PROF. PETER IVANOVICH, MD, FRCP – A FRIEND OF DOCTORS NEPHROLOGISTS FROM NORTH MACEDONIA

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ABSTRACT

Prof. Peter Ivanovich was born in Tacoma, Washington, USA on November 9, 1928, and died in Chicago on November 16, 2019.

After being educated by the father of chronic hemodialysis, Belding Scribner, in Seattle, P. Ivanovich devotes himself to the study of hemodialysis and its treatment in patients with chronic terminal renal failure. From 1971 he worked at the Northwestern University School of Medicine in Chicago where he created a hemodialysis unit at the Veteran Affairs Hospital.

In the well-equipped hemodialysis unit, the latest hemodialysis techniques were studied and new drugs were tested. Numerous doctors from all over the world, as well as from Macedonia, visited and researched at the unit with P. Ivanovich.

P. Ivanovich has frequently visited Macedonia and the former Yugoslavia, where he participated with his lectures. He helped in the development of nephrology in the Balkan Peninsula.

Significant is his participation in the First Scientific Meeting of the Nephrologists of Yugoslavia, Struga, 26-28. IX 1977 and in the creation of BANTAO in Ohrid on 9. IX 1993 - during the First Congress of the Macedonian Society of Nephrology, Dialysis, Transplantation and Artificial Organs.

Prof. P. Ivanovich is in the lasting memory of the nephrologists of North Macedonia as a renowned nephrologist, cosmopolitan and friend of patients and doctors.

Keywords: nephrology, hemodialysis

I met Prof. Peter Ivanovich during my study visit at the Northwestern University School of Medicine in Chicago, USA in 1972 г. (Feinberg School of Medicine - Northwestern University).

Prof. Ivanovich kindly invited me to visit him at his unit of hemodialysis, which was located at the Veteran Affairs Hospital, part of Northwestern University.

The family of P. Ivanovich originated from Dalmatia, Croatia. They left for the United States for a better life and in Tacoma, Washington, USA on November 9, 1928 P. Ivanovich was born.

After graduating from the Medical Faculty of St. Louis University, P. Ivanovich went to Seattle for specialization, to Belding Scribner, the father of chronic hemodialysis. This stay determined his future life.

P. Ivanovich devoted himself to the study of hemodialysis and the treatment of patients with terminal renal failure with hemodialysis.

On 1971 he became a member of the Northwestern University School of Medicine in Chicago. Working in this field, he became one of the most famous experts in the world.

The Mediterranean spirit, inherited from the parents, warmth and kindness to people, were characteristic for P. Ivanovich throughout his life.

His unit (for hemodialysis) was the place where famous nephrologists from around the world

came and worked, where doctors and engineers studied and exchanged knowledge. Here were applied new methods of treatment, and drugs and new techniques (machines and means) for the treatment with hemodialysis were examined.

Top research papers were created here, which were published in the most famous scientific journals to be available to everyone in the world.

Many doctors from Macedonia, nephrologists, stayed at the unit and learned from P. Ivanovich on novelties in nephrology, dialysis and kidney transplantation.

P. Ivanovich helped me to better understand hemodialysis. He helped me in the preparation of lectures on Balkan endemic nephropathy that I gave at the Internal Departments of several US universities, including the National Institute for Health (NIH) in Bethesda, Washington DC.

P. Ivanovich has visited Macedonia several times. He supported the Macedonian doctors in the introduction of modern nephrology for patients treatment.

He participated with his paper Use of large surface area hemodialyzers to shorten dialysis time in the work of the First scientific meeting of Yugoslav nephrologists, held in Struga, 26-28.IX 1977, which has been published in the Proceedings of the Meeting [1].

Fig. 1. From left to right: R. Kluthe – Freiburg, P. Ivanovich – Chicago, V. Danilovic – Belgrade, N. Calic-Perisic – Belgrade, A. Puhlev – Sofija

Apart from Prof. P. Ivanovich from USA, at the meeting took part renowned nephrologists from Europe, such as J. S. Cameron from UK, J. L. Funck Brentano from France, R. Kluthe from Germany, A. Puhlev from Bulgaria, as well as the most prominent nephrologists from former Yugoslavia. The participants exchanged experiences

from the achievements in nephrology, which was an impetus for the development of nephrology in Macedonia and the former Yugoslavia.

Prof. Ivanovic has frequently participated in scientific meetings in Macedonia and the former Yugoslavia.

Fig. 2. From left to right: V. Djordjevic, P. Ivanovic, Lj. Djukanovic, H. Klinkmann, F. Berthoux

He was especially active in the establishment of BANTAO (Balkan Cities Association of Nephrology, Dialysis, Transplantation and Artificial Organs).

He has participated in several BANTAO meetings and has contributed to the development of nephrology in the countries of the Balkan Peninsula [2].

Fig. 3. From left to right: A. Buscaroli, P. Ivanovich, F. Berthoux, H. Klinkmann

Prof. P. Ivanovich was active in the nephrology associations, especially dedicated to dialysis, such as the International Society for Artificial Organs, in which he held the most important leadership positions. P. Ivnaovich received the highest recognitions for his work from several universities around the world.

Prof. P. Ivanovich died in Chicago on November 16, 2019.

Prof. Ivanovich is in the lasting memory of the nephrologists from Northern Macedonia and beyond in the former Yugoslavia as a renowned nephrologist, humanist, educator and friend of doctors and patients.

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Резиме

ПРОФ. Д-Р МЕД. ПЕТЕР ИВАНОВИЌ – ПРИЈАТЕЛ НА ДОКТОРИТЕ НЕФРОЛОЗИ ОД СЕВЕРНА МАКЕДОНИЈА

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Проф. Петер Ивановиќ е роден во Такома, Вашингтон, САД, на 9 ноември 1928 година, а починал во Чикаго на 16 ноември 2019 година.

По едукацијата кај таткото на хроничната хемодијализа – Белдинг Скрибнер во Сиетл, П. Ивановиќ се посветува на изучувањето на хемодијализата и лекувањето со неа на болните со хронична терминална бубрежна инсуфициенција.

Од 1971 година работел на Медицинскиот факултет на Универзитетот Нортвестерн во Чикаго каде што го создал одделот за хемодијализа во Veteran Affairs Hospital.

Во добро опремениот оддел за хемодијализа се изучувале најновите техники за хемодијализа и се иследуваат и нови лекаства. Голем број лекари од целиот свет, а и од Македонија, престојувале и истражувале на одделот со Петер Ивановиќ.

Петер Ивановиќ повеќе пати престојувал и учествувал со свои предавања во Македонија и во поранешната Југославија. Тој помогнал во развојот на нефрологијата во земјите на Балканскиот Полуостров.

Значајно е неговото учество со труд на Првиот научен состанок на нефролозите на Југославија во Струга, од 26 до 28 септември 1977 година, и во создавањето на БАНТАО во Охрид, на 9 септември 1993 година, за време на Првиот конгрес на Македонското здружение за нефрологија, дијализа, трансплантација и вештачки органи.

Проф. Петер Ивановиќ ќе остане во траен спомен на нефролозите на Северна Македонија како врвен нефролог, космополит и пријател на лекарите нефролози.

Клучни зборови: нефрологија, хемодијализа