

50th Anniversary!

**36th International Congress on
Electrocardiology
Wroclaw, 24–27 June, 2009**



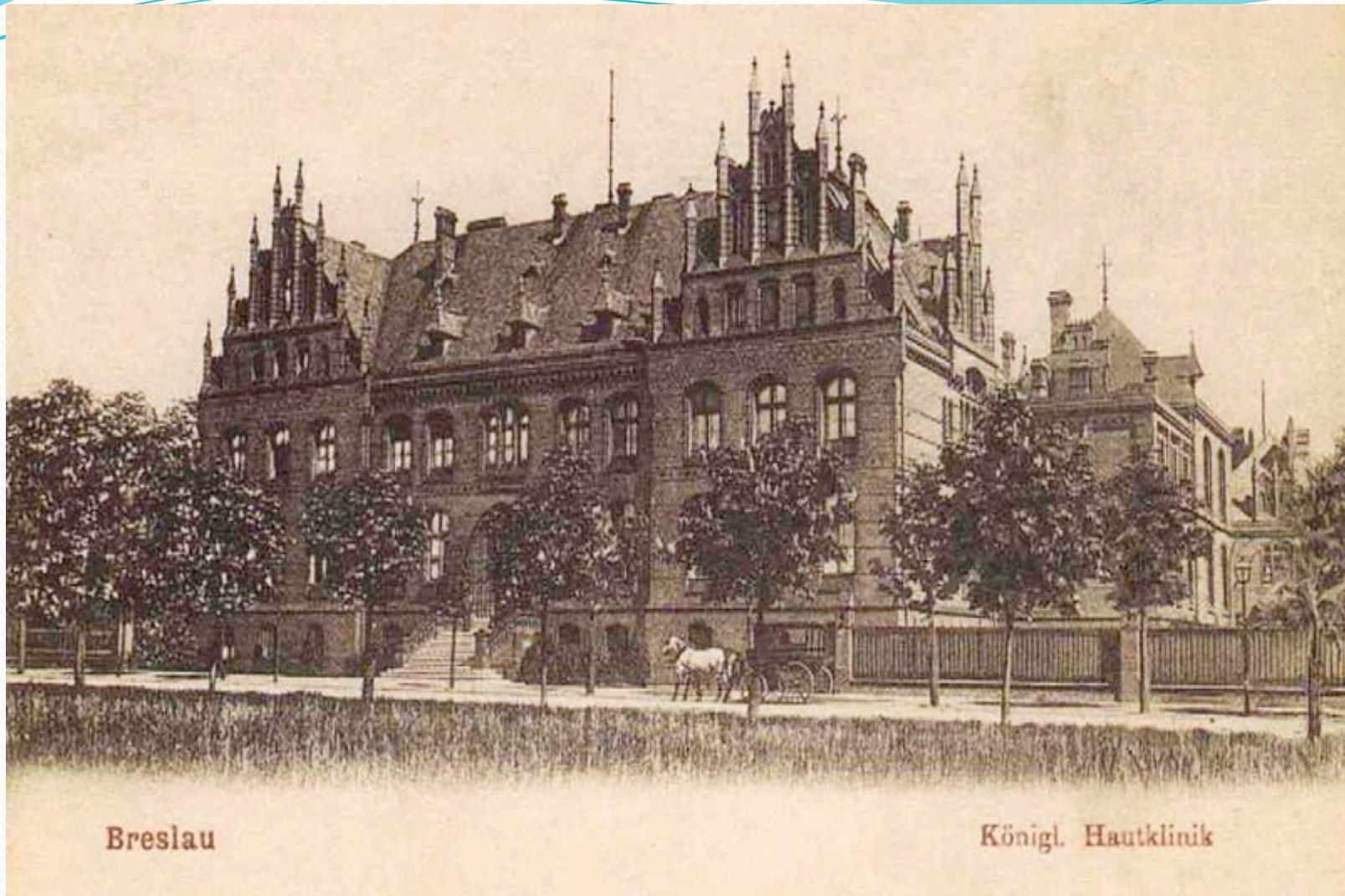
**First International Symposium on
Vectorcardiography
Wroclaw, 21–24 October, 1959**

