

# Second World Congress on Fertility and Sterility

Secondo Congresso Mondiale della Fertilità e Sterilità

Segundo Congreso Mundial de Fertilidad y Esterilidad

Deuxième Congrès Mondial de la Fertilité et Stérilité



Sponsored by the  
**INTERNATIONAL FERTILITY ASSOCIATION**

Naples, May 18 - 26, 1956



## Committee on Arrangements

Prof. TESAURO G., Chairman

Dr. DE GIORGI L.

Dr. TORTORA M.

Dr. VAGLIO N.

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Dr. MARTELLA E.

## Program Committee

Prof. MURRAY E. G., Chairman (Argentina)

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Dr. SWYER G. I. M. (Great Britain)

Prof. TESAURO G. (Italy)

Dr. WILLIAMS W. W. (U. S. A.)

Dear Sir,

The International Fertility Association (I.F.A.) announces its Second World Congress, which will be held in Naples on May 1956.

The I.F.A. founded in Rio de Janeiro in 1951, sponsors once every three years a World Congress with the aim of joining the scholars (medical men, veterinarians and sociologists) interested in the problems of fertility and in the fight against sterility.

The First World Congress of the I.F.A., held in New York in May 1953, was crowned by the greatest success for the importance of scientific contributions by the leading men in the field of sterility problems.

The Second World Congress will be held in Naples, from May 18 to May 26, 1956, although during the New York's meetings it was planned to have it in Capri. A change has been made necessary, because the number of participants foreseen would be too large to conveniently be lodged in the island's hotels.

The major topics of the Congress are the following:

- I - Endocrine and methabolic factors in Fertility and Sterility.
- II - Professional (occupational) and toxic factors in relation with Fertility.
- III - New methods of diagnostic and treatment of male Sterility.
- IV - New methods of diagnostic and treatment of female Sterility.



- V - Diagnostic of ovulation and its disorders.
- VI - Diagnostic of spermatogenesis and its disorders.
- VII - Treatment of disorders of ovulation.
- VIII - Treatment of disorders of spermatogenesis.
- IX - Surgery of male Sterility.
- X - Surgery of female Sterility.
- XI - Experimental investigations in Fertility and Sterility.
- XII - Problems in animal reproduction (Veterinary).

The inauguration of the meetings will take place on May 18, 1956, in the Baron's Hall at the Angioino Castle, the monumental fortress dominating Naples' harbour. Also in the Castle special offices, with interpreters speaking several languages, will give assistance to the Congressists. The service will be secured in the following languages: English, French, German, Spanish, and Italian.

Immediate translation of the papers presented will allow the lecturers to speak in their own languages, while everyone will be able to listen to the translations through headphones and participate in the discussions, with no inconvenience for language difficulties.

Prof. Murray, Chairman of the Program Committee, is already inviting the leading men of the field to present a paper on the major topics and many have already announced their valuable contributions.

The Scientific Meetings will be held in the lecture halls of the Congress Palace at the Flegrean fields, where will also be provided halls for the scientific exhibits and for the exhibits of medical and technical concerns. In the same palace special offices with interpreters, Post Office, Exchange Office, etc. will offer their services to the Congressists.

To allow the Congressists to alternate work hours with recreation, excursions have been planned to Capri, Amalfi, Sorrento, Positano and to Pompei's ruins. A party will be given for the Congressists in the magnificent halls of the King's Palace in Naples. A tour to Rome will offer the opportunity to visit the Holy Father.

Parties, fashion shows and special tours are being planned to entertain the ladies and other family members of the Congressists, with the intention of making their stay in the superb arch of Naples' Bay the most pleasant of all.

Special busses will provide the participants with transportation from hotels to the Congress Palace.

Touristic services will be furnished by the Th. Cook and Sons Co. which for the convenience of the Congressists will have its special office at the Congress' site.



The same travel Company will take care of hotel reservations.

Enclosed you will find a list of the most comfortable hotels through which you may select the most convenient lodging in Naples for you and your family.

To enable the Committee on Arrangements to secure all the necessary services, please return the registration blank at your earliest convenience. At the same time you may send the hotel reservation blank either to me or to the nearest Cook's agency. To this purpose please use the enclosed envelope with the printed address.

The Congress' registration fee is 25 U.S. Dollars for the Congressists and 15 U.S. Dollars for each member of the family. The Congressists registration fee includes the volume of the Proceedings of the Congress.

More detailed information about the Congress and the final program will be sent after reception of the Registration.

In the hope that you may wish to attend the Congress, I remain

Yours truly

Prof. G. TESAURO

Chairman of the Committee on Arrangements

Please send correct address for further correspondence

## Second World Congress on Fertility and Sterility

Sponsored by the  
**International Fertility Association**

Naples, May 18-26, 1956

### REGISTRATION

Full Name and address of the Congressist.....

Full name of family members accompanying the Congressist.....

I'll Pay for the registration fee (°) ..... U. S. Dollars through.....

Signature

(°) Registration fee is 25 U.S. Dollars for the Congressist and 15 U.S. Dollars for each member of the family.

# Second World Congress on Fertility and Sterility

NAPLES

18 - 26 May 1956

## ACCOMMODATION FORM

(Please return as soon as possible to the nearest **COOK // WAGONS - LITS** Agency or to the Congress Committee).

NAME AND CHRISTIAN NAMES .....

Full Address .....

Accompanied by (names, christian names, relationship) .....

Please reserve for ..... person (s) from ..... evening to ..... in the morning, on full pension - demi pension basis :

.....single room without bath

.....single room with bath

.....twinbedded room without bath

.....twinbedded room with bath

.....large bedded room without bath

.....large bedded room with bath

at the approximate price of Lire ..... per person per day, in an Hotel of category .....

(if possible, Hotel ..... or similar).

date .....

signature .....

**The equivalent to the cost of at least one night's stay must be remitted with this registration form as a deposit on the Hotel accommodation.**



**The Travel Agencies**

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**A Worldwide Organisation**

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## APPROXIMATE PRICE OF THE ROOMS *(per night)*

HOTELS	FULL PENSION		HALF PENSION	
	With bath	Without bath	With bath	Without bath
EXCELSIOR	7.600	—	6.400	—
VESUVIO	7.000	—	5.800	—
ROYAL				
CONTINENTALE	5.900	5.000	4.900	3.700
GRAND DE LONDRES	5.900	5.300	4.400	3.800
PARKER'S	4.800	3.800	3.800	2.800
SANTA LUCIA	5.900	5.150	5.000	3.750
GRAN TURISTICO	5.650	4.850	4.450	3.600
BRITANNIQUE	4.100	3.500	3.000	2.400
UNIVERSO	3.900	3.200	3.100	2.400
MIRAMARE	4.100	3.800	3.075	2.775
METROPOLE	4.100	3.800	3.550	2.800
TERMINUS	3.600	3.300	2.800	2.500
GRAND DE NAPLES	3.900	3.500	3.000	2.600
CAVOUR	3.300	3.100	2.500	2.300
GARDEN	3.300	3.000	2.800	2.500
SANT' ELMO	3.200	3.000	2.600	2.400
GRILLI	3.400	2.800	3.000	2.300
NUOVA BELLA NAPOLI	4.100	3.800	3.300	3.000

Service and taxes not included (about 16%). The above prices are subject to alteration.



International Fertility Association  
2<sup>o</sup> WORLD CONGRESS ON FERTILITY AND STERILITY  
May 18 - 24, 1956

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**Prof. G. TESAURO**

Clinica Ostetrica e Ginecologica

VIA S. ANDREA DELLE DAME, 19

*Par Avion*  
*By Air Mail*

NAPOLI (Italy)







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# *Program*

## FIRST WORLD CONGRESS ON FERTILITY AND STERILITY

HENRY HUDSON HOTEL

NEW YORK CITY

MAY 25-31, 1953



SPONSORED BY  
The International Fertility Association  
and  
The American Society for the Study of Sterility.

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# *Program*

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## **OFFICERS**

### **American Society for the Study of Sterility**

*President*, Irving F. Stein

*Vice-President*, John O. Haman

*Secretary*, Walter W. Williams

*Treasurer*, Carl Johnson

*Ass't Secretary*, Herbert H. Thomas

## **Directors**

M. Edward Davis

S. Leon Israel

Lewis Michelson

W. T. Pommerenke

Somers H. Sturgis

B. Bernard Weinstein

## **OFFICERS**

### **International Fertility Association**

*President*, B. Bernard Weinstein

*Vice-President*, A. Campos da Paz Jr.

*Secretary-General*, Carlos D. Guerrero

*Assoc. Sec'y General*, Abner I. Weisman

and

Honorary and Active Vice-Presidents  
National Secretaries of each Nation

## CONGRESS COMMITTEES

### PROGRAM COMMITTEE

#### *Co-Chairmen:*

A. Campos da Paz, Jr., Rio de Janeiro, Brazil.

S. Leon Israel, Philadelphia, Pa.

#### *Sub-Chairman:*

M. G. Fincher, Ithaca, N. Y.

### COMMITTEE ON ARRANGEMENTS

#### *Chairman:*

Abner I. Weisman, New York, N. Y.

#### *Chairmen of Subcommittees:*

Banquet: John O. Haman, San Francisco, Calif.

Scientific Exhibits: Charles M. McLane, New York, N. Y.

Clinics in New York: Clair E. Folsome, New York, N. Y.;

Abraham Stone, New York, N. Y.

Reception: Samuel L. Siegler, Brooklyn, N. Y.

Welcome: J. P. Greenhill, Chicago, Ill.

Registration: Carl Johnson, New Haven, Conn.; Herbert Thomas, Birmingham, Ala.

Motion Pictures: Daniel B. Roth, Teaneck, N. J.

Public Relations: Somers H. Sturgis, Boston, Mass.

Inaugural: A. Campos da Paz, Jr., Rio de Janeiro, Brazil.

Information: Walter W. Williams, Springfield, Mass.

Language Interpretation: Rita S. Finkler, Newark, N. J.

Women Physicians: Sophia J. Kleegman, New York, N. Y.

Latin-American Night: Aberlardo Salas G., Monterrey, Mexico

Physicians' Wives: Mrs. Martin L. Stone, New York, N. Y.

Chief Interpreter: Mrs. Dolores Dove, New York, N. Y.

### LIAISON COMMITTEE

#### *Chairman:*

W. T. Pommerenke, Rochester, N. Y.

### WORLD CONGRESS COMMITTEE OF THE

#### *I.F.A. AND A.S.S.S.*

B. Bernard Weinstein, New Orleans, La., *President*, I.F.A.

Irving F. Stein, Chicago, Ill., *President*, A.S.S.S.

Carlos D. Guerrero, Mexico, D.F., *Secretary-General*, I.F.A.

Walter W. Williams, Springfield, Mass., *Secretary*, A.S.S.S.

### CONTINENTAL COMMITTEE

Henri Bayle, Paris, France, representing Europe.

W. T. Pommerenke, Rochester, N. Y., representing North America.

Edmundo Murray, Buenos Aires, Argentina representing South America.

Samuel Rozin, Jerusalem, Israel, representing Asia.

Bryan C. Murless, Durban, South Africa, representing Africa.

H. Pellew, Adelaide, Australia, representing Australia.



## THE FIRST WORLD CONGRESS ON FERTILITY AND STERILITY

It was with a good deal of doubt and misgivings that a small group of men gathered together in a room in the Gloria Hotel in Rio de Janeiro, Brazil, and agreed that an international meeting on fertility and sterility should be held in New York City during the last week of May, 1953. They realized that their embryonic society was without funds, that the world had not been organized in the field of fertility and sterility, and that language barriers were sure to cause trouble. Yet, on October 18, 1951, these men had a vision. They simply knew that, come May, 1953, the world leaders in fertility and sterility would get to New York somehow. They knew that the First World Congress on Fertility and Sterility just had to come soon—and why not as soon as was possible? Why delay?

The organizing committee of the International Fertility Association got underway and elicited the aid of the American Society for the Study of Sterility. The latter organization, though still young and toddling, at least had some 200 members at the time. The planning, thinking and activities of the two societies merged for the Congress. Things had to be done—and done fast. They had but a year and a half to plan for a world-wide meeting.

All the struggles, heartaches and sleepless nights due to uncertainties have come and gone. The First World Congress on Fertility and Sterility is an accomplished fact. Now, we no longer need hold our breath—the success of the Congress is certain.

Never before in history have so many world leaders in reproduction gathered together under one roof. Never before has any such equally ambitious program been planned for a First International Meeting. Actually, the Congress will hear 189 reports from investigators from every corner of the earth. Discussors number in the hundreds. And, never before, for any specialty international meeting on reproduction have almost a thousand scientists registered and paid for their reservations *in advance!*

We have made mistakes—the Congress will have its flaws—our planning could have been improved in spots—but in the final analysis, we know that you will have been pleased to be a part of this first history-making congress.

