C.A.P.S. - A.C.C.P.
1969 – 1970

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PROGRAMME
The Royal College of Physicians and Surgeons of Canada
THIRTY-NINTH ANNUAL MEETING
THE QUEEN ELIZABETH — MONTREAL
JANUARY 22, 23, 24, 1970

PROGRAMME
Le Collège Royal des Médecins et Chirurgiens du Canada
TRENTE-NEUVIÈME RÉUNION ANNUELLE
LE REINE ELIZABETH — MONTRÉAL
22, 23, 24, JANVIER 1970
**PROGRAMME — REUNION ANNUELLE DE 1970**

**LE JEUDI, 22 JANVIER**

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<tr>
<td>8 h 30</td>
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<td>Forum-chirurgie</td>
<td>Duluth-</td>
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<td>MacKenzie</td>
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<td>A-bronchite chronique*</td>
<td>Marquette-Jolliet</td>
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<td>11 h 30</td>
<td>Conférence du Collège royal—G. M. Brown*</td>
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**Après-midi**

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<td>—progrès*</td>
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<td></td>
<td>—vascularité périphérique</td>
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<td>Séances conjointes:</td>
<td>Gallerie 1</td>
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<tr>
<td></td>
<td>—neurologie</td>
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<td>—pédiatrie</td>
<td>Saguennay</td>
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<tr>
<td></td>
<td>Obstétrique et Gynécologie</td>
<td>Gallerie 4</td>
<td>16</td>
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<tr>
<td>8 h 30</td>
<td>Séance académique</td>
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**Soir**

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**LE VENDREDI, 23 JANVIER**

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<tr>
<td>7 h 30</td>
<td>Réunion administrative des certifiés</td>
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<tr>
<td>9 h à</td>
<td>Forum chirurgical</td>
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<td>—transplantation</td>
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<td>A-insuffisance respiratoire chez l'opéré*</td>
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<td>B-désordres neuromusculaires*</td>
<td>Marquette-Jolliet</td>
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<td>11 h</td>
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<tr>
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<td>Conférence Gallerie—A. D. McLachlin*</td>
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<td>—cancer*</td>
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<td>Obstétrique et Gynécologie</td>
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<td>A-diabète, métabolisme, etc.*</td>
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<td>B—étude sur les soins médicaux*</td>
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<td>11 h 30</td>
<td>Conférence du Collège royal—Lucien Léger*</td>
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<td>Travail primé en Chirurgie—Brian Haly*</td>
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<td>2 h 40</td>
<td>Séances scientifiques à Médecine:</td>
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<td>—cardiovasculaire</td>
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<td>Obstétrique et Gynécologie</td>
<td>Gallerie 4</td>
<td>41</td>
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1. **Registration**
   The Registration Desk, located in the Foyer of the Convention Floor, will be open from 10:00 a.m. on Wednesday, January 21 and from 8:30 a.m. until 5:00 p.m. on January 22, 23 and 24. Lapel identification badges, obtainable on registration serve as your admission to the scientific sessions and other functions. They also bear a certificate of attendance on the reverse and should be retained for income tax purposes.

2. **Canadian Society for Clinical Investigation**
   The Annual Meeting of the Society takes place at the Queen Elizabeth Hotel on Tuesday and Wednesday, January 20 and 21. The President of the Society has extended an invitation to Fellows and Certificants to attend the scientific sessions of this meeting. The Wednesday afternoon programme of the Society consists of five symposia jointly sponsored by the C.S.C.I. and the Royal College. Subjects and names of participants in these symposia will be found on pages 5 and 6 of this programme.

3. **Telephone Answering Service**
   Through the courtesy of Bell Canada Telephone Company a silent Telephone — T.V. Message Centre Service is being provided to handle all incoming telephone calls from those attending the meeting. When calls are received your name will be paged visually on television monitors located throughout the convention area. You should then report to the Message Centre located in the foyer to receive your message. The telephone number of the Answering Service is 866-2645 (Area Code 514). If you wish to receive emergency calls during the meeting, leave this number with your wife and/or secretary.

4. **“No Host” Cocktail Party**
   On Friday evening, the Ladies’ Committee has planned a “no host” cocktail party which will be held in the Salon Marquette-Jolliet, from 6:00 to 8:00 p.m. This is an opportunity for you to meet old friends and make new ones. Members of the Ladies’ Committee will be on hand to assist any parties wishing to make reservations to go to dinner after the cocktail hour.

5. **Tickets for the President’s Reception and Annual Dinner**
   No effort is being spared to make the President’s Reception and Annual Dinner Dance a gala closing event of the meeting. We hope you will stay and join in the fun and relaxation. Since the hotel must know 24 hours in advance how many to plan for dinner, you are urged to obtain tickets at the Registration Desk as early as possible. The price is $10.00 per person.

6. **The Business Meetings**
   Your attention is drawn to the times of the Business Meetings. The Annual Business Meeting of the Certificants will take the form of a breakfast meeting at 7:30 a.m. on Friday, January 23, in Gallery No. 4. The Annual Business Meeting will be held in the Ballroom on Friday, January 23, at 4:30 p.m..

7. **Medical Services**
   In case of illness, medical services can be obtained from the Queen Elizabeth Hotel Physician.

   **IF EMERGENCY CARDIO-PULMONARY RESUSCITATION SERVICES SHOULD BE REQUIRED PHONE HOTEL SWITCHBOARD OPERATOR.**
COMMUNICATIONS

1. Inscription
Le poste d'inscription situé dans le foyer de l'étage des Congrès fonctionnera de 10 h à 17 h le mercredi 21 janvier et de 8 h 30 à 17 h les 22, 23, et 24 janvier. L'étiquette nominative remise à l'inscription vous donnera accès aux séances scientifiques et autres manifestations. Elle porte aussi au verso une attestation de participation et doit être conservée pour fins fiscales.