Wroclaw Town Hall before the flood in 1997





**The Department of Pathophysiology
Wroclaw Medical University
Professor Hugon Kowarzyk, the head (1946-1977)**



Wroclaw Medical University, 1914
Dermatological Department

Wroclaw Medical University

Ophtalmic Department, Chalubinskiego street



Wroclaw, Market Square, 1945



Wroclaw, Cathedral Island, 1945



Wroclaw center, 1945





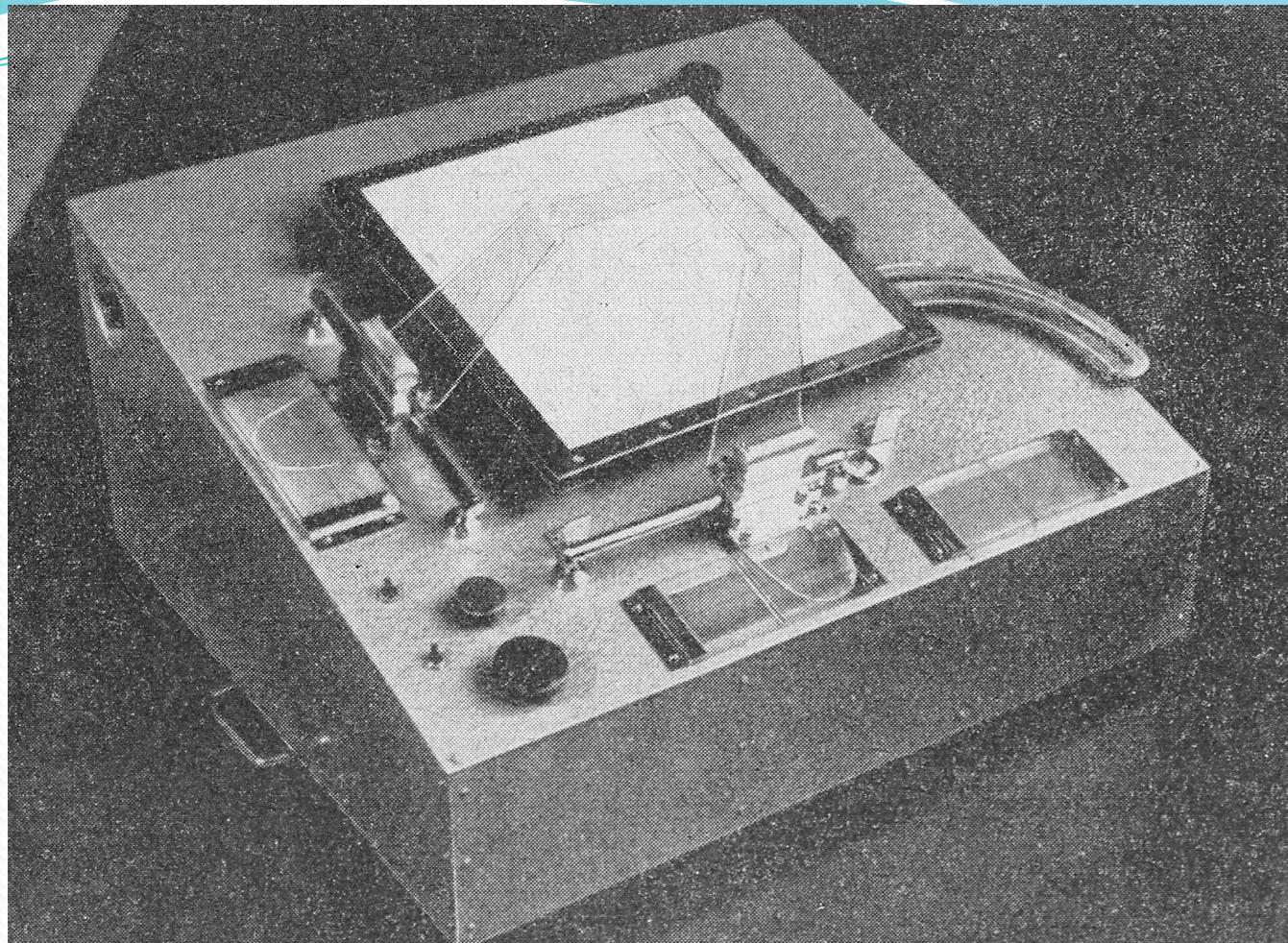
**Professors Hugon and Zofia Kowarzyk -
unique marriage couple devoted to work**