We are happy to have been of service to our fellow colleagues of the world and to the people of the world.

The Organizing Committee

A. Campos da Paz, *Rio de Janeiro*  
S. Leon Israel, *Philadelphia*  
Abner I. Weisman, *New York City*

**SPECIAL RECEPTION FOR DISTINGUISHED  
INTERNATIONAL GUESTS**

Latin—American Night  
(La Noche Latino-Americana)

**BALLROOM—HENRY HUDSON HOTEL**  
**New York City**

**Sunday, May 24, 1953, 8:30 P.M.**

*tendered by the members of the*

**AMERICAN SOCIETY FOR THE STUDY OF STERILITY**

*and the*

**INTERNATIONAL FERTILITY ASSOCIATION**

**GUEST—CHAIRMAN, ABELARDO SALAS G., M.D.**  
**Monterrey, Mexico**

Dress—Typical Native Costume  
(Latin American)

By Invitation

Music by Maurice Wolfsie and his Latin-American orchestra

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# *Program*

## **FIRST WORLD CONGRESS ON FERTILITY AND STERILITY**

A Congress combining the sessions of the First Congress of the International Fertility Association and the Ninth Annual Meeting of the American Society for the Study of Sterility.

Monday Afternoon — May 25, 1953

2:00 P.M. — Ballroom (Room A)

### **THE PRE-INAUGURAL SESSION**

Introductory Remarks:

ABNER I. WEISMAN, Chairman of Arrangements Committee  
of the Congress

2:05 P.M. — Ballroom (Room A)

### **Section I—"THE REASON FOR THE CONGRESS —AND THE CHALLENGE"**

#### *Note*

The age-old problem of infertility, a problem affecting the welfare of civilization, is being vigorously studied in all corners of the world. The need to assemble students of the subject, at both research and clinical levels, led to the formation of this First World Congress on Fertility and Sterility. In sifting the application for papers to be presented to the Congress, the Program Committee realized that it would be impossible to discuss the entire body of knowledge concerning fertility involving, as it does, many cross-disciplines. Aware of the fact that the primary aim of the First World Congress is the correlation of all technics and therapies available to the infertile couple, the Program Committee could not include papers devoted to related aspects of the topic which, arising in the natural and social sciences, affect birth rates and national populations.

For this reason, certain of the more important sociologic and demographic viewpoints—challenging indeed, but not part of the Congress proper—are presented in this Pre-Inaugural Section. The challenges presented today warrant thought and consideration.

A. Campos da Paz Jr.

S. Leon Israel

Co-Chairmen,

Program Committee of the Congress

*Honorary Chairman:* AXEL WESTMAN, Professor of Obstetrics and Gynecology and Director of the Department of Women's Diseases, Caroline Institute, Stockholm, Sweden

*Chairman:* S. LEON ISRAEL, Philadelphia, Pa., U.S.A.

*Vice-Chairmen:* SANTIAGO DEXEUS FONT, Barcelona, Spain  
MANUEL MATEOS FOURNIER, Mexico, D.F.  
LUTHERO VARGAS, Rio de Janeiro, Brazil

*Honorary Secretary:* HERBERT CHASE SOSA, Asuncion, Paraguay

*Secretary:* HERBERT H. THOMAS, Birmingham, Alabama, U. S. A.

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1. Early Ideas Regarding Infertility  
ALAN F. GUTTMACHER, Obstetrician and Gynecologist to the Mount Sinai Hospital, New York, N. Y.
  2. The Limits of the Earth  
FAIRFIELD OSBORN, President of The Conservation Foundation and of The New York Zoological Society, New York, N. Y.
  3. Medico-social Problems and Infertility  
ARNALDO de MORAES, Professor, Department of Gynecology, University of Brazil, Rio de Janeiro, Brazil  
*Discussants:* FERNANDEZ DE ALMEIDA, Lisbon, Portugal  
SANTIAGO DEXEUS FONT, Barcelona, Spain  
FRED A. SIMMONS, Boston, Mass., U. S. A.  
L. I. SWAAB, Amsterdam, Netherlands
  4. Fertility Problems in the World Today  
ABRAHAM STONE, Director of the Margaret Sanger Research Bureau, New York, N. Y.  
*Discussant:* CLYDE V. KISER, Milbank Memorial Foundation, New York, N. Y.
  5. Lethal Genes as a Factor in Fertility  
ROBERT C. COOK, Managing Editor, The Journal of Heredity, Washington, D. C.  
*Discussants:* VIRGILIO FERREIRA DA COSTA, Rio de Janeiro, Brazil  
FRANZ J. KALLMANN, New York, N. Y.
  6. Horizons Unlimited: Problems of Infertile Couples, World Population Pressures and the Physiology of Reproduction  
S. R. M. REYNOLDS, Department of Embryology, Carnegie Institution of Washington, Baltimore, Md., U. S. A.  
*Discussants:* ALFREDO LOPEZ DE NAVA, Mexico, D.F.  
EDWIN M. ROBERTSON, Kingston, Ontario, Canada



# FIRST WORLD CONGRESS ON FERTILITY AND STERILITY

## THE INAUGURAL SESSION OF THE CONGRESS

BALLROOM—HENRY HUDSON HOTEL  
NEW YORK CITY

Monday, May 25, 1953, 8:30 P.M.

SPONSORED BY

THE INTERNATIONAL FERTILITY ASSOCIATION  
THE AMERICAN SOCIETY FOR THE STUDY OF STERILITY

*Chairman, Dr. A. Campos da Paz Jr.*  
Rio de Janeiro, Brazil

Addresses of Welcome:

Dr. Irving F. Stein, *President,*  
*The American Society for the Study of Sterility*

Dr. B. Bernard Weinstein, *President,*  
*The International Fertility Association*

Dr. Walter W. Williams, *Secretary,*  
*The American Society for the Study of Sterility*

Dr. Carlos D. Guerrero, *Secretary-General,*  
*The International Fertility Association*

Order of Business:

The Roll Call of NATIONS

The Roll Call of OFFICIAL SCIENTIFIC  
REPRESENTATIVES

The Roll Call of NATIONAL SECRETARIES of the IFA  
PURPOSE, AIMS AND RESOLUTIONS OF THE  
CONGRESS

## OFFICIAL PROGRAM

### FIRST WORLD CONGRESS ON FERTILITY AND STERILITY

Tuesday Morning, May 26, 1953, 8:30 A.M.

#### Section II—"CLINICAL ASPECTS OF OVARIAN PHYSIOLOGY"

(Ballroom—Room A)

*Honorary Chairman:* JUAN CARLOS AHUMADA, Titular Professor of Gynecology, University of Buenos Aires; Chief of the Gynecology Service, Hospital of Clinicas, Buenos Aires, Argentina

*Chairman:* ERNST NAVRATIL, Graz, Austria

*Vice-Chairmen:* FERNANDO DE ALMEIDA, Lisbon, Portugal  
B. BELONOSCHKIN, Stockholm, Sweden  
AMERICO STABILE, Montevideo, Uruguay

*Honorary Secretary:* OSCAR AGUERO, Caracas, Venezuela

*Secretary:* HERMAN I. KANTOR, Dallas, Texas, U. S. A.

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#### 1. The Value of Vaginal Smears in Sterility

INES L. C. DE ALLENDE, Chief of the Endocrinology Division, Mercedes and Martín Ferreyra Institute of Medical Investigation, Córdoba, Argentina

*Discussants:* AMELIA ERNST, Santiago, Chile  
DIB GEBARA, Rio de Janeiro, Brazil  
EPHRAIM SHORR, New York, N. Y.

#### 2. Hypertrophy of the Theca Cells and Sterility

AXEL WESTMAN, Professor of Obstetrics and Gynecology and Director of the Department of Women's Diseases, Caroline Institute, Stockholm, Sweden

*Discussant:* CARL G. HARTMAN, Raritan, N. J., U. S. A.

#### 3. Time of Ovulation in the Menstrual Cycle

PABLO E. BORRAS, Ex-Professor of Gynecology in the Litoral University and Chief of the Gynecology Service of the Spanish Hospital, Rosario, Argentina

and

RAFAEL M. PINEDA, Assistant Chief of the Gynecology Service of the Spanish Hospital, Rosario, Argentina

*Discussants:* PER BERGMAN, Malmo, Sweden  
CARL G. HARTMAN, Raritan, N. J., U. S. A.  
A. WOLF NETTO, Rio de Janeiro, Brazil

#### 4. Ovulation Timing

HERMANN KNAUSS, Head of the Department of Gynecology and Obstetrics in Wien-Lainz, Vienna, Austria

5. Ovulation at or Near the Menopause  
ALBERT SHARMAN, Consulting Obstetrician and Gynecologist, Royal Samaritan Hospital for Women; Lecturer, Clinical Gynecology, University of Glasgow, Glasgow, Scotland
6. The Incidence of Ovulation After Ectopic Pregnancy as Determined by Endometrial Biopsy  
ALVIN M. SIEGLER, From the Department of Obstetrics and Gynecology, State University of New York at New York City, College of Medicine; and Kings County Hospital, Brooklyn, New York
7. Conception During the Safe Period  
CARLOS COLMEIRO-LAFORET, Gynecologist and Obstetrician to the Vigo Hospital, Vigo, Spain
8. Induced Ovulation and Studies on Superfetation in Pregnant Rabbits  
M. SAN MARTIN, Chief of the Joint Laboratory of Genetics and Reproduction, National University of San Marcos, Lima, Peru

8:30 A.M.

### Section III—"CLINICAL ASPECTS OF SPERMATOGENESIS"

(Tudor Room—Room B)

*Honorary Chairman:* EDUARDO CASTRO, Clinical Professor of Urology, National University of Mexico, Chief Urologist Juárez and Spanish Hospitals, Mexico, D.F.

*Chairman:* FRED A. SIMMONS, Boston, Mass., U. S. A.

*Vice-Chairmen:* RAYMOND CROSS, Dublin, Ireland  
LEOPOLDO E. LOPEZ, Caracas, Venezuela  
JAMES K. L. CHOY, Topeka, Kansas, U. S. A.

*Honorary Secretary:* ROBERT S. HOTCHKISS, New York, N. Y.

*Secretary:* PAUL L. GETZOFF, New Orleans, La., U. S. A.

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1. Aspects and Prospects of Quantitative Studies on Spermatogenesis

EDWARD C. ROOSEN-RUNGE, Department of Anatomy, University of Washington School of Medicine, Seattle, Washington, U. S. A.

*Discussants:* WILLIAM H. MASTERS, St. Louis, Missouri, U. S. A.

FRANCISCO VALDES DE VALLINA, Mexico, D.F.



2. The Endocrine Control of Spermatogenesis  
 EARL T. ENGLE, Professor of Anatomy, Columbia University,  
 College of Physicians and Surgeons, New York, N. Y.  
*Discussants:* THALES MARTIN, Rio de Janeiro, Brazil  
 R. MORICARD, Paris, France  
 WARREN O. NELSON, Iowa City, Iowa, U. S. A.
3. Pre-adolescent Hypogonadism and Infertility: A Histologic  
 Study of the Maldevelopment  
 CHARLES W. CHARNY, Associate in Urology, Albert  
 Einstein Medical Center; Associate in Urology, Hahneman  
 Hospital, Philadelphia, Pa., U. S. A. and ALFRED S.  
 CONSTON and DAVID S. MERANZE, Philadelphia, Pa.,  
 U. S. A.  
*Discussants:* ADIB ANTONIO COURI, Rio de Janeiro, Brazil  
 ROBERT VARGAS ZALAZAR, Santiago, Chile  
 R. PALMER HOWARD, Oklahoma City, Oklahoma, U.S.A.
4. Occupation and Male Fertility: Relation of Occupation to  
 Lowered Fertility and Infertility  
 EDUARDO CASTRO, Clinical Professor of Urology, National  
 University of Mexico, Mexico, D.F.  
*Discussants:* LEOPOLDO E. LOPEZ, Caracas, Venezuela  
 WALTER W. WILLIAMS, Springfield, Mass., U. S. A.
5. Aspermatogenesis in the Guinea Pig Induced by a Single  
 Injection of Homologous Testicular Material Combined with  
 Paraffin Oil and Killed Mycobacteria  
 JULES FREUND, M. M. LIPTON and G. E. THOMPSON,  
 Division of Applied Immunology, The Public Health Re-  
 search Institute of the City of New York, New York, N. Y.
6. The Influence of Orchitis Parotidea on Spermatogenesis  
 ERIC NORDLANDER, Lecturer, University, Caroline Insti-  
 tute; Director of Laboratory for Male Fertility Research,  
 Hospital of the Caroline Institute, Stockholm, Sweden
7. Testicular Biopsy in Some Developmental Abnormalities of  
 Puberty  
 D. ANDREANI, M. MONICELLI, and C. CONTI, General  
 Medical Clinic of the University of Pisa, Pisa, Italy
8. Study of the Morphological and Histochemical Changes Pro-  
 duced by Estrogens on Adult Human Testes  
 FELIPE A. DE LA BALZE, Associate Professor, School of  
 Medicine, University of Buenos Aires, Argentina; and R. E.  
 MANCINI, G. E. BUR, and JUAN IRAZU, of the School  
 of Medicine, University of Buenos Aires, Buenos Aires,  
 Argentina

## TUESDAY

8:30 A.M.