2. Société canadienne pour la recherche clinique

3. Service de secrétariat téléphonique
Un Service central de messages TV-téléphoniques silencieux sera assuré à titre gracieux par la Compagnie de téléphone Bell au bénéfice de tous les participants à la réunion annuelle. Si vous êtes appelé au téléphone, votre nom apparaîtra aux écrans de télévision installés à l'étage des congrès. Vous devrez alors vous présenter au Centre des messages situé dans le foyer pour y recevoir votre message. Le numéro de téléphone du Service est 866-2645 (indicatif régional 514). Si vous désirez recevoir les appels d'urgence durant la réunion laissez note de ce numéro à votre épouse et à votre secrétaire.

4. Coquetel “sans cérémonies”
Le vendredi soir le Comité des dames tiendra un coquetel dans le Salon Marquette-Jolliet de 18 h à 20 h. Profitez de l'occasion pour rencontrer de vieilles connaissances et en faire de nouvelles. Des membres du Comité se tiendront sur les lieux pour seconder ceux qui voudraient retenir des places pour aller se restaurer après l'heure du coquetel.

5. Billets de la réception du Président et du banquet annuel
Rien n'est négligé pour que la réception du Président et le banquet-bal annuel soient une magnifique manifestation de clôture. Nous espérons que vous vous joindrez aux réjouissances et à la détente ainsi assurées. Comme l'hôtel doit savoir 24 heures à l'avance combien se proposent de prendre part au banquet veuillez prendre vos billets au poste d'inscription le plus tôt possible.

6. Réunions administratives
Nous appelons votre attention sur l'heure des réunions administratives. La réunion administrative annuelle des Certifiés consistera dans une réunion-petit déjeuner tenue à 7 h 30 le vendredi 23 janvier dans la Gallerie N° 4. Le réunion administrative annuelle aura lieu dans la Salle de Bal le vendredi 23 janvier à 16 h 30.

7. Soins médicaux:
En cas de maladie le médecin attitré de l'hôtel Reine Elizabeth assurera les soins médicaux.

SI DES SERVICES DE RESSUSCITATION CARDIO-PULMONAIRE D'URGENCE SONT REQUIS ON DOIT APPELER L'OPÉRATRICE DE L'HÔTEL.
JOINT C.S.C.I. — ROYAL COLLEGE SYMPOSIAS
2:00 p.m. — 5:30 p.m.

I
BIOLOGY OF THE CANCER CELL
Salon Marquette

Chairman:
Louis Siminovitch, University of Toronto, Toronto

Participants:
Leonard Warren, University of Pennsylvania, Philadelphia
"Biochemical Studies on the Surface Structure of Normal and Malignant Cells"

George Todaro, National Institute of Health, Bethesda
"Viral Transformation of Human Cells in Culture: Relationship to 'Tumor Risk' in Man"

W. R. Bruce, University of Toronto, Toronto
"Studies on the Action of Chemotherapeutic Agents at the Cellular Level"

Phil Gold, McGill University, Montreal
"Human Tumor—Specific Antigens"

II
ATHEROSCLEROSIS
Gallery 1

Chairman:
Louis Horlick, University of Saskatchewan, Saskatoon

Participants:
Paris Constantinides, University of British Columbia, Vancouver
"The Role of the Arterial Wall in Atherogenesis and Thrombogenesis"

Seymour Dayton, University of California, Los Angeles
"The Source of the Cholesterol Ester and Other Lipids in Atheromata"

William Hollander, Boston University, Boston
"The Relationship Between Structural and Metabolic Changes in Atherosclerotic Vessels"
III
RESPIRATORY PHYSIOLOGY IN THE NEWBORN
Salon MacKenzie

Chairman:
Mary Ellen Avery, McGill University, Montreal

Participants:
Victor Chernick, University of Manitoba, Winnipeg
"Aspects of the Regulation of Respiration"

Paul R. Swyer, University of Toronto, Toronto
"Physiologic Principles in the Care of the Distressed Newborn Infant"

George Brumley, Duke University, Durham
"The Effects of Asphyxia on Lung Lipid Metabolism in the Lamb"

IV
Membrane Transport
Salon Duluth

Chairman:
Charles R. Scriver, McGill University, Montreal

Participants:
Leon E. Rosenberg, Yale University, New Haven
"Transport of Organic Solute"

John H. Dirks, McGill University, Montreal
"Transport of Inorganic Solute"

Peter G. Scholefield, National Cancer Institute of Canada, Toronto; and Rose Johnston, McGill University, Montreal
"Energy Metabolism and Membrane Transport"

Dale L. Oxender, University of Michigan, Ann Arbor
"Membrane, or 'Transport' Proteins"

V
ENDOCRINE INTERRELATIONSHIPS
Salon Jolliet

Chairman:
Claude Fortier, Université Laval, Quebec City

Participants:
Fernand Labrie, Université Laval, Quebec City
"Role of Transcorin in Pituitary-Adrenocortical Adjustment to the Activity of the Thyroid and Gonads"

S. A. D’Angelo, Jefferson Medical College, Philadelphia
"Maternal-Foetal Endocrine Interrelationships, with Particular Reference to the Thyroid and Adrenal Cortex"

R. E. Peterson, Cornell Medical Center, New York
"Endocrine Interrelationships in Man"
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Thursday, January 22

SYMPOSIA

A. CHRONIC BRONCHITIS

Ballroom

Chairman:
D. V. Bates, Professor and Head, Department of Physiology, McGill University

Participants:
9:00 a.m.
Has Chronic Bronchitis Any Specific Pathology?
W. M. Thurlbeck, Professor of Pathology, McGill University

9:15 a.m.
How Does Chronic Bronchitis Impair Lung Function?
P. T. Macklem, Associate Professor, Experimental Medicine, McGill University