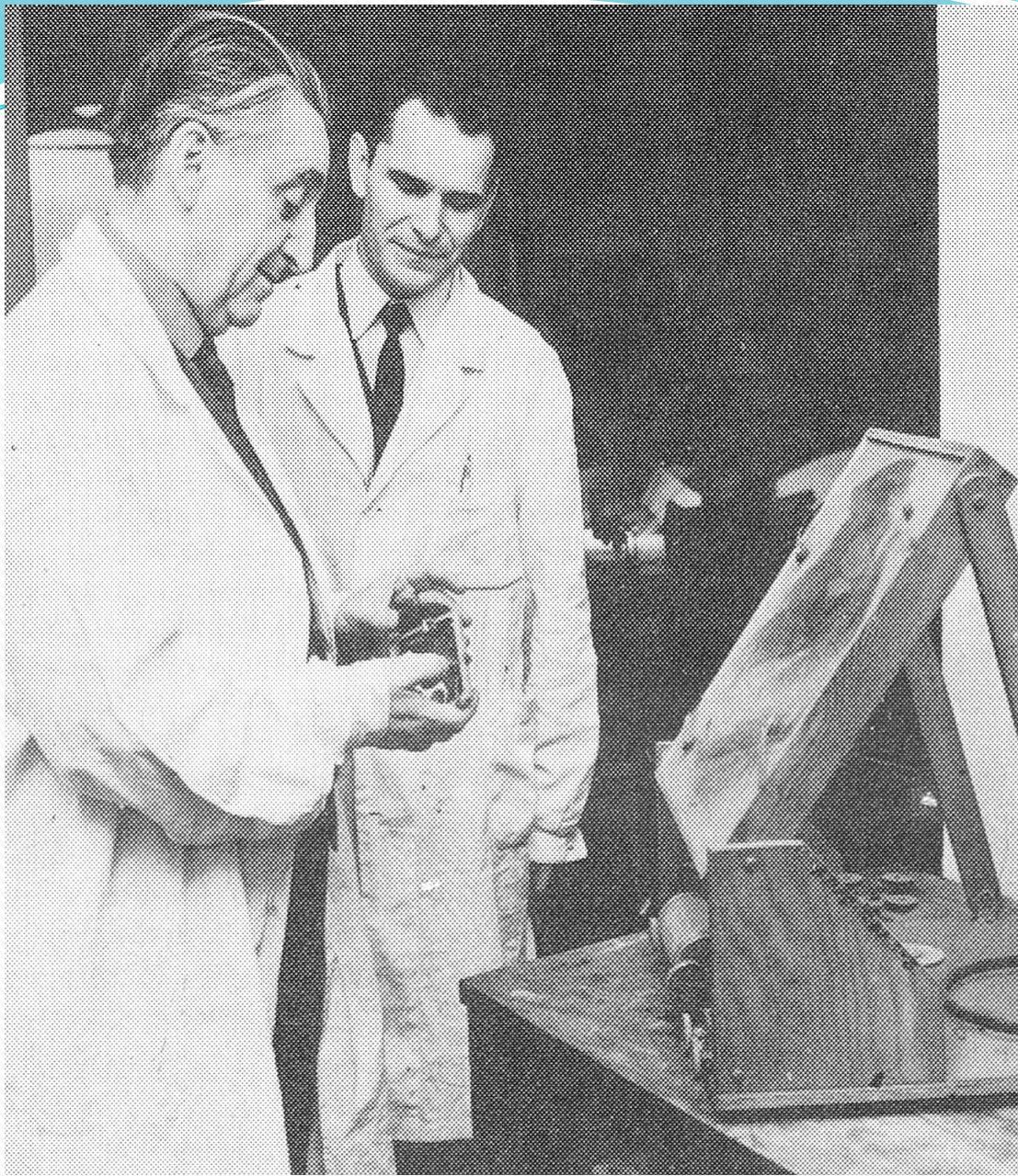
Zofia and Hugon Kowarzyks with the participants of
the First Course in Spatial Vectorcardiography (Wroclaw, 1955)