### Section III-A—"SPECIAL GENERAL SESSION ON STERILITY"

(Terrace Room—Room E)

*Honorary Chairman:* EDMA ABOUCHDID, Department of Gynecology and Obstetrics, American Hospital, Beirut, Lebanon

*Chairman:* INES L. C. DE ALLENDE, Cordoba, Argentina

*Vice-Chairmen:* RONALD M. ALDER, Melbourne, Australia  
SAMUEL LETENDRE, Montreal, Canada  
LUIS TIRADO VELEZ, Medellin, Colombia

*Honorary Secretary:* DANIEL TREVINO G., Monterrey, Mexico

*Secretary:* JOHN M. CANNIS, Plainfield, N. J., U. S. A.

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1. Investigation of the Married Couple in a Sterility Clinic in Adelaide, Australia  
HENRY EDWIN PELLEW, Hon. Gynecologist at Royal Adelaide Hospital; Hon. Obstetrician at Queen Victoria Maternity Hospital, Adelaide, Australia
  2. Simultaneous Recording of Uterine and Tubal Contractility and of Uterotubal Insufflation  
AMERICO STABILE, H. ALVAREZ and R. CALDEYRO-BARCIA, From the Departments of Obstetrics and Gynecology and of Physiology, of the Faculty of Medicine, Montevideo, Uruguay
  3. Rebound Phenomen in the Female  
ADIB ANTONIO COURI, Urologist of the Institute of Gynecology, Rio de Janeiro, Brazil
  4. Post-Coital Examination of the Vaginal Contents  
LUIS RODRIGUEZ VILLA, Professor of Clinical Pathology in the Graduate School of the National University of Mexico, Mexico, D.F.
  5. An Analysis of 475 Basal Temperature Curves in Gynecological Cases in Haiti  
YVONNE Y. G. SYLVAIN, Hospital of St. Francis De Sales, Port-Au-Prince, Haiti
  6. Sterility and Functional Anovulatory Metrorrhagia Improved by Diathermic Coagulation of the Endometrium  
SERGIO FUENSALIDA, University of Chile, Santiago, Chile

7. The Value of Electro-Uterography in Infertility Cases  
KURT SOKOL, Bremen, Germany
8. Frequency of Anovulatory Cycles in the Peruvian Woman  
Complaining of Sterility  
JORGE ASCENZO C., Chief of the Consultorio-Service of  
Sterility in the Lozada Clinic, Lima, Peru  
— Consecutive Translation During this Session —

Transactions may be ordered at the Congress at the pre-publication price of \$21.00. Only a limited edition will be published. Be sure to order your copy *now*. Since meetings are being held simultaneously, it will be physically impossible to hear everything that is being presented at the Congress.



1:30 P.M.

**Section IV—"FACTORS INFLUENCING SPERM-EGG UNION"**

**(Ballroom—Room A)**

*Honorary Chairman:* R. MORICARD, Director of the Hormone Laboratory of the School of Special Studies, and of the Laboratory of the Gynecological Clinic of the Faculty of Medicine, Paris, France

*Chairman:* WILLIAM H. PERLOFF, Philadelphia, Pa., U. S. A.

*Vice-Chairmen:* EDMA ABOUCHDID, Beirut, Lebanon

RODOLFO ARROYO LLANO, Monterrey,  
Mexico

MAXIMILO TERRAN VALLS, San Jose, Costa  
Rica

*Honorary Secretary:* J. LAMBILLON, Leopoldville, Belgian  
Congo

*Secretary:* MELVIN R. COHEN, Chicago, Ill., U. S. A.

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1. A Possible Role of Follicular Fluid in Human Fertility and Infertility

RAPHAEL KURZROK, LEO WILSON, both of the Morrisania City Hospital, and CHARLES H. BIRNBERG, Brooklyn Jewish Hospital, New York, N. Y.

*Discussants:* P. M. F. BISHOP, London, England

KARL BURGER, Murzburg, Germany

EDMOND J. FARRIS, Philadelphia, Pa., U. S. A.

2. Further Studies of the Potential Oxide-Reduction in Tubal Fecondation; Applications to Sterility by the Study of the Reduction of Methylene Blue by Human Spermatozoa

RENE MORICARD, Director of the Hormone Laboratory of the School of Special Studies; and Director of the Laboratory of the Gynecological Clinic of the Faculty of Medicine, Paris, France

*Discussants:* W. T. POMMERENKE, Rochester, N. Y., U. S. A.  
G. HELLINGA, Amsterdam, Netherlands

3. Peritoneal Factor in Sterility

EDMUNDO G. MURRAY, Docente Libre in Gynecology, University of Buenos Aires; President of the Argentine Society for the Study of Sterility, Buenos Aires, Argentina

*Discussants:* AFRANIO A. MATOS, Rio de Janeiro, Brazil

IRVING F. STEIN, Chicago, Ill., U. S. A.

DELFINO GALLO, Guadalajara, Mexico

4. Spermigration in the Female Genital Tract

EDUARDO BUNSTER M., Professor of Gynecology, University of Chile; Chairman of the Chilean Obstetrical and Gynecological Society; and CARLOS LUND, and RENATO BENEZET, both of the Gynecological Section of the Hospital del Salvador, Santiago, Chile

3:45 P.M.

**Section V—"ENDOCRINE FACTORS"**

**(Ballroom—Room A)**

*Honorary Chairman:* SUBODH MITRA, Professor-in-charge, Department of Obstetrics and Gynecology, R. G. Kar Medical College; Director of the Chittaranjan Cancer Hospital, Calcutta, India

*Chairman:* E. C. HAMBLEN, Durham, N. C., U. S. A.

*Vice-Chairmen:* JOSEPH G. ASHERMAN, Tel-Aviv, Israel  
MAURICIO TEICHHOLZ, Rio de Janeiro, Brazil  
G. TESAURO, Naples, Italy

*Honorary Secretary:* KANJI KIKI, Sendai, Japan

*Secretary:* IRVING I. KURLAND, Brooklyn, N. Y., U. S. A.

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1. Influence of Vitamin E on the Placenta

B. S. TEN BERGE and RICHARD POLAK, Department of Gynecology and Obstetrics, State University, Groningen, Netherlands

*Discussants:* U. J. SALMON, New York, N. Y.  
EVAN V. SHUTE, London, Canada

2. The Value of Hormone-Analysis in Male and Female Sterility

L. I. SWAAB, Leader of Central Sterility Clinic of N.V.S.H.; Consulting Gynecologist, C.I.Z. Hospital, Amsterdam, Netherlands

3. Artificial endometrial cycles in the Ovariectomized Woman: Criteria of Relative Estrogenic Excess

JACQUES FERIN, Lecturer at the University of Louvain, Louvain, Belgium

4. Congenital Sexual Anomalies

W. O. THOMPSON, Clinical Professor of Medicine, University of Illinois College of Medicine, Chicago, Ill., U. S. A.

5. Observations on the Incidence of Congenital Anomalies and Their Prevention  
EVAN B. SHUTE, Medical Director of the Shute Institute,  
London, Canada
6. The Role of the Prostate Gland in Hormone Stimulation  
JOSE ALVAREZ LLERENA, Department of Urology, Mexico,  
D.F.
7. Contribution to the Treatment of Sterility by Hormonal Pelvic  
Vaccination  
ARMANDO NASCIMENTO, JR., Rio de Janeiro, Brazil

We are grateful to the International Business Machines  
Co., for their very kind cooperation and their generosity  
in making available the hearing devices.



1:30 P.M.

**Section VI—"PATTERNS AND EVALUATION OF SEMEN"**

**(Tudor Room—Room B)**

*Honorary Chairman:* WALTER W. WILLIAMS, Clinical Geneticist, Springfield Hospital, Springfield, Mass.; Secretary, American Society for the Study of Sterility, Springfield, Mass., U. S. A.

*Chairman:* CHARLES W. CHARNY, Philadelphia, Pa., U. S. A.

*Vice-Chairmen:* ERIC NORDLANDER, Stockholm, Sweden  
SERIF CANGA, Ankara, Turkey  
BASIL MAROULIS, Athens, Greece

*Honorary Secretary:* LUIS RODRIGUEZ VILLA, Mexico, D.F.

*Secretary:* ARTHUR A. ROTH, Cleveland, Ohio, U. S. A.

1. An Analysis of Human Male Fertility  
JOHN MACLEOD, Associate Professor of Anatomy, Cornell University Medical College, New York, N. Y.  
*Discussant:* EDUARDO CASTRO, Mexico, D.F.
2. Fluctuating Male Fertility  
RAYMOND G. CROSS, Physician in Charge, Infertility Clinic, Rotunda Hospital; Gynecologist, Bon Secour Hospital, Dublin, Ireland  
*Discussants:* CHARLES W. CHARNY, Philadelphia, Pa., U. S. A.  
RUY GOYANNA, Rio de Janeiro, Brazil
3. Electronmicroscopy of Human Spermatozoa  
MEYER D. SCHNALL, Gynecology Department, Mount Sinai Hospital, New York, N. Y.  
*Discussant:* RICHARDT H. HAMMEN, Copenhagen, Denmark
4. The Value of Urethrography in the Study of Male Fertility and Sterility  
M. LEOPOLD BRODNY, Urologist to the Fertility Clinic of Beth Israel Hospital, Boston, Mass., U. S. A.  
*Discussant:* OCTACILIO GUALBERTO, Rio de Janeiro, Brazil
5. Evaluation of Different Seminal Patterns: their Relation to Clinical and Laboratory Data; their Significance with Regard to Therapy  
G. HELLINGA, Endocrinologist of the Ned. Herv. Diaconessen Inrichting, Amsterdam, Netherlands

## TUESDAY

6. Hyaluronidase in Sterility  
MICHEL TURPAULT, Vice-President of the French Gynecological Society, Paris, France
7. The Differentiation Between Lack of Motility and Necro-spermia in Human Spermatozoa; Relation to Fertility  
NORBERT KLUEKEN, From the Dermatological Clinic of the University of Cologne, Krefeld, Germany
8. The Enzymatic Aspect of Male Human Fertility  
LOUIS J. CELLA, JR., From the Department of Surgery, Rhode Island Hospital, Providence, Rhode Island, U. S. A.

8:30 P.M.

### Section VII—"CLINICAL RECOGNITION OF OVULATION"

(Ballroom—Room A)

*Honorary Chairman:* H. DE WATTEVILLE, Professor of Gynecology and Obstetrics, Faculty of Medicine of Geneva, Geneva, Switzerland

*Chairman:* JUAN WOOD, Santiago, Chile

*Vice-Chairmen:* ERNESTO DE ARAGON, Havana, Cuba  
NORMANDO ARENAS, Buenos Aires, Argentina  
EVAN V. SHUTE, London, Ontario

*Honorary Secretary:* ELIPHALET WEIZBARD, Rishon-Le-Zion, Israel

*Secretary:* LEONARD F. CINER, New York, N. Y.

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1. Changes in Respiratory Physiology as a Criterion of Ovulation  
W. T. POMMERENKE, R. L. GOODLAND, and J. G. REYNOLDS, University of Rochester School of Medicine and Dentistry, Rochester, N. Y., U. S. A.  
*Discussants:* CARLOS NOUEL, Caracas, Venezuela  
SOMERS H. STURGIS, Boston, Mass., U. S. A.  
JOSE MEDINA, Sao Paulo, Brazil  
ALICE NETTER LAMBERT, Paris, France
  2. Culdoscopy in the Diagnosis of Ovulation and Ovum Migration  
ALBERT DECKER, Clinical Professor of Gynecology and Obstetrics, New York Polyclinic Medical School and Hospital; Associate Clinical Professor of Gynecology and Obstetrics, New York Medical College, New York, N. Y.

## TUESDAY

*Discussants:* RAOUL PALMER, Paris, France  
JOHN ROCK, Boston, Mass., U. S. A.  
MANUEL URRUTIA RUIZ, Mexico, D.F.

