receptors


STÄHLE, J.; ENGSTRÖM, B., and HOGBERG, L. (Uppsala): Inner Ear Microsurgery, Using Lasers

DOHLMAN, G. F. (Toronto): Considerations Regarding the Mechanism of Endo-lymph Circulation
Vestibular Neurophysiology

TEN KATE, J. H. (Delft): Angular Acceleration Detection by the Growing Pike...... 110
MALCOLM, R. (Downsview, Ontario): Adaptation of the Vestibulo-Ocular System to
Rotation ............................................................. 120
MELVILL JONES, G. (Montreal, Quebec): Is there a Vestibulo-Spinal Reflex Contribution
to Running?................................................... 128
CORREIA, M. J. and LANDOLT, J. P. (Downsview, Ontario): Spontaneous and Driven
Responses from Primary Neurons of the Anterior Semicircular Canal of the
Pigeon............................................................... 134
Movements ....................................................... 149
KOHUT, R. I. (Irvine, Calif.): Vertical Linear Acceleration ............................ 156

Neuro chemistry

MATSUOKA, I.; DOMINO, E. F., and MORIMOTO, M. (Kyoto): Adrenergic and
Cholinergic Mechanisms of Single Vestibular Neurons in the Cat.............. 163
THALMANN, R.; STROUD, M. H., and ANSHUTZ, L. E. (St. Louis, Mo.): Energy
Metabolism of Vestibular Sensory Structures ..................................... 179

The Central Vestibular System

MCCABE, B. F.; RYU, J. H., and SEKITANI, T. (Iowa City, la.): Further Experiments
on Vestibular Compensation ........................................... 195
and Connections of the Rhesus Vestibular Cortex ................................ 206
DEECKE, L.; SCHWARZ, D. W. F., and FREDRICKSON, J. M. (Toronto): The Vestibular
Thalamus in the Rhesus Monkey ............................................ 210
IGARASHI, M.; MIYATA, H.; ALFORD, B. R., and WRIGHT, W. K. (Houston, Tex.):
Experimental Cerebellar Uvulonodular Lesions in the Squirrel Monkey .... 220
ASCHOFF, J. C. and COHEN, B. (Ulm): Oculomotor Deficiency after Cerebellar
Cortical Lesions ...................................................... 232
KORNHUBER, H. H. (Ulm): Cerebellar Control of Eye Movements ............ 241

Nystagmus Instrumentation

HONRUBIA, V.; STRELIOFF, D., and WARD, P. H. (Los Angeles, Calif.): Computer
Analysis of Nystagmus Induced by Constant Angular Accelerations in Normal
and Labyrinthectomized Cats ........................................... 254
MCCLURE, J. A.; FINGRUT, P., and LYCETT, P. (Toronto): An Analog Technique
for Nystagmus Display

Contents VII

Vestibular Studies in Normal Humans

BARBER, H. O. and WRIGHT, GRACE (Toronto): Positional Nystagmus in Normals

OOSTERVELD, W. J.; GRAYBIEL, A., and CRAMER, D. B. (Amsterdam): Susceptibility to Reflex Vestibular Disturbances and Motion Sickness as a Function of Mental States of Alertness and Sleep

COLLINS, W. E.; SCHROEDER, D. J., and HILL, R. J. (Oklahoma City, Okla.): Some Effects of Alcohol on Vestibular Responses

Clinical Studies

BERGSTEDT, M. (Karlskrona): Stepwise Change of Amplitude and Frequency of Vestibular Nystagmus

WEISS, A. D. and Tole, J. R. (Cambridge, Mass.): Effect of Galvanic Vestibular Stimulation on Rotation Testing

COATS, A. C. (Houston, Tex.): Galvanic Body Sway in Normals and Patients with VIIIth Nerve Lesions

VALVASSORI, G. E. (Chicago, Ill.): The Radiological Diagnosis of the Small Acoustic Neuroma

JANEKE, J. B.; MADDOX, H. E.; BATTIN, R., and SOMMerville, S. (Houston, Tex.): A Retrospective Analysis of Vestibular Symptoms and Signs in the Acoustic Neurinoma Workup

CODY, D. T. R. (Rochester, Minn.): Menière's Disease: Conservative Surgical Therapy

BERTRAND, R. A.; MARTINEZ, S. N., and ROBERT, FRANÇOISE (Montreal): Vestibular Manifestations of Cerebellar Ectopia (Sub-Group of Chiari I)

STROUD, M. H.; NEWMAN, NANCY M.; KELTNER, J. L., and GAY, A. J. (St. Louis, Mo.): Abducting Nystagmus in the Medial Longitudinal Fasciculus (MLF) Syndrome (Internuclear Ophthalmoplegia [INO])

Preface

The University of Toronto was host in August 1971 to the first session of the Barany Society held outside Europe. The meeting was lively, discussion of each presentation spirited and the Canadian summer weather characteristically pleasant.

Many contributions to the program represented important original work. It was felt that the papers were of such exceptional interest to the
vestibular world that they should be published together. The editors were successful in persuading nearly every speaker to allow his paper to be published by S. Karger in this volume. We hope that this publication of the proceedings of the Toronto meeting of the Barany Society, 1971, will serve as a valued companion to those engaged in vestibular studies.