**The VCG course in Wrocław
(on the right: Józef Jagielski and Zofia Kowarzyk)**

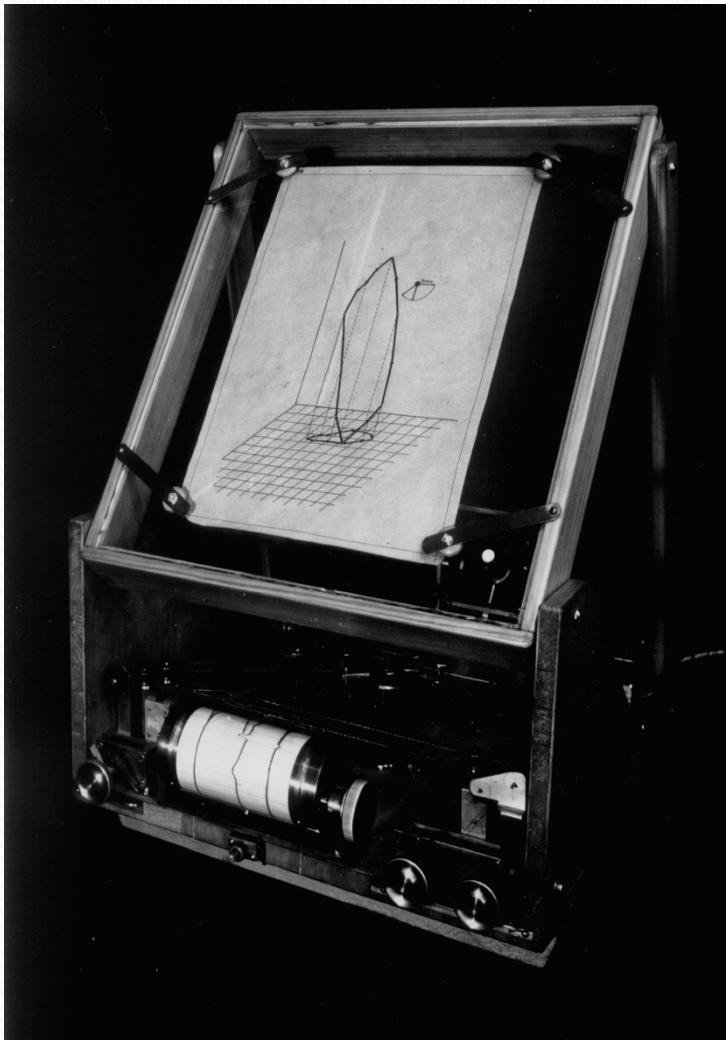


Axonocardiograph – apparatus constructed by Hugon Kowarzyk et al. (1957)
Perspective image of 3-dimensional vectorcardiogram „axonocardiogram”