3. The Accuracy of Endometrial Dating: A Correlation of Endometrial Dating with Basal Body Temperature and Menses  
ROBERT W. NOYES and JOHN O. HAMAN, From the Department of Obstetrics and Gynecology, Stanford University School of Medicine, San Francisco, Cal., U. S. A.

*Discussants:* CHAUNCEY J. PATTEE, Montreal, Canada  
SAMUEL L. SIEGLER, Brooklyn, New York  
ALEJANDRO POU-DE-SANTIAGO, Montevideo, Uruguay  
G. TESAURO, Naples, Italy

4. Hormone Effects on Basal Body Temperatures and Menstrual Patterns

ROBERT M. PERLMAN, Director, Institute of Endocrinology and Gerontology, San Francisco, Cal., U. S. A.

*Discussants:* M. EDWARD DAVIS, Chicago, Ill., U. S. A.  
S. LEON ISRAEL, Philadelphia, Pa., U. S. A.

5. Correlation Between Vaginal Cytology and Basal Temperatures During the Menstrual Cycle

INES L. C. DE ALLENDE and O. ORIAS, The Mercedes and Martin Ferreyra Institute of Medical Research, Cordoba, Argentina

6. The Value of Basal Temperatures and Colpocyclogram in the Diagnosis of Ovulation

HECTOR ROCAMORA and F. LEON BLANCO, University of Havana, Havana, Cuba

Visit the Technical Exhibits on the Second Floor



## W E D N E S D A Y

8:30 A.M.

### Section VIII—"TREATMENT OF ANOVULATION"

(Ballroom—Room A)

*Honorary Chairman:* S. R. M. REYNOLDS, Department of Embryology, Carnegie Institution of Washington, Baltimore, Md., U. S. A.

*Chairman:* SOMERS H. STURGIS, Boston, Mass., U. S. A.

*Vice-Chairmen:* ZARE ARSLANIAN, Aleppo, Syria

C. L. JHAVERI, Bombay, India

HALIT KAMGOZEN, Ankara, Turkey

*Honorary Secretary:* LYMAN W. MASON, Denver, Colorado, U. S. A.

*Secretary:* THOMAS D. EFSTATION, Tiffin, Ohio, U. S. A.

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1. The Treatment of Female and Male Infertility by X-Ray Therapy

IRA I. KAPLAN, Clinical Professor of Radiology, N.Y.U.—Bellevue Medical Center, New York, N. Y.

*Discussant:* CHARLES MAZER, Philadelphia, Pa., U. S. A.

2. Further Studies on the Hormonal Changes Following Low Dosage Irradiation of Pituitary and Ovaries in Avulatory Women

ABRAHAM E. RAKOFF, Clinical Professor of Obstetric and Gynecologic Endocrinology, Jefferson Medical College, Philadelphia, Pa., U. S. A.

3. X-Ray Therapy in the Treatment of the Menstrual Anovulatory Cycle

ADOLFO JASSIN, Chief of Gynecology of the Regional's Institute of Endocrinology, Buenos Aires, Argentina

4. Anovulatory Cycles and Stimulant Roentgentherapy in 100 Peruvian Sterile Couples

JORGE ASCENZO, Chief of the Sterility Consultorio of the Lozada Clinic of Lima; Assistant Professor and Chief of Clinic of the Maternity School of Lima, Lima, Peru

5. Induction of Ovulation in Hirsute, Amenorrheic Women

ROBERT G. GREENBLATT, Professor of Endocrinology, Medical College of Georgia, Augusta, Ga., U. S. A.

6. The Gonadotropins in the Treatment of the Anovulatory Cycle
- CESAR A. BREA, Professor of Gynecology, University of Buenos Aires, Buenos Aires, Argentina

## W E D N E S D A Y

8:30 A.M.

### Section IX—"MALE THERAPEUTIC ASPECTS"

(Tudor Room—Room B)

*Honorary Chairman:* LEWIS MICHELSON, Emeritus Associate Professor of Clinical Urology, Stanford University School of Medicine, San Francisco, Cal., U. S. A.

*Chairman:* M. LEOPOLD BRODNY, Boston, Mass., U. S. A.

*Vice-Chairmen:* VICTOR CONILL SERRA, Barcelona, Spain  
G. HELLINGA, Amsterdam, Netherlands  
RICHARDT HAMMEN, Copenhagen, Denmark

*Honorary Secretary:* M. CARDIA, Lisbon, Portugal

*Secretary:* LOUIS PORTNOY, New York, N. Y.

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1. Diagnosis of the Blockage of the Epididymal Canal, the Vas and Ejaculatory Ducts

ARMANDO TRABUCCO, Alvear Polyclinic of Buenos Aires, Argentina

*Discussants:* VINCENT J. O'CONOR, Chicago, Ill., U. S. A.  
A. FIGUEIREDO BAENA, Rio de Janeiro, Brazil

2. Surgical Correction of Male Sterility

VINCENT J. O'CONOR, Professor and Head of the Department of Urology, Northwestern University Medical School, Chicago, Ill., U. S. A.

*Discussants:* ROBERT S. HOTCHKISS, New York, N. Y.  
LEWIS MICHELSON, San Francisco, California

3. Human Male Sterility due to Brucellosis: A Clinical, Histological and Hormonal Study in 16 Cases

FELIPE A. DE LA BALZE, Associate Professor, School of Medicine, University of Buenos Aires; and R. E. MANCINI, F. ARRILLAGA, G. E. BUR and E. A. MOLINELLI, of the School of Medicine, University of Buenos Aires, Argentina

4. Therapeutic Experiences in the Treatment of Delayed Male Puberty

D. ANDREANI, and C. CONTI, Clinica Medica, University of Pisa, Pisa, Italy

5. Testosterone Therapy in Male Infertility: Effect of Local Implantation and Intramuscular Injection

RICHARDT HAMMEN, Copenhagen, Denmark

## **W E D N E S D A Y**

6. The End Results of Testosterone Therapy (Rebound Phenomenon) as Observed by the Gynecologist

MORTIMER S. WEINSTEIN, Clinical Assistant Visiting Gynecologist and Obstetrician, Metropolitan Hospital, New York, N. Y.

7. Incidence of the Male Factor as the Cause of Marital Sterility in Peru

JORGE ASCENZO, Chief of the Consultorio-Service, Clinica Lozada, Lima, Peru

1:30 P.M.

### **Section IX-A—"SPECIAL MOTION PICTURE SESSION OF NEW DIAGNOSTIC TECHNIQUES AND TREATMENT"**

**(Ballroom—Room A)**

1:30 P.M.

#### **"RECENT ADVANCES IN DIAGNOSIS AND THERAPY OF INFERTILITY"**

**(Ballroom Foyers)**

An opportunity is offered on this afternoon to visit the scientific exhibits of the Congress at leisure and to discuss particular aspects of each exhibit with demonstrators at the exhibit stands.

1:30 P.M.

#### **"NEW INSTRUMENTS, BOOKS, MEDICAMENTS AND PHARMACEUTICALS IN STERILITY PRACTICE"**

**(Second Floor Corridors)**

An opportunity to visit with the technical exhibitors who are displaying the latest apparatuses, technical aids, drugs and other items related to sterility practice, is provided. It is suggested that adequate time be allotted from your busy schedule at the Congress to visit these technical shows to be informed of the latest advances from the technical aspect of sterility and fertility. These exhibitors have been carefully selected and invited to participate in the Congress, so that you may see, collected together, in a few moments, what would take hours of visiting elsewhere.



## WEDNESDAY NIGHT

8:30 P.M.

### Section X—"THE HOSTILE CERVIX"

(Ballroom—Room A)

*Honorary Chairman:* W. T. POMMERENKE, Associate Professor of Obstetrics and Gynecology, University of Rochester School of Medicine and Dentistry, Rochester, N. Y.; National Secretary for the United States of America to the International Fertility Association

*Chairman:* J. P. GREENHILL, Chicago, Ill., U. S. A.

*Vice-Chairman:* J. FERIN, Louvain, Belgium  
DEBORA JOFFE, Johannesburg, Union of South Africa  
G. I. M. SWYER, London, England

*Honorary Secretary:* DELFINO GALLO, Guadalajara, Mexico

*Secretary:* WILLIAM T. BLACK, Memphis, Tenn., U. S. A.

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#### 1. The Role of Endocervicitis in Sterility

RANDOLPH GEPFERT, Assistant Professor of Clinical Obstetrics and Gynecology, Cornell University Medical College; Associate Attending Obstetrician and Gynecologist, New York Lying-In Hospital

*Discussants:* DONATO RAMIREZ, Mexico, D.F.  
MARGARET MOORE WHITE, London, England

#### 2. Surgical Treatment of Cervical Sterility

RAUL M. CHEVALIER, Chief of the Sterility Center, Faculty of Medical Sciences of Buenos Aires; Attending Physician, Hospital of Clinicas, Buenos Aires, Argentina; and JOSE M.E. MEZZADRA, Associate Professor of Gynecology, University of Buenos Aires; Sub-Chief of the Sterility Center, Faculty of Medical Sciences, Buenos Aires, Argentina

*Discussants:* LUIS GOMEZ-DAZA, Mexico, D.F.  
JULIO M. MORALES, Asuncion, Paraguay  
AURELIO MONTEIRO, Rio de Janeiro, Brazil

#### 3. Post-Coital Examination: Its Value and Interpretation

RAOUL PALMER, Chief of Gynecology, Faculty of Medicine, Paris, France; and ELISABETH PALMER, Paris, France

*Discussants:* JOSE GONZALEZ GUERRERO, San Salvador, El Salvador  
JOSE NEMIROVSKY, San Paulo, Brazil  
LUIS RODRIGUEZ VILLA, Mexico, D.F.

## WEDNESDAY NIGHT

4. The Crystallization Phenomena of the Cervical Mucus: Observations with the Phase Contrast Microscope  
A. CAMPOS DA PAZ JR., Vice-President of the International Fertility Association, President of the Brazilian Society for the Study of Sterility, Rio de Janeiro, Brazil; and L. COSTA LIMA, Titular Member of the Brazilian Society for the Study of Sterility, Rio de Janeiro, Brazil  
*Discussants:* B. BELONOSCHKIN, Stockholm, Sweden  
FRANCE MORICARD, Paris, France  
MAXWELL ROLAND, New York, N. Y.
5. Our Experience with the Crystallization Test of the Cervical Mucus  
CARLOS NOUEL, Assistant Professor of Clinical Obstetrics, Central University of Venezuela, Caracas, Venezuela
6. Contribution to the Study of the Cervical Mucus in Sterility  
R. GANDOLFO HERRERA, Professor of Gynecology, Universities of Buenos Aires and Eva Peron; and VICENTE LUIS BEARZI, Head of Sterility Center of Eva Peron University, Head of Gynecology Service of Phthisiology Institute, Buenos Aires, Argentina
7. Some Results in Cervical Mucus Crystallization  
ALEJANDRO POU-DE-SANTIAGO, Assistant at the Gynecology and Obstetric Clinica, Gynecologist of the Institute of Endocrinology, Montevideo, Uruguay
8. Cytologic Cycle of the Endocervical Mucus  
AMALIA ERNST, and ALBERTO GUZMAN, From the Department of Obstetrics and Gynecology, University of Chile, Santiago, Chile
9. Spermatic Findings in the Post-coital Cervical Contents  
LUIS RODRIGUEZ VILLA, Professor of Clinical Pathology of the Post-Graduate School of the National University of Mexico, Mexico, D.F.

## THURSDAY

8:30 A.M.

### Section XI—"BLOOD INCOMPATIBILITY AND FERTILITY"

(Ballroom—Room A)

*Honorary Chairman:* EDWIN M. ROBERTSON, Professor and Head of the Department of Obstetrics and Gynecology, School of Medicine, Queen's University, Kingston, Ontario, Canada

*Chairman:* CARL E. JOHNSON, New Haven, Conn., U.S.A.

*Vice-Chairmen:* JORGE ASCENZO, Lima, Peru  
LORNA LLOYD-GREEN, Melbourne, Australia  
ABELARDO SALAS G., Monterrey, Mexico

*Honorary Secretary:* MAKOTO TAYA, Tokyo, Japan

*Secretary:* RICHARD A. STREET JR., Vicksburg, Miss., U. S. A.