9:30 a.m.
How Should Chronic Bronchitis Be Diagnosed?
J. A. M. Henderson, Assistant Professor of Medicine University of Ottawa

9:45 a.m.
How Should Chronic Bronchitis Be Managed?
E. J. Moran Campbell, Professor of Medicine, McMaster University

10:00 a.m.
What Happens to the Chronic Bronchitic?
D. V. Bates, Professor and Head, Department of Physiology, McGill University

10:15 a.m.
Discussion

B. MEDICAL PRACTICE, ABORTION AND RECENT CHANGE IN THE CRIMINAL CODE

Salon Marquette—Jolliet

Chairman:
E. A. MacCallum, Assistant Professor of Obstetrics and Gynaecology, McGill University and Medical Director, Montreal General Hospital

Participants:
9:00—11:00 a.m.
Mr. D. H. Christie, Assistant Deputy Attorney General, Ottawa

F. J. Tweedie, Associate Professor of Obstetrics and Gynaecology, McGill University and Royal Victoria Hospital

Allan Mann, Associate Professor of Psychiatry, McGill University

Donald Whelan, Montreal Children’s Hospital.

Mr. Christie will discuss the legislators’ viewpoint and legal aspects out of his intimate involvement in drafting the change in the Criminal Code. Dr. Tweedie will outline the Royal College attitudes recorded and his own experience in a Teaching Hospital. Dr. MacCallum will speak to the hospital viewpoint from experience of an abortion committee and as a Medical Director. Dr. Mann will discuss psychiatric perspectives, and Dr. Whelan will discuss eugenic horizons in the light of experience in the Biochemical Genetics Laboratory at the Montreal Children’s Hospital.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Thursday, January 22
Le jeudi, 22 janvier

Salon Duluth—MacKenzie
SURGICAL FORUM CHIRURGICAL
(Gastrointestinal)
Chairman: Dr. James F. Lind, Winnipeg

9:00 a.m.
105 A Pathophysiologic Study of Esophagogastric Anastomoses
R. D. Henderson, J. Lind and B. Feaver,
Toronto General Hospital,
Clinical Investigation Unit, Winnipeg General Hospital, and
Department of Surgery, University of Manitoba

9:15 a.m.
106 The Effect of Peritonitis on Intestinal Anastomosis
M. O. Akpata and H. G. T. Williams,
Surgical Medical Research Institute, University of Alberta, Edmonton

9:30 a.m.
107 The Role of Arterial, Portal and Systemic Venous Blood on Regeneration of
the Canine Liver
M. Wexler, M. Slapak, R. Mizumoto, A. Latzina, G. Giles and
W. V. McDermott Jr.,
Department of Surgery, Harvard Medical School, Sears Surgical
Laboratory, Boston City Hospital and Department of Experimental
Surgery, McGill University, Montreal

9:45 a.m.
108 The Use of Gastric Acid Secretory Studies in the Prediction of Stomal
Ulceration Following Vagotomy and Drainage
M. L. Frimer and I. B. Holubitsky,
Department of Surgery, University of British Columbia and
Vancouver General Hospital, Vancouver

10:00 a.m.
109 Correlation Between Anatomic Parameters of the Duodenal Papilla and the
Pancreato-Biliary Reflux
Z. Mester,
Central and St. Joseph's Hospitals, Toronto

10:15 a.m.
110 Bile Acids and Pancreatic Enzymes in Acute Pancreatitis
T. H. Brian Haig,
Department of Surgery, University of Saskatchewan, Saskatoon

10:30 a.m.
111 Segmented Reversal of Small Intestine Following Massive Enterectomy and
its Effect on Heidenhain Pouch Secretion and Body Weight in Dogs
A. Hobart and W. W. Yakimets
Surgical Medical Research Institute, University of Alberta, Edmonton

10:45 a.m.
112 Autotransplantation of the Small Intestine — A Study of the Changes
Observed and their Possible Pathogenesis
G. G. Mackie and E. J. Hinchey,
McGill University Surgical Clinic, Montreal General Hospital

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Thursday, January 22

Ballroom

11:30 a.m.

Chairman: Dr. Jacques Turcot, President

ROYAL COLLEGE LECTURE/CONFERENCE DU COLLEGE ROYAL

Medical Research—Servant or Master

G. Malcolm Brown, M.D., Ph.D., F.R.C.P.(C)
Chairman, Medical Research Council of Canada

2:00 p.m.

Chairman: Dr. Ian Rusted, Vice-President (Medicine)

ANNUAL AWARD IN MEDICINE/TRAVAIL PRIME EN MEDECINE

The Inhibition of Adjuvant Disease in Rats by the Interferon
Inducing Agent Pyran Copolymer

Morley A. Kapusta, M.D., C.M. (McGill), F.R.C.P.(C)
Division of Rheumatology, Department of Medicine,
Jewish General Hospital, Montreal.

(This research was carried out in collaboration with
Jack Mendelson, M.D., M.S., F.R.C.P.(C), co-recipient
of the Medal in Medicine).
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Thursday, January 22  
Le jeudi, 22 janvier

MacKenzie Room

MEDICINE/MEDECINE
(Haematology/Hematologie)

Chairman: Dr. B. A. Cooper, Montreal

2:40 p.m.
34 Proteins, Muramidase and Renal Tubular Dysfunction in Mono- and Myelomonocytic Leukemia
   W. Pruzanski,
   Immunoprotein Research Laboratory of the Rheumatic Disease Unit,
   University of Toronto and the Wellesley Hospital, Toronto

2:55 p.m.
35 L-Asparaginase (L-ASP.) Therapy of Adult Cancer
   J. E. Harris, J. P. Whitacre, N. Samaan, G. P. Bodey, E. J. Freireich,
   Department of Medicine, Ottawa General Hospital, University of Ottawa
   and M. D. Anderson Hospital, Houston, Texas