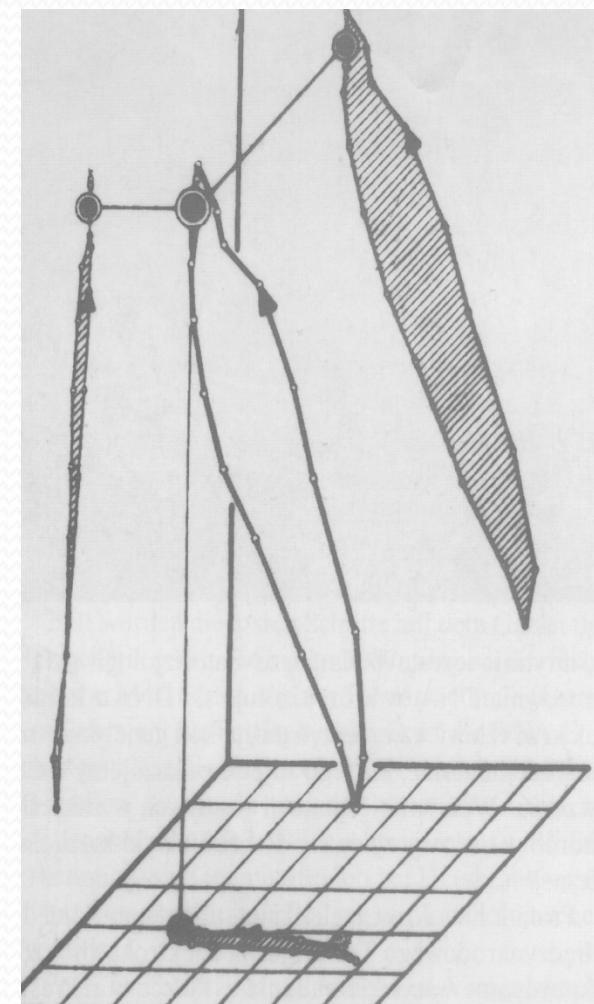


Hugon Kowarzyk and
Józef Jagielski
by the prototype of
perspective
axonocardiograph

perspective axonocardiograph

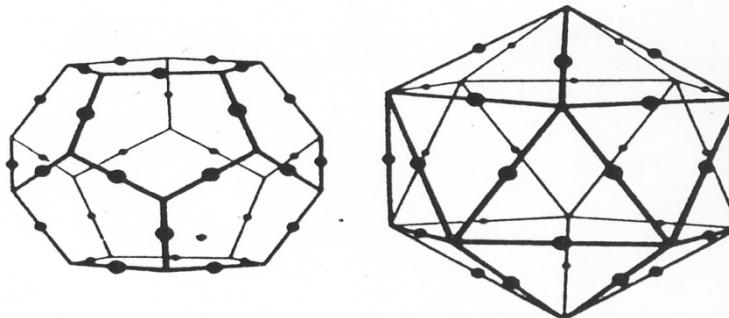


axonocardiogram



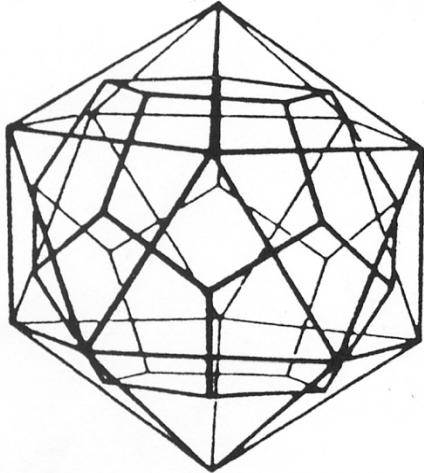
dodecahedron

icosahedron



icosadodecahedron – ‘Diamantoid’

30-lead multielectrode network for recording vectorcardiograms
spherical system symmetrized the cardioelectric field