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1. Treatment of the Pregnant Woman "Iso-sensitized" to the Rh Factors

MANUEL LUIS PEREZ, Professor of Clinical Obstetrics of the School of Medicine, University of Buenos Aires, Argentina

*Discussants:* OSCAR AGUERO, Caracas, Venezuela  
J. MILTON SINGLETON, Kansas City, Mo., U.S.A.  
RAUL BRIQUET, San Paulo, Brazil

2. Is there a relationship Between Spontaneous Abortion and Blood Factors?

HARRY WALLERSTEIN, Attending in Hematology, Jewish Memorial Hospital; Consultant Hematologist, Morrisania City Hospital, New York, N. Y.

3. A-B-O Blood Groups and Rh Subtypes in Sensitized and Non-Sensitized Rh-negative Pregnant Women

ALEXANDER S. WIENER, Division of Immunohematology of the Jewish Hospital of Brooklyn, N. Y.; RAFFAELE NAPPI, the Clinica Ostetrica e Ginecologia Universita di Napoli (Direttore, Prof. G. Tesauro); and EVE B. GORDON, of the Serological Laboratory of the Office of the Chief Medical Examiner of the City of New York

4. Rh Factor and Double Fetal Malformations

JACOBO ROSENVASSER and MIGUEL MARGULIES, Buenos Aires, Argentina



## THURSDAY

10:45 A.M.

### Section XII—"PERINATAL MORTALITY"

(Ballroom—Room A)

*Honorary Chairman:* EDMUNDO MURRAY, Docent Libre in Gynecology, University of Buenos Aires; President, Argentine Society for the Study of Sterility, Buenos Aires, Argentina

*Chairman:* SAMUEL M. DODEK, Washington, D. C., U.S.A.

*Vice-Chairmen:* RONALD M. ALDER, Melbourne, Australia  
RODULFO CAMERO, Bogota, Colombia  
LIVIA ESCALONA, Caracas, Venezuela

*Honorary Secretary:* J. LAVERGNE, Panama City, Panama

*Secretary:* S. S. ROSENFELD, New York, N. Y.

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#### 1. Causes of Perinatal Deaths

PEDRO A. GUTIERREZ ALFARO, Ministro de Sanidad y Asistencia Publica, Republic of Venezuela; Chief Obstetrician, Concepción Palacios Maternity, Caracas, Venezuela

*Discussant:* JORGE ASCENZO, Lima, Peru

#### 2. Perinatal Death

J. M. MONIZ ARAGAO, Hospital Pro Matre, Rio de Janeiro, Brazil, H. FRANC DE FARIA, Rio de Janeiro, Brazil

#### 3. Mortality in Prematurity

GUILHERME DE FREITAS PENTEADO and LUIZ ALFREDO CORREA DA COSTA, Rio de Janeiro, Brazil

#### 4. Fetal Morbidity and Mortality in Obstetrical Analgesia: A Study of the Relative Value of the Combination of Mepiridine (Demerol), Scopolamine, "Trilene" and Pudendal Block

LUIZ DE FREITAS GUIMARAENSE, JR., Head of the Obstetrical and Gynecological Department of the Polyclinic Hospital of Botafogo, Rio de Janeiro, Brazil

#### 5. Social Factors Causing Prematurity

S. DEXEUS FONT, Director of the Provincial Maternity Hospital of Barcelona, Barcelona, Spain

8:30 A.M.

**Section XIII—"PELVIC TUBERCULOSIS AND INFERTILITY"**

**(Tudor Room—Room B)**

*Honorary Chairman:* I. C. RUBIN, Consulting Gynecologist  
Mount Sinai Hospital, New York, N. Y.

*Chairman:* ALBERT SHARMAN, Glasgow, Scotland

*Vice-Chairmen:* TOMAS ARMSTRONG, Havana, Cuba  
GUSTAVO ISAZA MEJIA, Medellin, Colombia  
OSBERTO ROSALES M., Guatemala City,  
Guatemala

*Honorary Secretary:* JUAN A. NUNEZ, Colon, Panama

*Secretary:* CHARLES R. FREED, Denver, Colorado, U.S.A.

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1. The Importance of the Specific Cultures of Uterine and Vaginal Discharges in the Detection of Genital Tuberculosis in Sterile Women

I. HALBRECHT, Director, Maternity Hospital, Hadera, Israel;  
Chairman, Board of Directors Postgraduate Medical School  
of the Kupat Holim, Hadera, Israel

*Discussants:* I. C. RUBIN, New York, N. Y.  
MARGARET MOORE WHITE, London, England

2. The Diagnosis of Tubal Tuberculosis with Special Reference to X-Ray Diagnosis

SAMUEL ROZIN, Consultant, Obstetrical and Gynecological  
Department, Hadassah University Hospital, Jerusalem, Israel

*Discussants:* ARISTOBULO CARRIZO, Panama City, Panama

KANJI KIKI, Sendai, Japan  
JUAN WOOD, Santiago, Chile

3. Tuberculosis of the Female Genitalia Related to Fertility

KANJI KIKI, Assistant Professor of Obstetrics and Gynecology,  
School of Medicine, Sendai, Honshu, Japan

*Discussant:* GEORGE BLINICK, New York, N. Y.

4. The Problem of Sterility in Female Genital Tuberculosis

ARTURO ACHARD, Docent Libre in Gynecology and Obstetrics of the Faculty of Medicine; Medical Chief of the Service of Gynecology and Obstetrics for Tuberculosis, Montevideo, Uruguay

## THURSDAY

### 5. The Diagnosis of Tubal Tuberculosis

MARGARET MOORE WHITE, Gynecologist to Fertility Department, Royal Free Hospital, London, England

### 6. The Non-Surgical Treatment of Pelvic Tuberculosis

LINTON MORRIS SNAITH, Senior Obstetrician and Gynecologist, Newcastle General Hospital; Lecturer in the Department of Obstetrics and Gynecology, King's College, University of Durham, Newcastle, England

1:30 P.M.

## Section XIV—"DIAGNOSIS OF FALLOPIAN TUBE OCCLUSION"

(Ballroom—Room A)

*Honorary Chairman:* ARNALDO DE MORAES, Professor of Gynecology and Head of the Department, University of Brazil; Director, Institute of Endocrine Gynecology, Rio de Janeiro, Brazil

*Chairman:* PENDLETON TOMPKINS, San Francisco, Cal., U. S. A.

*Vice-Chairmen:* FRANCISCO LUQUE, Madrid, Spain  
JULIO M. MORALES, Asuncion, Paraguay  
CARLOS NOUEL, Caracas, Venezuela

*Honorary Secretary:* ARISTOBULO CARRIZO V., Panama City, Panama

*Secretary:* GEORGE SPECK, Arlington, Va., U. S. A.

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### 1. Interpretation of Manometric Oscillation Observed During Uterotubal Insufflation

AMERICO STABILE, Titular Professor of Obstetrics and Gynecology of the Faculty of Medicine, Montevideo, Uruguay

*Discussants:* L. BONNET, Paris, France  
EDUARDO BUNSTER, Santiago, Chile  
I. C. RUBIN, New York, N. Y.

### 2. Tubo-ovarian Physiology: Further Observations by Culdotomy

JOSEPH B. DOYLE, Department of Obstetrics, Tufts Medical School, Boston, Mass., U. S. A.

*Discussants:* CHARLES L. BUXTON, New York, N. Y.  
AXEL WESTMAN, Stockholm, Sweden



## 3. Uterotubal Dynamics

CARLOS D. GUERRERO, Professor of Gynecology, Medical and Postgraduate Schools, National University of Mexico; Gynecologist in Charge of Fertility Clinic, Hospital of Gynecology in the "Mexican Institute of Social Security"—Mexico, D.F.

*Discussants:* CLARICE AMARAL FERREIRA, Rio de Janeiro, Brazil

PEDRO A. FIGUEROA CASAS, Rosario, Argentina

J. P. GREENHILL, Chicago, Ill., U. S. A.

## 4. The Volumetric Index of Uterotubal Insufflation

OSCAR BLANCHARD, Associate Professor of Clinical Gynecology, University of Buenos Aires; Chief of the Gynecology Clinic of the J. Fernandez Polyclinic Hospital, Buenos Aires, Argentina; and RAUL PARKS, Buenos Aires, Argentina

*Discussants:* I. C. RUBIN, New York, N. Y.

CLAUDE BECLERE, Paris, France

## 5. Applications of an Experimental Study for the Interpretation of the Tracings of Kymographic Insufflation

LOUIS BONNET, Former Chief of the Clinic of the Faculty of Medicine, Paris, France

## 6. Uterotubal Insufflation in Normal and Induced Cycles

EDUARDO BUNSTER and LILA CORONEL, Gynecology Clinic, Salvador Hospital, Santiago, Chile

## 7. Pathology of Tubal Occlusion

EDMUNDO G. MURRAY, Docente Libre in Gynecology, University of Buenos Aires; President of the Argentine Society for the Study of Sterility, Buenos Aires, Argentina

## 8. A New Method of Exploring the Function of the Fallopian Tubes

VICTOR CONILL-SERRA, Associate Professor of Obstetrics and Gynecology of the Faculty of Medicine of Barcelona, Barcelona, Spain

## 9. Contribution to the Diagnosis of Tubal Occlusion

ALCIDES SENRA and ALTAMIRO VIANA, Rio de Janeiro, Brazil

## THURSDAY

1:30 P.M.

### Section XV—"PROBLEMS IN REPRODUCTION" (Animal)

(Tudor Room—Room B)

*Honorary Chairman:* M. G. FINCHER, Department of Medicine and Obstetrics, New York State Veterinary College, Cornell University, Ithaca, N. Y., U. S. A.

*Chairman:* JOHN MACLEOD, New York, N. Y.

*Vice-Chairman:* ANTONIO MIES FILHO, Campo Grande, Brazil

*Honorary Secretary:* L. V. D. SLUIS, Leeuwarden, Netherlands

*Secretary:* C. A. V. BARKER, Guelph, Ontario, Canada

- 
1. Canine and Bovine Ovarian Neoplasms  
KENNETH McENTEE, Department of Pathology, New York State Veterinary College, Ithaca, N. Y.; and C. P. ZEPP JR., Zepp Animal Hospital, New York, N. Y.  
*Discussant:* PETER OLAFSON, Ithaca, N. Y.
  2. Testicular Biopsies (Illustrated with film)  
C. A. V. BARKER, Ontario Veterinary College, Guelph, Ontario, Canada  
*Discussant:* S. J. ROBERTS, Ithaca, N. Y.
  3. The Quality of Semen of Bulls in Relation to the Number of Ejaculations  
VICENTE DE PAULO GRACA and ANTONIO MIES FILHO, Institute of Zootechnics, of the Ministry of Agriculture, Campo Grande, Brazil  
*Discussant:* R. W. BRATTON, Ithaca, N. Y.
  4. Factors of Male Fertility and Actual Methods for its Objective Estimation  
T. BONADONNA, Professor and Director of the "Lazzaro Spallanzani" Institute for Artificial Insemination, Milan, Italy
  5. Occurrence of Bovine Venereal Trichomoniasis in Bulls Employed in Artificial Insemination  
DAVID E. BARTLETT, American Breeders Service, Chicago, Ill., U. S. A.  
*Discussant:* WAYNE BINNS, Logan, Utah

## THURSDAY

6. Low Temperature Storage of Bull Semen in England  
L. E. ROWSON, Cambridge and District Cattle Breeders Ltd.,  
The Gravel Pits, Cambridge, England
7. Studies with Frozen Semen in the United States  
E. L. WILLETT and HENRY DUNN, American Foundation  
for the Study of Genetics, Madison, Wisconsin  
*Discussants for Papers 6 and 7:*  
J. A. HENDERSON, Guelph, Ontario, Canada  
JOHN MACLEOD, New York, N. Y.

*Program to be continued tomorrow morning*

Official Banquet, Thursday Evening May 28th, 1953.

Tickets may be obtained now at the Registration desk.

Dress Optional

Hotel Commodore

Grand Ball Room



# THURSDAY NIGHT

## OFFICIAL BANQUET

GRAND BALL ROOM—HOTEL COMMODORE

NEW YORK CITY

Thursday, May 28, 1953, 7 P.M.

JOHN O. HAMAN, M.D.

*Chairman, Sub-committee for the Banquet*

JOHN MACLEOD, PH.D.

*Sub-Chairman*

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## GUESTS

DR. PEDRO A. GUTIERREZ ALFARO

Ministro de Sanidad and Asistencia Publica

Republic of Venezuela

DR. JOHN F. MAHONEY

Commissioner of Health of the City of New York

DR. MARCUS D. KOGEL

Commissioner of Hospitals of the City of New York

*Music by Leo Dryer  
and his orchestra*

*Dress Optional*

8:30 A.M.