3:10 p.m.
36 Blastogenesis of Lymphocytes Induced by PPD-Primed X-Irradiates Autologous Lymphocytes
   S. Kasakura,
   Division of Hematology, Royal Victoria Hospital, Montreal

3:25 p.m.
37 The Reactivity of Cortical Thymocytes to Particulate Antigens, Including Self-Antigens: A Confirmation of the Clonal Selection Hypothesis
   J. A. Falk, B.Sc., and R. E. Falk,
   Department of Surgery, Toronto General Hospital, University of Toronto
   and The Karolinska Institutet

3:40 p.m.  INTERMISSION

3:55 p.m.
38 Congenital Lymphoid Hyperplasia with Lymphocytosis — Chronic Lymphocytic Leukemia?
   E. F. Saunders and J. M. Darte,
   Hospital for Sick Children, Toronto

4:10 p.m.
39 IgG and IgA Autoantibodies to Intrinsic Factor in Serum and Gastric Juice of Pernicious Anemia Patients
   P. B. McCulloch and S. R. Townsend,
   McGill University Medical Clinic, Montreal General Hospital, Montreal

4:25 p.m.
40 L’Antigene Reid, un Autre Example d’Antigene Familial
   Raymond-M. Guévin and Victor Taliano, R.L.T.,
   Centre de Transfusion de la Croix-Rouge de Montréal et Hôpital du Sacré-Coeur, Montréal

4:40 p.m.
41 Characterization and Management of the Anaemia of Thalassemic Pregnant Women
   J. E. Schuman, R. Pêloquin and N. K. M. de Leeuw
   Division of Hematology, Royal Victoria Hospital, Montreal

4:55 p.m.
42 Inhibition of Nucleic Acid and Protein Synthesis by Chloramphenicol in Cultures of Human Bone Marrow
   Magdalene R. Vas,
   Division of Hematology, Royal Victoria Hospital, Montreal

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Thursday, January 22
Le jeudi, 22 janvier

Duluth Room

MEDICINE/MEDECINE
(Cardiovascular Diseases/Malades cardiovasculaires)
Chairman: Dr. Lucien Campeau, Montreal

2:40 p.m.
1 Angiotensine I et Distribution Intrarenale du Debit Sanguin
S. Carrière et P. Biron,
Département de Médecine, Hôpital Maisonneuve et Département de
Pharmacologie, Université de Montréal, Montréal

2:55 p.m.
2 Propranolol in Experimental Coronary Occlusion in Conscious Dogs
Maidul I. Khan and George W. Manning,
Victoria Hospital and University of Western Ontario, London

3:10 p.m.
3 Effect of Propranolol and Sotalol on Myocardial Contractility and
Coronary Resistance
C. M. Tremblay and M. Nahas,
Division of Cardiology, Hotel-Dieu de Montreal Hospital,
University of Montreal, Montreal

3:25 p.m.
4 Electrical Stimulation of Carotid Sinus Nerve in Treatment of Angina Pectoris
C. Farrehi,
Department of Medicine, University of Oregon Medical School and
V.A. Hospital, Portland, Oregon

3:40 p.m. INTERMISSION

3:55 p.m.
5 Evaluation of Jogging Doctors
Bernard I. Lewis,
Palo Alto Medical Clinic and Palo Alto Medical Research Foundation,
Palo Alto, California

4:10 p.m.
6 A Practical Graded Exercise Program for Postcoronary Patients —
Five Year Review
E. Maurice Heller,
New Mount Sinai and Northwestern General Hospitals, Toronto

4:25 p.m.
7 Platelet Economy in Adolescent and Young Adult Sons of Male Survivors of
Myocardial Infarction
M. Gorelick,
Dalhousie University, Halifax, N.S.

4:40 p.m.
8 The Clinical Spectrum of Sudden Severe Mitral Regurgitation (S.S.M.R.)
A. G. Adelman and E. D. Wigle,
Cardiovascular Unit, Toronto General Hospital and
Department of Medicine, University of Toronto, Toronto

4:55 p.m.
9 The Effect of Smoking on Normal Cardio-Pulmonary Function
J. E. Merriman, S. M. Fattah and J. A. Munns,
Department of Medicine, University of Saskatchewan, Saskatoon

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

ADVANCES IN MEDICINE
PROGRES RECENTS EN MEDECINE

Thursday, January 22
Le jeudi, 22 janvier

GROUP I
Salon Marquette

Chairman: Dr. F. Munroe Bourne, Montreal

2:40 p.m. 1-Dopa and the Treatment of Parkinson's Disease
D. J. MacFadyen, Associate Professor of Neurology, University of British Columbia

3:10 p.m. The Contribution of New Immunological Knowledge to Dermatology
J. C. Mitchell, Assistant Professor of Dermatology, University of British Columbia

3:40 p.m. Intermission

3:55 p.m. The Significance of Asymptomatic Proteinuria and Hematuria
A. Rapoport, Associate Professor of Medicine, University of Toronto

4:25 p.m. Renal Transplantation and Tissue Typing
J. B. Dossetor, Professor of Medicine, University of Alberta

GROUP II
Salon Jolliet

Chairman: Dr. Jacques Bernier, Montreal

2:40 p.m. Pain in Relation to Biliary Tract Disease
L. S. Valberg, Associate Professor of Medicine, Queen's University

3:10 p.m. The Nature of Graves' Disease
J. M. McKenzie, Associate Professor of Medicine, McGill University

3:40 p.m. Intermission

3:55 p.m. Some Adverse Drug Reactions
J. R. Ruedy, Associate Professor of Pharmacology, McGill University

4:25 p.m. What Can Be Done About Strokes?
H. J. M. Barnett, Associate Professor of Medicine, University of Western Ontario
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Thursday, January 22
Le jeudi, 22 janvier