Spatial Substitutes of the Lead Vector Triangle

H. Kowarzyk, Z. Kowarzyk, J. Jagielski

Nature, 1965; 209: 1365-1367

POLISH ACADEMY OF SCIENCES
DEPARTMENT OF MEDICAL SCIENCES

SPATIAL VECTORCARDIOGRAPHY

SYMPOSIUM ON
THEORY, TECHNIQUE AND CLINICAL APPLICATION
WROCŁAW, OCTOBER 21-24, 1959



POLISH STATE MEDICAL PUBLISHERS
WARSAW

The First International Symposium on Vectorcardiography

Wroclaw, 21-24 October,
1959

The I Colloquium Vectorcardiographicum Wroclaw, 1960

The guests from
Bratislava, Bulgaria,
Czechoslovakia, Germany

COLLOQUIUM VECTORCARDIOGRAPHICUM I

KATEDRA PATOLOGII OGOLNEJ I DOSWIADCZALNEJ A.M. WE WROCŁAWIU

K u r s

Wektokardiografii przestrzennej
listopad 1960 r o k

u c z e s t n i c y :

1.) Dr Stanisław Wilkoni
Zastępca Ordynata Oddziału Wewnętrznego
Szpitala Miejskiego im. Stefana Żeromskiego,
Nowa - Ruta (koło Krakowa)
Sekretarz Towarzystwa Internistów Polskich,
Oddział w Krakowie.

2.) Lek. Zofia Wolny
St. Asyst. Szpitala im. Narutowicza,
Lekarz Zakładu Kardiologii Miasta
Kraków.

3.) lek. Wojciech Kożłowski,
st. asystent III Kliniki Chorób Wewnętrznych
Akademii Medycznej w Gdańsku,
kierownik Obwodowej Poradni Kardiologicznej
w Gdańsku.

4.) Dr Ionko Pantefef
Senior assistant from the chair of Medical
Propedematics in the Superior Medicale
Institute "Ivan P. Pavlov" - Plovdiv.

5.) MUDr Ivan Ruttakay - Neddecký C.Sc.
Pracownik Instytutu Medycyny Eksperymentalnej
Słowackiej Akademii Nauk, Sekretarz Naukowy
Wydziału Biologiczno-Medycznego
S.A.N. w Bratysławie (Bratislava).

6.) MUDr Josef Vybichal
Asystent II. Kliniki Chorób Wewnętrznych
Uniwersytetu Karola, HRADEC KRALOVE.

7.) Dr Günther Fiedler
Chefarzt
Deutsche Lufthansa, BERLIN-Schönefeld (Flugplatz).
Bad SAAROW-PIESKOW, Karl-Marx-Damm 75 (Privat).

8.) MUDr Ludvík Holoubek
Docent Vnitřního Lekarství
Primer interního a infekčního oddělení
Strakonice (Československo).

9.) Lekarz med. Danuta KOSECKA - MICHAŁOWSKA
Asystent Oddz. Wewnętrznego i Kierownik
Gabinetu EKG, Szpital Morski, GDYNIA - Redłowo.

Wrocław 1960.