**Section XVI—"PROBLEMS IN REPRODUCTION" (Animal)**

*This Section is a continuation of Section XV begun on the previous day. The same Board of Officers will continue to conduct this session.*

**(Tudor Room—Room B)**

1. Experiences With Sterility in Cattle  
L. V. D. SLUIS, Health Service for Cattle, Leeuwarden, Netherlands  
*Discussant:* S. J. ROBERTS, Ithaca, N. Y.
2. Mucus  
H. E. KINGMAN, Wyoming Hereford Ranch, Cheyenne, Wyoming, U. S. A.  
*General Discussion*
3. The Association of Vibrio Fetus Infection in Cattle with Infertility  
J. R. LAWSON, Ministry of Agriculture and Fisheries, Veterinary Laboratory, Waybridge, England
4. The Diagnosis of Bovine Vibriosis  
D. E. HUGHES and H. L. GILMAN, Department of Bacteriology, New York State Veterinary College, Cornell University, Ithaca, N. Y.  
*Discussants for Papers 3 and 4:*  
KENNETH McENTEE, Ithaca, N. Y.  
A. H. FRANK, Beltsville, Maryland, U. S. A.

*General Discussion*

Closing and Summation of Program

8:30 A.M.

**Section XVII—"TREATMENT OF DISORDERED AND OCCLUDED FALLOPIAN TUBES"**

**(Ballroom—Room A)**

*Honorary Chairman:* JUAN JOSE CROTTOGINI, Professor of Gynecology and Obstetrics, Faculty of Medicine, Montevideo, Uruguay

*Chairman:* B. BERNARD WEINSTEIN, New Orleans, La., U.S.A.

## FRIDAY

*Vice-Chairmen:* ALVARO DE AQUINO SALLES, Rio de Janeiro, Brazil

EDUARDO BUNSTER, Santiago, Chile

RAUL CHEVALIER, Buenos Aires, Argentina

*Honorary Secretary:* DARIO SIERRA, Medellin, Colombia

*Secretary:* JOSEPH N. SEITCHIK, Philadelphia, Pa., U.S.A.

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1. The Value of Insufflation in the Diagnosis and Therapy of Sterility

MARIOS TRITOFTIDES, Obstetrical and Gynecological Surgical Clinic, Limassol, Cyprus

2. The Value of Uterotubal Insufflation in the Treatment of Tubal Obstruction to Ovular Migration

I. C. RUBIN, Consulting Gynecologist, Mount Sinai Hospital, New York, N. Y.

*Discussants:* F. MORICARD, Paris, France

DONATO RAMIREZ, Mexico, D.F.

ERNEST NAVRATIL, Vienna, Austria

PENDLETON TOMPKINS, San Francisco, Cal., U. S. A.

3. Pregnancy in Sterility Cases Following Combined Gas-Oil-Gas (Gynographic Survey) into the Uterotubal Tract Instillations

ABNER I. WEISMAN, Gynecologist and Obstetrician to the Metropolitan Hospital, Associate in Gynecology and Obstetrics, New York Medical College, Flower and Fifth Avenue Hospitals.

*Discussants:* NORMANDO ARENAS, Buenos Aires, Argentina

JOSE GONZALEZ GUERRERO, San Salvador, El Salvador

ALLAN PALMER, San Francisco, Cal., U.S.A.

4. "Ethiodan"—as a Contrast Medium for Uterosalphingography

MARGARET HADLEY JACKSON, Medical Officer to the Infertility Clinic of Exeter, Devon, England

5. The Use of a Radiopaque and Bacteriostatic Mixture for X-Ray diagnosis in the Study of Female Sterility

ANTONIO KARCZMAR, Member of the Staff, American-British Cowdray Hospital, Mexico, D.F.

6. Polyethylene in Tuboplastic Procedures

JOHN ROCK, Senior Surgeon and Director of Fertility and Endocrine Clinic, Free Hospital for Women; Clinical Professor of Gynecology, Harvard Medical School, Boston, Mass., U.S.A.; and WILLIAM J. MULLIGAN and CHARLES EASTERDAY, Associate Surgeons, Free Hospital for Women, Boston, Mass., U.S.A.



## FRIDAY

*Discussants:* LOUIS M. HELLMAN, New York, N. Y.

MARIO A. CASTALLO, Philadelphia, Pa.

ABNER I. WEISMAN, New York, N. Y.

7. A New and Efficient Technic of Partial Salpingectomy in the Cure of Sterility

MANUEL B. RODRIGUEZ LOPEZ, Professor of Clinical Gynecology and Obstetrics, Faculty of Medicine, Montevideo, Uruguay

8. Results of Tubal Surgery in 200 cases of Closure

RAOUL PALMER, Chief of Gynecology, Faculty of Medicine, Paris, France

9. Plastic Rings to Retain the Patency of a Newly Formed Tubal Ostium

EDWARD KAHN, Chief of the Sterility Clinic, Department of Obstetrics and Gynecology, Sydenham Hospital, New York, N. Y.

1:30 P.M.

### Section XVIII—"UTERINE AND PELVIC PHYSIO-PATHOLOGY"

#### (Ballroom—Room A)

*Honorary Chairman:* CLAUDE BECLERE, Ancien Chief of Gynecology Clinic of the Faculty of Medicine, Paris, France

*Chairman:* MANUEL B. RODRIGUEZ LOPEZ, Montevideo, Uruguay

*Vice-Chairmen:* JOSE MEDINA, San Paulo, Brazil

PETER BISHOP, London, England

EDWIN M. ROBERTSON, Kingston, Ontario, Canada

*Honorary Secretary:* CARLOS COLMEIRO LAFORET, Vigo, Spain

*Secretary:* CHARLES O. McCORMICK, Indianapolis, Indiana, U. S. A.

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1. Physiopathology of Nidation

OCTAVIO RODRIGUES LIMA, Professor of Obstetrics, University of Brazil, Rio de Janeiro

*Discussants:* I. HALBRECHT, Hadera, Israel

HECTOR ROCAMORA, Havana, Cuba

CHARLES STEVENSON, Detroit, Michigan, U. S. A.

## FRIDAY

2. Observations on the Origin and Specific Function of the Histocytes in the Female Genital Tract

GEORGE N. PAPANICOLAOU, Department of Anatomy,  
Cornell University Medical College, New York, N. Y.

*Discussant:* JOHN W. HUFFMAN, Chicago, Ill., U. S. A.

3. Pelvic Congestion and Fertility

JUAN JOSE CROTTOGINI, Professor of Obstetrics and  
Gynecology, Faculty of Medicine, Montevideo, Uruguay

*Discussants:* EDUARDO BUNSTER, Santiago, Chile

HOWARD C. TAYLOR, New York, N. Y.

RAFAEL SALINAS RIVERO, Monterrey, Mexico

4. Studies of the Contractility of the Pregnant Uterus

H. ALVAREZ, Associate Professor of Obstetrics and Gynecology, Faculty of Medicine; Head of the Department of Obstetrics and Gynecology, Hospital Pasteur, Montevideo, Uruguay; and R. CALDEYRO-BARCIA, Associate Professor of Physiology, Faculty of Medicine, Montevideo, Uruguay

*Discussants:* CARL T. JAVERT, New York, N. Y.

J. LAVERGNE, Panama City, Panama

5. Comparative Study on Phosphatases and Glycogen in the Human Uterine Mucus

FRANCE MARIE MORICARD, In Charge of Endocrine Consultation of the Gynecology Clinic, Hopital Broca, Paris, France

*Discussants:* VICTOR CONHILL SERRA, Barcelona, Spain

W. T. POMMERNKE, Rochester, N. Y.

AMALIA ERNST, Santiago, Chile

ROBERTO VAZQUEZ PALLARES, Guadalajara, Mexico

6. Studies on the Metrial Gland

BRUNO ALIPIO LOBO, Professor of Histology and Embryology, Rural University of Brazil, Rio de Janeiro, Brazil

*Discussants:* GABRIEL ALVAREZ, Mexico, D.F.

GILBERT DOUGLAS, Birmingham, Alabama, U. S. A.

7. Effect of Presacral Nerve Excitation on the Contractility of the Human Uterus

R. CALDEYRO-BARCIA, and H. ALVAREZ, Faculty of Medicine, Montevideo, Uruguay

1:30 P.M.

**Section XIX—"PSYCHOGENIC ASPECTS OF THE  
INFERTILE COUPLE"**

**(Tudor Room—Room B)**

*Honorary Chairman:* ANTONIO CLAVERO NUNEZ, Director  
of the Spanish Revista of Obstetrics and Gynecology; Mater-  
nólogo de la Sanidad Nacional, Barcelona, Spain

*Chairman:* ALAN F. GUTTMACHER, New York

*Vice-Chairman:* PEDRO FIGUEROA CASAS, Rosario, Argentina  
YVONNE Y.G. SYLVAIN, Port-Au-Prince, Haïta  
EDMA ABOUCHDID, Lebanon, Syria

*Honorary Secretary:* RAFAELE NAPPI, Naples, Italy

*Secretary:* J. JAY ROMMER, Newark, N. J., U.S.A.

1. A Tubal Factor in Functional Sterility of Women  
BORIS B. RUBENSTEIN, Michael Reese Hospital, Chicago,  
Ill., U.S.A.

*Discussants:* ANTONIO CLAVERO NUNEZ, Barcelona,  
Spain

OSBERTO ROSALES M., Guatemala City, Guatemala

A. HERBERT MARBACH, Philadelphia, Pa., U.S.A.

2. A Psychodynamic Approach to the Study of Infertility  
E. S. C. FORD, Instructor in Psychiatry; I. FORMAN, Asso-  
ciate Professor of Obstetrics and Gynecology; J. R. WILL-  
SON, Professor and Head of the Department of Obstetrics  
and Gynecology and with the collaboration of other workers  
of the Temple University Hospital, Philadelphia, Pa.

3. Psychogenic Factors in Sterility  
IRVING C. FISCHER, Mount Sinai Hospital, New York, N. Y.

4. Fear and Voluntary Sterility Following Cesarean Operation  
SANTIAGO DEXEUS FONT, Director of the Provincial Ma-  
ternity Hospital, Barcelona, Spain

5. Psychogenic Amenorrhoea  
JOSE NEMIROVSKY, Gynecologist and Obstetrician, San  
Paulo, Brazil



## FRIDAY

8:30 P.M.

### Section XX—"HUMAN ARTIFICIAL INSEMINATION"

(Ballroom—Room A)

*Honorary Chairman:* ABRAHAM STONE, Director, Margaret Sanger Research Bureau, New York, N. Y.

*Chairman:* KARL BURGER, Wurzberg, Germany

*Vice-Chairmen:* A. CLAVERO NUNEZ, Barcelona, Spain

K. ANDO, Tokyo, Japan

MARGARET HADLEY JACKSON, Crediton, Devon, England

*Honorary Secretary:* WILSON G. MCKAY, Oshawa, Ontario, Canada

*Secretary:* DANIEL B. ROTH, Teaneck, N. J., U.S.A.

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#### 1. Legal Aspects of Artificial Insemination

SIDNEY B. SCHATKIN, Assistant Corporation Counsel, City of New York

*Discussant:* NICOLAO DINO DE CASTRO COSTA, Rio de Janeiro, Brazil

#### 2. Therapeutic Donor Insemination

SOPHIA J. KLEEGMAN, Associate Clinical Professor, Obstetrics and Gynecology, N. Y. University College of Medicine, New York, N. Y.

*Discussants:* ERNESTO R. DeARAGON, Havana, Cuba

I. HALBRECHT, Hadera, Israel

PAUL TOPKINS, New York, N. Y.

MANUEL MATEOS FOURNIER, Mexico, D.F.

#### 3. Retention of Fertilization Capacity of Human Spermatozoa Stored at Low Temperature with Antibiotics

ALVARO DE AQUINO SALLES, Director of the Clinical Division of the Institute of Gynecology of the University of Brazil; and MARIO A. DE CENZO, Chief of the Laboratory Staff of the Polyclinic of Botafogo, Rio de Janeiro, Brazil

*Discussants:* EDMOND J. FARRIS, Philadelphia, Pa.

CARL G. HARTMAN, Raritan, N. J.

ABNER I. WEISMAN, New York

## FRIDAY

4. The Day of Ovulation as Indicated by 66 Conceptions Following Artificial Insemination  
DOUGLAS P. MURPHY, University of Pennsylvania; and  
EDMOND J. FARRIS, The Wistra Institute of Anatomy,  
Philadelphia, Pa.  
*Discussants:* LOUIS L. FREIDMAN, St. Paul, Minn., U.S.A.  
DANIEL B. ROTH, Teaneck, N. J., U. S. A.
5. The General Situation of Artificial Insemination at the Clinic of the Keio University Hospital, Tokyo, Japan  
KAKUICHI ANDO, Director of the Gynecology and Obstetrics Department, Keio University School of Medicine, Tokyo, Japan
6. Fertility as Evaluated by Artificial Insemination  
SHELDON PAYNE and ROBERT F. SKEELS, Shelton Clinic, Los Angeles, Cal.