Saguenay Room
MEDICINE/MEDECINE
(Paediatrics/Pedriatrie)

Chairman: Dr. Victor Marchessault, Sherbrooke

2:40 p.m.
49 Metabolic Responses to Physical Exercise in Normal and Growth Hormone-Deficient Children
J. S. D. Winter,
Department of Paediatrics, University of Manitoba, Winnipeg

2:55 p.m.
50 Ionized Calcium Levels in the Newborn Infant: Effect of Bicarbonate Treatment in Patients with RDS and of Exchange Transfusions
I. C. Radde, D. K. Parkinson, B. Hoffken, K. E. Appiah and
W. B. Hanley,
Department of Paediatrics, University of Toronto and The Research Institute, The Hospital for Sick Children, Toronto

3:10 p.m.
51 The Effect of Hyperphenylalaninemias on Synthesis of Ribosomal Protein in the Maturing Brain
Bernard Lemieux and K. Swaiman,
University of Minnesota, Minneapolis

3:25 p.m.
52 Renal Segmental Hypoplasia: First Case Report in North America
Marc H. Gervais, M. Vigneault and B. Thérien,
Centre Hospitalier Universitaire, Sherbrooke

3:40 p.m. INTERMISSION

3:55 p.m.
53 Long-term Effects of Jaundice in Infants of Low Birth Weight
A. M. Robertson, E. Tredger, H. G. Dunn and J. U. Crichton,
Department of Paediatrics, University of British Columbia, Vancouver

4:10 p.m.
54 Les IgM et les IgA chez le Nouveau-ne Attaint de Malformation Congénitale
B. H. Doray et M. A. Mortezaï,
Hôpital Sainte-Justine, Montréal

4:25 p.m.
55 Biochemical Characteristics of the Cerebro-Hepato-Renal Syndrome
Norman M. Wolfish,
University of Ottawa, Ottawa

4:40 p.m.
56 Congenital Hepatic Fibrosis
Abdalla Hanna, Richard Kennedy and Eric Pike,
St. John's General Hospital and The Dr. Charles A. Janeway Child Health Centre, St. John's

4:55 p.m.
57 Oligomeganephronic Renal Hypoplasia
J. Carter and D. S. Lirenman,
Health Centre for Children and Department of Paediatrics,
University of British Columbia, Vancouver

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Thursday, January 22

Ballroom

GENERAL SURGERY
CHIRURGIE GENERALE

Chairman: Dr. Henry J. Scott, Montreal

2:40 p.m.
147 The Incidence and Pathogenesis of Tracheal Injury Following Cuffed Tube Tracheostomy with Assisted Ventilation: Analysis of a Two Year Prospective Study
M. J. Andrews and F. G. Pearson,
Toronto General Hospital, Toronto

2:55 p.m.
148 Gastrotomy: An Operation for the Management of Peptic Stricture with Acquired Short Esophagus
F. G. Pearson, B. Langer and R. D. Henderson,
Toronto General Hospital, Toronto

3:10 p.m.
149 Primary Mediastinal Tumours and Cysts
G. Harry C. Joynt,
Toronto Western Hospital and Sunnybrook Hospital, Toronto

3:25 p.m.
150 Mediastinoscopy — A Correlation of Radiological Appearances with Histological and Bacteriological Findings
L. L. Whytehead, C. J. Zylak and P. Shatzko,
Departments of Surgery and Radiology, University of Manitoba and Winnipeg General Hospital, Winnipeg

3:40 p.m. INTERMISSION

3:55 p.m.
151 Traumatic Rupture of the Right Diaphragm
John Hyatt, Gardner Cooper, Homer Beattie and James R. Mackenzie,
McMaster University and Hamilton Civic Hospitals, Hamilton

4:10 p.m.
152 The Use of Liver Scanning in the Diagnosis of Traumatic Diaphragmatic Hernia and a Review of the Cases Seen in the Period 1953-1969
M. G. Clay, A. I. Munro and R. T. Morrison,
Vancouver General Hospital and
University of British Columbia, Vancouver

4:25 p.m.
153 Torsions of the Stomach
Mervyn Deitel, J. A. McIntyre, E. Grundy and I. Nagarwalla,
St. Joseph's Hospital and University of Toronto, Toronto

4:40 p.m.
154 Incidence and Management of Spontaneous Pneumothorax
Margaret Kunstler, J. A. S. Wilson and Walter E. Kunstler,
Royal Edward Chest, Santa Cabrini and Reddy Memorial Hospitals,
Montreal

4:55 p.m.
155 Radiographic Identification of Abnormal Position of C.V.P. Catheters
Mervyn Deitel, Y. M. Sarpabushan and J. Alexander McIntyre,
St. Joseph's Hospital and University of Toronto, Toronto

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Thursday, January 22

Le jeudi, 22 janvier

Gallery 1
SURGERY/CHIRURGIE
(Peripheral Vascular/Vasculaire périphérique)
Chairman: Dr. R. J. Baird, Toronto

2:40 p.m.
169 Pulmonary Embolectomy: A Critical Analysis of 13 Patients Undergoing Pulmonary Embolectomy
C. M. Couves, D. L. Modry, S. S. Nakai and D. E. James,
University of Alberta Hospital, Edmonton

2:55 p.m.
170 Subclavian Steal — An Analysis of 45 Patients with Angiographic Confirmation
S. S. Nakai and C. M. Couves,
University of Alberta Hospital, Edmonton

3:10 p.m.
171 Symptomatic Non-Thrombotic Subclavian Vein Obstruction
E. J. P. Charrette, K. S. R. Iyengar and R. B. Lynn,
Queen's University, Kingston

3:25 p.m.
172 The Celiac Axis Compression Syndrome
D. S. Mulder, J. Rubush, M. S. Lawrence and J. L. Ehrenhaft,
Division of Cardiovascular Surgery,
University of Iowa College of Medicine, Iowa City