HUGH BARBER
JOHN FREDRICKSON

Recollections of R. Bárány1

G. F. DOHLMAN

The image of personalities, of new creative ideas and of their impact on contemporary life rapidly fade away, and the historic heritage left to us is not always recognized in the bustling strain of scientific life. Exempli gratia: to some otologists BÁRÁNY's name may nowadays merely be a trade name for a rotating chair or the Bárány noise box. Therefore, being the only survivor of those who worked with Bárány at the clinic in Uppsala between 1920 and 1930, it might be appropriate on this occasion to recall a few glimpses of the man behind the name of this society and his story.

BÁRÁNY started his career at the ear clinic in Vienna around the turn of the century. At that time Vienna was the medical center for the whole Austrian empire and its reputation attracted patients and otologists from Europe and the Orient, as well as the whole American continent. In 1906, BÁRÁNY had published a comprehensive study of the reactions of patients and normal people to rotational and caloric stimulations of the semicircular canals. The results and ideas which BÁRÁNY presented in this and other papers stimulated a vivid research in the vestibular field over the next few years. When World War I came BÁRÁNY was stationed in the fortress of Przemyśl where he, together with a surgeon, Dr. ERNST JEGER, made valuable contributions to the now totally accepted closed treatment of head wounds on the battlefield. But Przemyśl soon fell to the Russians and the two surgeons were transported to a prisoner-of-war camp in Russian Central Asia close to the Afghan border. Dr. JEGER, however, was transferred to an unknown destination in Siberia and was never heard from again. BÁRÁNY

1 OCIEM Research Paper No. 888.
remained in the small town called Merv where life dragged along at a slow pace.

At that time, disabled invalids were being returned to their homeland. BÁRÁNY had a stiff leg and this had prompted the selecting committee to suggest his repatriation as a war invalid. However, with his scientific sense of objectivity, BÁRÁNY told the committee that his stiff leg was due to a tuberculous gonitis in early childhood. However, the final decision was that he was a war invalid and, thus, should be repatriated.

When the invalid convoy arrived in the Russian capital of St. Petersburg, BÁRÁNY was greeted by a message from the Swedish ambassador announcing that he had been awarded the Nobel Prize for his work on the function of the vestibular apparatus and should leave the convoy for Stockholm.

Prof. ROBERT BÁRÁNY in Merano, 1920.

Recollections of R. BÁRÁNY XIII

to accept the award. It was through the foresightedness and organizing capacity of Prof. GUNNAR HOLMGREN in Stockholm that BÁRÁNY was awarded this prize. Furthermore, he now was given refuge in Sweden and made Extraordinary Professor in Uppsala.

The difficulties were great in establishing the first ENT clinic in this small university town during the time of World War I. The result was that the clinic was set up in an old wooden building, formerly a public bath-house. The out-patient office was the former ticket office for the bath-house with the 'pigeon-hole' still in the wall. Such were the surroundings in which the Nobel Prize winner was going to work. He started with enthusiasm and an abundance of ideas. His interests were directed toward the central connections of the vestibular system. He discovered and described positional nystagmus. He also studied optokinetic nystagmus and the mechanism of nystagmus movements. Furthermore, BÁRÁNY investigated deviations of limbs and trunk due to vestibular stimulation and, as far as I remember, he experimented with fenestration operations for otosclerosis before they were tried later by HOLMGREN, SOURDILLE and others. Some of these observations might have been noticed in physiologic studies earlier published by others. They had, however, aroused little attention when they were new and had usually passed unnoticed in scientific discussion. These personal observations made by BÁRÁNY were, therefore, new to him and original in their interpretation. They became valuable when his physiological observations were interpreted in physical terms and adapted for the use in clinical diagnostic work. He moulded the tools which have been developed to instruments...
for daily use in every otologic clinic and have been perfected for scientific use in sophisticated modern investigations.

When I visited BÁRÁNY's home town of Vienna in the 1920s, where the competition at the clinics was intense and friends and foes were many, one disenchanted colleague asked me if BÁRÁNY's caloric test really was worth a Nobel Prize - 'it was actually not much more than a syringe of cold water in the ear canal'. When we now consider that every patient with any complaint of defective balance, head injuries or severe ear diseases cannot be considered properly investigated unless several of BÁRÁNY's methods and ways of thinking have been taken into account and, further, considering the whole wealth of scientific vestibular research which has flourished from BÁRÁNY's classical work up to the present time, I believe that this gives us the answer to the question.

BÁRÁNY was personally a timid and friendly man, and I remember gratefully many expressions of his friendship. He was prolific in creating new and challenging ideas. As one colleague expressed it: 'His contributions are like a lottery with a few big prizes but also many blanks.' However, he was a sufficiently great personality to fight for what he believed to be right and to admit to having been wrong when he recognized his error. I am sure that the society which bears his name will always honor this same spirit. Finally, I would like to summarize the lesson I believe I am entitled to draw from the life and work of ROBERT BÁRÁNY, as it was during the ten years in which I had the privilege to work with him. In a few simple words, this experience could be expressed as a warning which is more appropriate nowadays than ever before, that the value of scientific research never can be measured by its quantity. The contribution we might be able to make to evolution and human progress can only be the result of well founded ideas pursued with audacity, sincerity and dedication.

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