Transactions may be ordered at the Congress at the pre-publication price of \$21.00. Only a limited edition will be published. Be sure to order your copy *now*. Since meetings are being held simultaneously, it will be physically impossible to hear everything that is being presented at the Congress.

## SATURDAY

8:30 A.M.

### Section XXI—"DIAGNOSIS AND TREATMENT OF STERILITY OF UTERINE ORIGIN"

(Ballroom—Room A)

*Honorary Chairman:* ERNESTO R. DE ARAGON, Professor of Obstetrics and Gynecology, National University of Havana, Havana, Cuba

*Chairman:* LINTON MORRIS SNAITH, Newcastle, England

*Vice-Chairmen:* ALFONSO ALVAREZ-BRAVO, Mexico, D.F.

R. MORICARD, Paris, France

LESLIE W. GLEADELL, Melbourne, Australia

*Honorary Secretary:* ALEJANDRO POU-DE-SANTIAGO, Montevideo, Uruguay

*Secretary:* FRANCIS M. INGERSOLL, Boston, Mass., U. S. A.

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#### 1. Hypoplasia of the Uterus: Diagnosis and Treatment

JUAN CARLOS AHUMADA, Titular Professor of Gynecology, University of Buenos Aires; Chief of the Gynecology Service Hospital of Clinicas, Buenos Aires, Argentina; and RAUL M. CHEVALIER, Chief of the Sterility Center, Buenos Aires, Argentina

*Discussant:* JOSE MEDINA, San Paulo, Brazil

#### 2. A Preliminary Series of Cases of Uterine Hypoplasia Treated by Local Injection of an Estrogen Emulsion

CEDRIC LANE-ROBERTS, Gynecologist to Philip Hill Parenthood Centre, Royal Northern Hospital, London, England

*Discussant:* KARL J. KARNAKY, Houston, Texas

#### 3. A Method of Studying the Uterine Canal by Hysteroscopic Examination

W. B. NORMENT, Surgeon, Wesley Long Hospital, Greensboro, N. C., U. S. A.

*Discussant:* MAXWELL B. ROLAND, New York, N. Y.

#### 4. Hysterography in the Diagnosis of Sterility

CLAUDE BECLERE, Ancien Chief of the Gynecology Clinic, Faculty of Medicine, Paris, France

*Discussants:* JOSE NEMIROVSKY, San Paulo, Brazil

ABNER I. WEISMAN, New York, N. Y.



5. Fibromyomata Uteri and Sterility

ALFONSO ALVAREZ-BRAVO, Professor of Clinical Abdominal Surgery, University of Mexico School of Medicine; Chairman of the Gynecological Department of the Spanish Hospital of Mexico, Mexico, D.F.

*Discussants:* JUAN JOSE CROTTIGINI, Montevideo, Uruguay

LICINIO DUTRA, San Paulo, Brazil

EDWARD SOLOMONS, Dublin, Ireland

6. Results of the Strassman Metroplasty in Habitual Abortion due to Congenital Malformation

JOSEPH A. SCHOCKAERT, Professor of Gynecology and Obstetrics, University of Louvain, Louvain, Belgium

*Discussant:* ERWIN O. STRASSMAN, Houston, Texas

7. Endometrial Aspiration Smears in the Study of Infertility

GEORGE H. ROMBERG, Director of Fertility Clinic, Gynecologic Outpatient Department, Hospital for Joint Diseases, New York, N. Y.

8. The Role of Genital Displacement in Female Sterility

FRANCISCO LUQUE, Madrid, Spain

8:30 A.M.

**Section XXII—"PROBLEMS OF CHILD ADOPTION"**

**(Tudor Room—Room B)**

*Honorary Chairman:* KAKUICHI ANDO, Director of the Department of Gynecology and Obstetrics, Keio University School of Medicine, Tokyo, Japan

*Chairman:* J. GARCIA ORCOYEN, Madrid, Spain

*Vice-Chairmen:* A. MOURAO FILHO, Rio de Janeiro, Brazil

DAPHNE CHUN, Hong Kong, China

ARTHUR APARICIO JARAMILLO, Bogota, Colombia

*Honorary Secretary:* ARTURO ACHARD, Montevideo, Uruguay

*Secretary:* DANIEL B. ROTH, Teaneck, N. J., U.S.A.

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1. Introductory Remarks

ABNER I. WEISMAN, Chairman, Committee on Arrangements, World Congress

## SATURDAY

2. Indications for Child Adoption  
HANS LEHFELDT, Lenox Hill Hospital and Beth David Hospital, New York, N. Y.
3. The Role of the Recognized Adoption Agency in Child Adoption  
FLORENCE G. BROWN, Executive Director, Free Synagogue Child Adoption Committee, New York, N. Y.
4. The Role of the Physician in Child Adoptions  
FRED B. KYGER, Chief Obstetrician, Fairmount Maternity Hospital, Kansas City, Mo., U.S.A.
5. Child Adoption from the Viewpoint of a Psychiatrist  
WILLIAM E. SORREL, Associate Attending Neuropsychiatrist and Chief of Clinical Psychiatry, Jewish Memorial Hospital, New York, N. Y.
6. Child Adoption in China  
DAPHNE CHUN, Queen Mary Hospital, Hong Kong
7. Fertility After Child Adoption  
WILLIAM S. KROGER, Assistant Clinical Professor of Obstetrics and Gynecology, Chicago Medical School, Chicago, Ill., U.S.A.
8. Adoption or Donor Artificial Insemination?  
MARGARET HADLEY JACKSON, Medical Officer to Infertility Clinic at the Royal Devon and Exeter Hospital, Crediton, Devon, England

1:30 P.M.

### Section XXIII—"THREATENED AND HABITUAL ABORTION"

(Ballroom—Room A)

*Honorary Chairmen:* OCTAVIO RODRIGUES LIMA, Professor of Obstetrics, University of Brazil, Rio de Janeiro, Brazil

*Chairman:* I. HALBRECHT, Hadera, Israel

*Vice-Chairmen:* EDWARD SOLOMONS, Dublin, Ireland  
FRANCE MARIE MORICARD, Paris, France  
TOMAS ARMSTRON, Havana, Cuba

*Honorary Secretary:* JOSE GONZALEZ GUERRERO, San Salvador, El Salvador

*Secretary:* M. M. BRAUNSTEIN, Montreal, Canada

## SATURDAY

1. The Effect of Artificial Abortion on Fertility  
JOSEPH G. ASHERMAN, Director, Women's Hospital Tel-Aviv, Israel  
*Discussants:* ARTHUR FIRST, Philadelphia, Pa.  
KATHLEEN M. D. HARDING, London, England
2. Treatment of Habitual Abortion  
JORGE DE REZENDE, Professor of Obstetrics, School of Medicine and Surgery, Rio de Janeiro, Brazil  
*Discussants:* HERBERT S. KUPPERMAN, New York, N. Y.  
LINTON MORRIS SNAITH, Newcastle, England  
GUILLERMO VAUTRIN, Havana, Cuba
3. Pregnancy Complicating Diabetes  
PRISCILLA WHITE, Physician, New England Deaconess Hospital, Boston, Mass., U.S.A.  
*Discussants:* EDWARD C. HUGHES, Syracuse, New York  
ARMINDO DE OLIVEIRA SARMENTO, Rio de Janeiro, Brazil  
FLAVIA MIGUEZ DE MELLO, Rio de Janeiro, Brazil
4. The Cervix in Habitual Abortion  
J. GARCIA ORCOYEN, Professor of Gynecology, University of Madrid, Madrid, Spain  
*Discussants:* FERNANDO DE ALMEIDA, Lisbon, Portugal  
A. F. LASH, Chicago, Ill., U.S.A.  
JULIO ORTIZ PEREZ, Havana, Cuba  
JOSE G. MARTINEZ, Monterrey, Mexico
5. Treatment of Premature Labor  
MANUEL B. RODRIGUEZ LOPEZ, Professor of Obstetrics and Gynecology, Faculty of Medicine, Montevideo, Uruguay  
*Discussants:* A. GUIMARAES FILHO, Rio de Janeiro, Brazil  
MARTIN GARRIGA ROCA, Madrid, Spain
6. Role of Congenital Uterine Malformations and of Acquired Deformities of the Uterine Cavity in the Pathogenesis of Female Infertility (Habitual Abortion)  
I. HALBRECHT, Director of Hadera Hospital, Hadera, Israel  
*Discussants:* I. C. RUBIN, New York, N. Y.  
MARGARET MOORE WHITE, London, England
7. Vulvar Fluorescence in the Diagnosis and Treatment of Threatened Abortion  
M. SYDNEY MARGOLESE, Clinical Instructor, Department of Medicine, University of California, Los Angeles, Cal., U.S.A.  
*Discussant:* PAUL H. FRIED, Philadelphia, Pa., U.S.A.



**8 Premature Labor**

SUBODH MITRA, Professor-in-Charge of Department of Obstetrics and Gynecology, R. G. Kar Medical College, Calcutta, India

**9. Role of Extra-Human Factors in Human Fertility**

JOSE RAMIREZ-OLIVELLA, Professor of Obstetrics, University of Havana, Havana, Cuba

**10. Comparative Study of the Value of Diethylstilbestrol and Progesterone in the Treatment of Threatened Abortion**

LUIZ CASTELAZO AYALA, Mexico, D.F.

1:30 P.M.

**Section XXIV—"REPORTS FROM INFERTILITY CLINICS"**

**(Tudor Room—Room B)**

*Honorary Chairman:* PEDRO A. GUTIERREZ ALFARO, Ministro de Sanidad y Asistencia Publica, Caracas, Venezuela

*Chairman:* KATHLEEN M. D. HARDING, London, England

*Vice-Chairmen:* EDMUNDO G. MURRAY, Buenos Aires, Argentina

JUAN WOOD, Santiago, Chile

L. I. SWAAB, Amsterdam, Netherlands

*Honorary Secretary:* ORLANDO BAIOCCHI, Rio de Janeiro, Brazil

*Secretary:* ANNA K. DANIELS, New York, N. Y.

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**1. The Outcome of Pregnancy in Women Attending an Infertility Clinic**

GERALD I. M. SWYER, Consultant Endocrinologist to the Obstetric Department, University College Hospital, London, England

*Discussants:* ALVARO DE AQUINO SALLES, Rio de Janeiro, Brazil

CARL JOHNSON, New Haven, Conn., U. S. A.

B. BERNARD WEINSTEIN, New Orleans, La., U. S. A.

## SATURDAY

2. Evaluation of Therapy in 500 Childless Wives  
V. H. TURNER and C. D. DAVIS, Department of Obstetrics and Gynecology, School of Medicine, Duke University, Durham, N. C., U. S. A.  
*Discussant:* CLAIR E. FOLSOME, New York, N. Y.
3. Infertility: Clinical Impressions Obtained from a Review of 1000 Cases  
ROBERT B. WILSON, Section of Obstetrics and Gynecology, Mayo Clinic, Rochester, Minnesota, U. S. A.  
*Discussant:* G. E. SEEGER-JONES, Baltimore, Md., U. S. A.
4. Medical Treatment in Pregnancy Following Sterility  
CLAUDE BECLERE, Ancien Chief, Gynecology Clinic of the Faculty of Medicine, Paris, France
5. The Problem of Sterility in Turkey: Statistics and Studies Based on the Etiology, Diagnosis and Treatment  
SERIF CANGA, Professor of Obstetrics and Gynecology, Medical School of Ankara University, Ankara, Turkey
6. Certain Aspects of Fertility and Sterility in Muselman Women of North Africa  
HENRI FULCONIS, Clinic of Obstetrics and Gynecology, Algiers, Algeria
7. An Analysis of Accidental Pregnancies Occurring During Infertility Studies  
DAVID R. WEIR AND ASSOCIATES, Maternal Health Association of Cleveland, Ohio
8. Sterility and Fertility Problems in Syria  
ZARE ARSLANIAN, Aleppo, Syria

2 P.M.

**Section XXV—"THE CLOSING SESSION"**

**(Ballroom—Room A)**

Resolutions

Awards

Awarding of Diplomas to Members of the  
International Fertility Association

Introduction of New Members of the American Society  
for the Study of Sterility

The Roll Call of Nations

Final Summation of the Congress



## SCIENTIFIC MOTION PICTURES

Monday, May 25th through Friday, May 29th

DANIEL B. ROTH, M.D., *Chairman*  
Teaneck, N. J.

JOHN CANNIS, M.D.  
CIRO TARTA, M.D.  
RAUL ORTIZ DE LA PENA, M.D.