3:40 p.m. INTERMISSION

3:55 p.m.
173 L'Angine Mesenterique
Jules Trudel et Jacques Trudel,
Hôpital Saint-Luc, Montréal

4:10 p.m.
174 The Detection of Deep Venous Thrombosis by Ascending Phlebography, 99m Tc Scintigrams, 133Xe Muscle Flow and Ultrasonic Flow Detection
N. M. Scheiner, M. Usher, J. Horovitz and M. J. Palayew,
Jewish General Hospital, Montreal

4:25 p.m.
175 Angiographic Study of Valvular Function in Ilio-Femoral Veins
M. T. Khobreh, A. Fontaine, G. M. Tremblay and P. Roy,
Section of Cardio-Vascular Surgery, Angioradiology and Hemodynamics,
Hôtel-Dieu de Montréal and Université de Montréal, Montréal

4:40 p.m.
176 Femoro-Tibial Bypass Grafts: A Report of 22 Cases
H. Tuttassaura, R. J. Baird and R. T. Miyagishima,
Toronto Western Hospital, Toronto

Numbers opposite titles correspond with numbering of abstracts in January Issue of Annals.
SECTION OF OBSTETRICS AND GYNAECOLOGY
SECTION D'OBSTETRIQUE ET DE GYNECOLOGIE

Thursday, January 22  Le jeudi, 22 janvier

Gallery 4

Chairman: Dr. Michel J. Bérard, Montreal

2:40 p.m.
74 The Single Dose Long-acting Injectable Progestogen for Suppression of Ovulation
G. D. Hurteau, J. S. Campbell and M. Mirsaidi,
Department of Obstetrics and Gynaecology and Department of Pathology, University of Ottawa and Ottawa General Hospital, Ottawa

2:55 p.m.
75 The Prediction of Birth Weight and Gestational Age in the "Dysmature" Fetus Using Lipid Positive Cells in Amniotic Fluid
J. K. Milne, S. B. Effer and F. G. R. Harding,
Department of Obstetrics and Gynaecology,
University of Western Ontario, London

3:10 p.m.
76 Foetal Heart Rate Patterns in Relation to Foetal Metabolic Acidosis During the Intrapartum Period
J. A. Low, R. W. Boston and F. W. Cervenko,
Queen's University, Kingston

3:25 p.m.
77 Ultrasound in Obstetrics and Gynaecology
Patrick F. Beirne,
St. Michael's Hospital, Toronto

3:40 p.m.  INTERMISSION

3:55 p.m.
78 Intra-Uterine Development in Patients with Recurrent Abortions
Betty J. Poland,
Vancouver General Hospital, Vancouver

4:10 p.m.
79 Lactate Content of Mouse Uterine Cervix Tumour After Radiation
John Collins,
Ontario Cancer Foundation. London Clinic and University of Western Ontario, London

4:25 p.m.
80 Multiple Primary Malignant Tumors of the Uterus
Ted N. Roman and J. P. A. Latour,
Royal Victoria Hospital, Montreal

4:40 p.m.
81 The Fibrinolytic System in Normal Pregnancy and Labor
F. A. Manning, A. Wodzicki and A. T. Coopland,
Department of Obstetrics and Gynaecology,
University of Manitoba, Winnipeg

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
COMBINED SESSION
SEANCE CONJOINTE

Thursday, January 22

NEUROLOGY — NEUROSURGERY

Gallery 2

Chairman: Dr. Theodore B. Rasmussen, Montreal

2:40 p.m.
58 Uremic Neuropathy During Hemodialysis and Following Renal Transplantation
C. F. Bolton, M. A. Baltzan and R. B. Baltzan,
Department of Medicine, University of Saskatchewan, Saskatoon

2:55 p.m.
59 Experimental Chronic Progressive Entrapment of the Sciatic Nerve in the Rabbit
A. Aguayo, R. Midgley and C. P. V. Nair,
Division of Neurology, Montreal General Hospital, Montreal

3:10 p.m.
60 Ultrastructural Changes in the Proximal Stump of a Severed Peripheral Nerve
James Morris, Alan Hudson and Graham Weddell,
Department of Human Anatomy, Oxford and Division of Neurosurgery,
St. Michael’s Hospital, University of Toronto, Toronto

3:25 p.m.
61 Vacuolar Myopathy with Concentric Lamellar Bodies and Virus-Like Structures
Stirling Carpenter, George Karpati and Leon Wolfe,
Montreal Neurological Institute, Montreal

3:40 p.m. INTERMISSION

3:55 p.m.
62 Intracranial Aneurysm Surgery Using the Surgical Microscope and Hypotension Techniques
Emile Berger and Claude Duval,
Jean Talon Hospital, Montreal

4:10 p.m.
63 Advantages of Radioisotopes and Indicator Dyes in the Surgery of Angiomas of the Brain
William Feindel,
Montreal Neurological Institute, Montreal

4:25 p.m.
64 Microchirurgie Vasculaire Cérébrale Expérimentale
Alain Godon, Mohammad Khobreh and Paul Roy,
Département de Chirurgie Expérimentale,
Hôtel-Dieu de Montréal, Montréal

4:40 p.m.
65 Neurological Complications of Cardiac Surgery
W. J. McIlroy,
Toronto Western Hospital, Toronto

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Friday, January 23
Le vendredi, 23 janvier

9:00—11:00 a.m.