COLLOQUIUM
VECTORCARDIOGRAPHICUM III

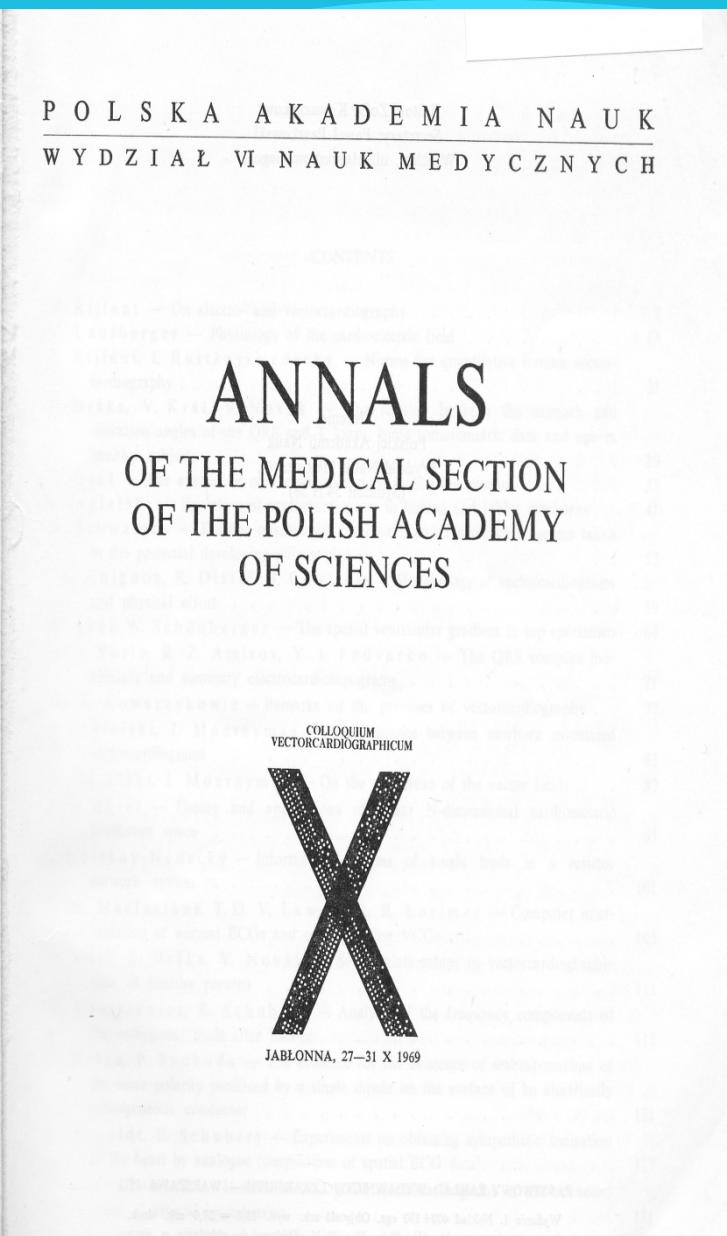
ZAKOPANE

5 — 10. XI. 1962



The III Colloquium Vectorcardiographicum

Zakopane – High Tatra Mountains
Poland, 1962



The Proceedings of the X Colloquium Vectorcardiographicum

held by the Kowarzyks in Jabłonna, Poland, 1969



**Professors Zofia and Hugon Kowarzyks among the friends –
participants of the X Colloquium Vectorcardiographicum
Jablonna, Poland, 1969**



Professor Pierre Rijlant in Jabłonna (1969)

We are thankful for the efficient and devoted enthusiasm of both the Kowarzyks, who consider these meetings somewhat as their spiritual child and provide for them the most loving care.

Proceedings of the
XVIIIth International Congress on Electrocardiology

ELECTROCARDIOLOGY '91

Warsaw, Poland
24 – 26 August 1991

Editors

**Józef Jagielski
Mirosław Górnicki**

Department of Pathophysiology, Wrocław Medical Academy



World Scientific

Singapore • New Jersey • London • Hong Kong

The XVIII International Congress on Electrocardiology

held by
**Prof. J. Jagielski and
Dr. M. Górnicki**
in Warsaw, Poland, 1991



The XVIII ICE in Warsaw (1991)

Prof. P. Macfarlane with the organizers -
Prof. J. Jagielski and Dr. M. Górnicki



23th ICE, Cleveland, Ohio, USA, 1996



**28th ICE, São Paulo, Guaruja
Brazil, 2001**



31st ICE, Kyoto
Japan, 2004



We invite you to
**the XXXII
International
Congress on
Electrocardiology**

ISE & ISHNE



2-4 CZERWCA 2005 / GDAŃSK

The 11th Congress of the International Society for Holter and Noninvasive Electrocardiology



International
Society
of
Electrocardiology



The 32nd Congress of the International Society of Electrocardiology

ICE 2009

Wroclaw

24-27 June



Wroclaw warmly welcome all of you!

- ICE 2009
- Wroclaw
- 24-27 June
-



Japanese Garden

ICE 2009

Wroclaw

24-27 June



Cathedral Island

ICE 2009

Wroclaw

24-27 June



Botanic Garden

ICE 2009

Wroclaw

24-27 June



Wroclaw by night

Multimedium Fountain by the Cenntenial Hall