A. R. ABARBANEL

Assistant Professor of Obstetrics and Gynecology, College of  
Medical Evangelists, Los Angeles, California, U. S. A.

### MYOMECTOMY AND MYOMETRIAL RECONSTRUCTION

LOUIS B. BACHRACH

Associate in Urology, Prince Georges General Hospital,  
Cheverly, Md., U. S. A.

Visiting Urologist, George Washington University Hospital,  
Washington, D. C., U. S. A.

### VASO-EPIDIDYMOSTOMY FOR OBSTRUCTIVE INFERTILITY CONGENITAL BILATERAL ATRESIA

C. A. V. BARKER

Associate Professor, Department of Medicine and Surgery,  
Division of Animal Reproduction, Ontario Veterinary College,  
Guelph, Ontario, Canada

### TESTICULAR BIOPSY TECHNIQS IN BULLS

ADIB ANTONIO COURI

Institute of Biology, Rio de Janeiro, Brazil

### OFFICE TECHNIC OF TESTICULAR BIOPSY

JOSEPH B. DOYLE

Assistant Clinical Professor of Obstetrics, Tufts Medical School,  
Boston, Mass., U. S. A.

### OBSERVATION OF THE HUMAN TUBO-OVARIAN MECHANISM WITH THE PELVSCOPE AUTONOMIC UTEROTUBAL DENERVATION

CARLOS D. GUERRERO

Clinical Professor Obstetrics and Gynecology, National University  
Schools of Medicine, Mexico, D.F.

### ESTERILIDAD POR MIOMA CAVITARIO Y MIOMECTOMIA A TRAVES DE HISTEROTOMIA (Cavitary Uterine Myoma and Myomectomy through Hysterotomy)

JANE E. HODGSON

Ancker Hospital, St. Paul, Minnesota, U. S. A.  
THE RANA PIPIENS FROG TEST FOR PREGNANCY

FRANCIS M. INGERSOLL

Assistant Surgeon, Massachusetts General Hospital,  
Boston, Mass., U. S. A.

STEIN-LEVENTHAL SYNDROME

ANTONIO KARCZMAR

Medical Staff, The American-British Cowdray Hospital,  
Mexico, D.F.

THE USE OF A RADIOPAQUE AND BACTERIOSTATIC  
MIXTURE L-E (LIPIODOL F.—ETHER) FOR  
HYSTEROGRAPHY AND HYSTEOSALPINGOGRAPHY

A. LOPEZ DE NAVA

Chief of the Gynecological and Obstetrical Department of the  
Navy Hospital, Mexico, D.F.

Professor of Obstetrics, National University of Mexico School of  
Medicine, Mexico, D.F.

A CASE OF DOUBLE UTERUS AND DOUBLE VAGINA—  
STRASSMANN'S OPERATION

MAURICE MAYER

Department of Gynecology, Hospital of St. Antoine, Paris, France

TUBOPLASTY: TECHNIC OF UTEROTUBAL  
IMPLANTATION

RENE MORICARD

Directeur du Laboratoire d'Hormonologie de l'Ecole des Hautes  
Etudes de l'Universite de Paris, Paris, France

FONCTION MEIOGENE DU LIQUIDE FOLLICULAIRE  
ET RECHERCHES SUR LA FECONDATION

(A quantitative study by hormone micro-injection into the ovarian  
follicle of a meiotogenic function of the follicular liquid:  
problems of human application)

EDGAR DA ROSA RIBEIRO, Rio de Janeiro, Brazil

NUEVO MODELO DE APARATO PARA  
HISTEOSALPINGOGRAFIA

(A New Apparatus for Hysterosalpingography)  
TECNICA DE ANASTOMOSIS TUBARIA  
(Technic of Tubal Anastomosis)

GEORGE H. ROMBERG

Medical Staff, White Plains Hospital, White Plains, N. Y., U. S. A.  
ENDOMETRIAL ASPIRATION TECHNIC

Schering Corporation, Bloomfield, N. J., U. S. A.  
PHYSIOLOGY OF NORMAL MENSTRUATION  
(English and Spanish)

MALE SEX HORMONE  
(English and Spanish)

DR. SHIRODKAR

Professor of Obstetrics and Gynecology, Grant Medical College  
Bombay, India

DIRECT VISION TUBAL PATENCY TEST AND  
TECHNIQUE OF UTERO-TUBAL IMPLANTATION

ABRAHAM STONE

Director, Fertility Service, Margaret Sanger Research Bureau,  
New York, N. Y., U. S. A.

BIOLOGY OF CONCEPTION

Transactions may be ordered at the Congress at the pre-publication price of \$21.00. Only a limited edition will be published. Be sure to order your copy *now*. Since meetings are being held simultaneously, it will be physically impossible to hear everything that is being presented at the Congress.



## SCIENTIFIC EXHIBITS

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*Sub-Chairmen:* EDWARD C. HUGHES AND RITA S. FINKLER

### Ballroom Foyer

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#### A NEW IMPROVED X-RAY OPAQUE MASS FOR HYSTEROSALPINGOGRAPHY

I. C. RUBIN, M.D.

ERNEST MYLLER, M.D.

CARL G. HARTMAN, PH.D.

New York City, N. Y. and Raritan, N. J.

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#### SOME INTERESTING UTEROTUBAL RADIOGRAPHS

CERIF CANGA, M.D.

University of Ankara, Ankara, Turkey

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#### INVESTIGATION OF TUBAL PHYSIOLOGY

AMERICO STABILE, M.D.

Facultad de Medicina, Montevideo, Uruguay

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#### A NEW NON-BIOLOGICAL PREGNANCY TEST

HOWARD W. JONES, JR., M.D.

G. E. S. JONES, M.D.

Baltimore, Maryland

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AMALIA ERNST, M.D.

University of Chile, Santiago, Chile

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JULIUS CARLEBACH

New York City, N. Y.

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New York University — Bellevue Medical Center  
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New York City, N. Y.

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American-British Cowdray Hospital, Mexico, D.F.
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Mount Sinai Hospital, New York, N. Y.

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ALBERT DECKER, M.D.

New York Medical College

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New York City, N. Y.

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Wesley Long Hospital, Greensboro, N. C.

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Harvard Medical School, Boston, Mass.

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LOUIS BONNET, M.D.

Paris, France

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Telémaco Susini Institute of Pathology School of Medicine,  
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Buenos Aires, Argentina

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EDUARDO BUNSTER, M.D.

Hospital del Salvador, Santiago-de-Chile, Chile, S. A.

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Hospital Broca, Paris, France

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ORLANDO BAIOCCHI, M.D.

Rio de Janeiro, Brazil

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F. J. SCHOENECK, M.D.

C. W. LLOYD, M.D.

A. W. VAN NESS, M.D.

Department of Photography

Department of Obstetrics, State University of New York

State University of New York Medical Center at Syracuse

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WALTER W. WILLIAMS, M.D.

Springfield, Mass.

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DELFINO GALLO, M.D.

Guadalajara, Jal., Mexico

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SYLVIA F. BECKER, M.D.

Beth Israel Hospital, Newark, N. J.

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H. ALVAREZ, M.D.

R. CALDEYRO-BARCIA, M.D.

Facultad de Medicina, Montevideo, Uruguay

## WOMEN'S ENTERTAINMENT

(Headquarters—Georgian Lounge—Henry Hudson Hotel)

**Registration Fee \$10.00** It pays to register and go to everything

Registration fee includes cost of *all events* and bus transportation (banquet not included). Non-registrants will be expected to pay the listed fee for each event. Tickets *must* be obtained for *all* admissions.

Free tickets for many Radio and Television shows will be available all week. Simply ask us for them.

The Women's Headquarters Lounge will be open all week for your pleasure and comfort and the Hostess on duty will be happy to serve you. All information and tickets for the various functions will be available at the WOMEN'S REGISTRATION DESK (2nd floor—Henry Hudson Hotel) or in the WOMEN'S HEAD-QUARTERS LOUNGE (Georgian Room) at the same hotel.

### EVENTS

#### SUNDAY May 24

Advance registration all day Sunday. It is expected that all the women will register.

#### MONDAY May 25th

Registration all day Monday, 8:30 P.M.—Ladies are invited to attend the Inaugural Session of the Congress in the Ballroom of the Henry Hudson Hotel. Please wear your badge to gain admittance to meeting.

### FASHION SHOW — LUNCHEON

#### TUESDAY May 26th

12:30 P.M. Fashion show sponsored by Saks Fifth Avenue and luncheon in the Ballroom of the Hotel Pierre at 61st Street and Fifth Avenue. Commentary by Miss Nola Luxford, Fashion Coordinator, Hotel Pierre. Spanish and French translators will be present through the courtesy of Saks Fifth Avenue.

—Fee to non-registrants \$5.00

### BOAT TRIP

#### WEDNESDAY May 27th

1:15 P.M. Buses will leave the Henry Hudson Hotel promptly for the Circle Line pier located at 43rd Street and the Hudson River. The boat trip around Manhattan is a *must* for visitors to New York. The trip takes three hours. Buses will meet the boat and return to the hotel at the end of the trip. This event is OPEN TO MEN.

—Fee to non-registrants \$3.00 including bus transportation

## LEVER HOUSE TOUR — BEAUTY DEMONSTRATION

### THURSDAY May 28th

9:30 A.M. Buses will leave the Henry Hudson Hotel for a tour of Lever House. This edifice is one of the most modern buildings in the City of New York. A demonstration on "make-up" and souvenirs for all who attend. Lever House is located on Park Avenue at 53rd Street.

—Fee to non-registrants \$1.00 includes transportation

A limited number of hairdresser appointments can be made at Antoinette's Fifth Avenue for Thursday afternoon. All requests must be made by Monday at 5 P.M.

7:30 P.M. Official Banquet of the Congress at the Commodore Hotel. (Reservations should be made at the Main Registration Desk.)

## BUS TOUR

### FRIDAY May 29th

2:30 P.M. Buses will leave the Henry Hudson Hotel promptly for a Grand Tour of New York. Many of the wonders of New York will be pointed out on this trip, with special emphasis on the UN buildings. The visit and view from the top of the Empire State Building will be of special interest to all. The trip lasts three hours. Tour notes will be printed in Spanish and English and will be distributed to all.

—Fee to non-registrants \$4.00

### SATURDAY May 30th

8:30 A.M. The ladies are invited to attend the Scientific Session of the Congress on Child Adoption on Saturday morning. Please wear your badge to gain admittance to meeting in the Tudor Room (Room B) second floor of the Henry Hudson Hotel.

### SUNDAY May 31st

2:00 P.M. The ladies are cordially invited to attend the Closing Session of the Congress.



## TECHNICAL EXHIBITORS

### (Second Floor Corridors)

- Booth 24 — The Purdue Frederick Company
- Booth 25 — Campbell Associates
- Booth 26 — The Grafax Company
- Booth 27 — Westwood Pharmaceutical Corporation
- Booth 28 — Encyclopedia Americana
- Booth 29 — Clay Adams Company
- Booth 30 — Milex Products
- Booth 31 — Kidde Manufacturing Corp.
- Booth 32 — Cameron Surgical Specialty Company
- Booth 33 — Goodman-Kleiner Company
- Booth 34 — International Fertility Association
- Booth 35 — American Society for the Study of Sterility
- Booth 36 — World Congress on Fertility and Sterility
- Booth 37 — American Cystoscope Makers, Inc.
- Booth 38 — "Teaching Clinics in New York"
- Booth 39 — Ortho Pharmaceutical Corporation
- Booth 40 — "Distinguished Books"
- Booth 41 — E. Fougera and Company

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### **STERILITY SOCIETIES**

- American Society for the Study of Sterility  
Argentine Society for the Study of Sterility  
(Dr. Edmundo G. Murray and others)  
Brazilian Society for the Study of Sterility  
(Dr. A. Campos da Paz)  
British Society for the Study of Fertility  
Canadian Committee for the Study of Sterility  
Cuban Society for the Study of Sterility  
French Society for the Study of Sterility  
Mexican Association for the Study of Sterility  
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(Drs. Manuel Rodriguez Lopez and Arturo Achard)  
Venezuelan Society for the Study of Sterility

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- |  |   |
|--|---|
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| Italian Endocrine Society<br>(DR. D. ANDREANI)   | Société Française de<br>Gynécologie<br>(DRS. RAOUL PALMER AND<br>MICHEL TURPAULT)                                     |
| Kupat Holim of Israel<br>(DR. I. HALBRECHT)  |   |
| N.S.V.H.—Netherland Society<br>of Sexual Reform<br>(DR. L. I. SWAAB)                             |   |

## UNIVERSITIES

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