A. RESPIRARATORY INSUFFICIENCY IN THE SURGICAL PATIENT

Ballroom

Chairman: Dr. Lloyd Maclean, Professor of Surgery,
McGill University

9:00 a.m. Definition of the Problem—Diagnosis
Jean Morin, Royal Victoria Hospital, Montreal

9:15 a.m. Respiratory Insufficiency Following Non Thoracic
Operation and Injury
John Duff, Royal Victoria Hospital, Montreal

9:30 a.m. Respiratory Insufficiency Following Trauma to the Chest
Jacques Bruneau, Hotel-Dieu Hospital, Montreal

9:45 a.m. The Airway—Endotracheal Tube or Tracheostomy?
David Mulder, Tho Montreal General Hospital,
Montreal

10:00 a.m. Ventilatory Support
Malcolm Dunkley, The Montreal General Hospital,
Montreal

10:15 a.m. Question Period

B. NEUROMUSCULAR DISORDERS

Marquette—Jolliet

Chairman

Dr. D. W. Baxter, Associate Professor of Neurology and
Neurosurgery, McGill University

9:00 a.m. Anterior Horn Cell Syndromes
Robert Lee,
Toronto Western Hospital

9:15 a.m. Peripheral Neuropathies
Peter Dyck, Mayo Clinic, Rochester, Minn.

9:35 a.m. Disorders of Neuromuscular Transmission
John Humphrey, Assistant Professor of Medicine,
University of Toronto

9:50 a.m. Myopathies
George Karpati, Assistant Professor of Neurology,
McGill University

10:05 a.m. Inflammatory Myopathies
Albert Aguayo, Montreal General Hospital

10:20 a.m. Muscular Dystrophies
Garth Bray, Montreal General Hospital

10:35 a.m. Discussion
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Friday, January 23
Le vendredi, 23 janvier

Duluth—MacKenzie

SURGICAL FORUM CHIRURGICAL
(Transplantation)

Chairman: Dr. Edward J. Hinchey, Montreal

9:00 a.m.

113 A Comparison of the Immunosuppressive Action of ATS, Spleen Cell Absorbed ATS, and Antisera Prepared Against Migration Inhibition Factor
R. E. Falk, R. Stone and B. Langer,
Toronto General Hospital, Department of Surgery at University of Toronto and Karolinska Institutet

9:15 a.m.

114 Prolongation of Skin Homografts with Cinanserin Therapy
W. H. Lakey and J. D. Leonard,
Surgical Medical Research Institute, University of Alberta, Edmonton

9:30 a.m.

115 Repair of Destroyed Joints with Autogenous Cartilage Grafts: An Experimental Study
G. A. Daniel, M. A. Entin and D. S. Kahn,
Department of Experimental Surgery, McGill University, Montreal

9:45 a.m.

116 Transplantation of Whole Knee Joints in the Dog
G. Seligman, E. George, I. G. Yablon, G. Nutik and Richard L. Cruess,
Royal Victoria Hospital, Montreal

10:00 a.m.

117 Assessment of Liver Viability by the Study of the Metabolic Changes Following Acute Hepatic Ischemia
E. F. Farkouh, J. G. Beaudoin, A. M. Daniel, Ph.D., and L. D. MacLean,
Royal Victoria Hospital and McGill University, Montreal

10:15 a.m.

118 Perfusion Ex-Vivo de Foie et de Rein Xenogeneiques
Picard Marceau et Férand Martineau,
Hôpital Laval, Québec

10:30 a.m.

119 Technique Simplifiée d’Homotransplantation Hépatique Orthotopique Chez le Chien
Pierre Dalose et Maurice Parent,
Laboratoire de Chirurgie Expérimentale de l’Hôpital Notre-Dame, Montréal

10:45 a.m.

120 The Microcirculatory Changes in Kidneys Preserved by Continuous Perfusion Hyperbaric Oxygen and Hypothermia
P. J. Moloney and B. Mackay,
University of British Columbia, Vancouver

11:00 a.m.

121 Monitoring Rejection of the Canine Lung Allograft
R. L. Fisk, S. F. Man, G. R. Boehme, D. Revitt, P. G. Heslip,
T. R. Overton, Ph.D., and C. M. Couves,
Surgical Medical Research Institute, University of Alberta, Edmonton

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY

SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Friday, January 23
Ballroom

11:30 a.m.

Chairman: Dr. Jacques Turcot, President

ROYAL COLLEGE LECTURE/CONFERENCE DU COLLEGE ROYAL

Relationships Between Immunity, the Lymphoid System and Malignancy
Robert A. Good, M.D., Ph.D.
American Legion Memorial Heart Research,
Professor of Paediatrics and Microbiology,
University of Minnesota, Minneapolis, U.S.A.

2:00 p.m.

Chairman: Dr. Jacques Turcot, President

THE GALLIE LECTURE

Venous Thrombosis and Pulmonary Embolism
Angus D. McLachlin, M.D., Ph.D., F.R.C.S.(C)
Professor and Chairman, Department of Surgery,
University of Western Ontario, London
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Friday, January 23
Le vendredi, 23 janvier

MacKenzie Room
MEDICINE/MEDECINE
(Nephrology/Nephrologie)

Chairman: Dr. Lionel McLeod, Calgary

2:40 p.m.
43 A New Hypertensive Syndrome
P. Hamet, O. Kuchel, W. Nowaczynski, J. M. Rojo-Ortega and J. Genest,
Clinical Research Institute and Hôtel-Dieu Hospital, Montreal

2:55 p.m.
44 Calcium-47 Absorption Studies in Nephrolithiasis
Lionel Reese,
St. Joseph’s Hospital, London

3:10 p.m.
45 High Dose Furosemide Therapy in Resistant Edema
D. S. Silverberg, M. A. Baltzan, R. A. Ulan and R. B. Baltzan,
University of Alberta Hospital, Edmonton and
University of Saskatchewan Hospital, Saskatoon

3:25 p.m.
46 Clinical Value of Renal Homotransplantation
M. A. Baltzan and R. B. Baltzan,
Departments of Medicine, University Hospital and
St. Paul’s Hospital, Saskatoon

3:40 p.m.
47 Clinical Experience with the Horse Anti-Human Lymphocyte Globulin (ALG)
in Renal Transplantation
A. Rashid, C. B. Carpenter, Alan C. Birch, J. E. Murray and J. P. Merrill,
Departments of Medicine, Surgery and Pathology, Peter Bent Brigham
Hospital and Harvard Medical School, Boston, Massachusetts

3:55 p.m.
48 Bone Remodeling Alterations in Patients on Maintenance Dialysis. Study Based
on Tetracycline — Labeling and 11th Rib Biopsy
Z. F. Jaworski, A. R. Villanueva, O. Hitt, F. Sarnathiri and H. M. Frost,
Orthopedic Research Laboratory, Henry Ford Hospital, Detroit and
Department of Medicine, University of Ottawa and
Ottawa General Hospital, Ottawa

Ballroom

4:30 p.m. ANNUAL BUSINESS MEETING

6:00 p.m. Salon Marquette—Jolliet
8:00 p.m. "NO HOST" COCKTAIL PARTY/COQUETEL "SANS CEREMONIES"

6:30 p.m. Salad Duluth — DINNER/BANQUET
Syndicat Professionnel de Chirurgiens Généraux de Québec
Professional Syndicate of General Surgeons of Quebec
Guest Speaker/Conferencier invité: Dr. Charles Trey,
Assistant Professor of Medicine, Harvard Medical School

Topic/Subjét: “Prevention and Treatment of Fulminant Hepatic Failure
—Results in 400 Patients”

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Friday, January 23
Le vendredi, 23 janvier

Duluth Room

GENERAL MEDICINE/MEDECINE GENERALE
Chairman: Dr. Jonathan F. Meakins, Montreal

2:40 p.m.
19 A Personal Automated Literature Retrieval System
R. McG. Harden,
University Department of Medicine, Western Infirmary, Glasgow

2:55 p.m.
20 The Unrecognized Importance of Anaerobic Bacteria in “Sterile” Abscesses
George Goldsand,
Department of Internal Medicine, Division of Infectious Diseases,
University of Alberta, Edmonton

3:10 p.m.
21 Immunological Deficiency with High Sweat Chlorides
P. G. Strachan, M. W. Thompson, Ph.D., D. Osoba, D. M. Crozier and
J. D. Bailey,
Department of Paediatrics, Hospital for Sick Children and
The Ontario Cancer Institute, Toronto

3:25 p.m.
22 Staphylococcus Aureus Bacteremia
H. G. Robson,
Royal Victoria Hospital and McGill University, Montreal

3:25 p.m.
23 An Immunological Study of Hong Kong A, Influenza Viruses in Vaccinated and
Unvaccinated Nursing Populations of Two Hospitals in the Same City
James H. Day, Donald Keenleyside and Robert B. Stewart,
Queen’s University, Kingston

3:55 p.m.
24 Acute Effects of an Intravenous Anaesthetizing Dose of Valium (Diazepam)
S. Rao, R. W. Sherbaniuk and B. J. Sproule,
University of Alberta Hospital, Edmonton

Ballroom

4:30 p.m. ANNUAL BUSINESS MEETING

6:00 to 8:00 p.m. Salon Marquette—Jolliet
“NO HOST” COCKTAIL PARTY/COQUETEL “SANS CEREMONIES”

6:30 p.m. Salon Duluth — DINNER/BANQUET
Syndicat Professionnel de Chirurgiens Généraux de Québec
Professional Syndicate of General Surgeons of Quebec
Guest Speaker/Conférencier invité: Dr. Charles Trey,
Assistant Professor of Medicine, Harvard Medical School
Topic/Subjet: “Prevention and Treatment of Fulminant Hepatic Failure
—Results in 400 Patients”

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22
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE
ADVANCES IN MEDICINE
PROGRES RECENTS EN MEDECINE

Friday, January 23

GROUP I

Marquette

Chairman: Dr. Louis Johnson, Montreal

2:40 p.m. The Spread of Tumors
A. C. Wallace, Professor of Pathology,
University of Western Ontario

3:10 p.m. Treatment and Prognosis in Older Diabetics
A. R. M. Cairns, Assistant Professor of Medicine,
University of British Columbia

3:40 p.m. Diagnostic Approach to Esophageal Disease
I. T. Beck, Associate Professor of Medicine,
Queen’s University

GROUP II

Jolliet

Chairman: Dr. Pierre-Paul Julien, Montreal

2:40 p.m. A New Look at Old Blood Groups
J. H. Crookston, Associate Professor of Medicine,
University of Toronto

3:10 p.m. Angina Pectoris, Its Pathophysiology and the Rationale of
Medical Therapy
J. O. Parker, Assistant Professor of Medicine,
Queen’s University

3:40 p.m. An Assessment of Massive Dose Therapy of Malignant
Disease
D. E. Bergsagel, Associate Professor of Medicine,
University of Toronto

Ballroom

4:30 p.m. ANNUAL BUSINESS MEETING

6:00 to 8:00 p.m. “NO HOST” COCKTAIL PARTY/COQUETEL “SANS CEREMONIES”

6:30 p.m. Salon Duluth — DINNER/BANQUET
Syndicat Professionnel de Chirurgiens Généraux de Québec
Professional Syndicate of General Surgeons of Quebec
Guest Speaker/Conferencier invité: Dr. Charles Trey,
Assistant Professor of Medicine, Harvard Medical School
Topic/Subjet: “Prevention and Treatment of Fulminant Hepatic Failure
—Results in 400 Patients”
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Friday, January 23
Le vendredi, 23 janvier

Ballroom

SURGERY/CHIRURGIE
(Cancer)
Chairman: Dr. Gordon Bethune, Halifax

2:40 p.m.
92 Survivorship in Carcinoma
C. Barber Mueller and Herbert J. Sullivan,
Hamilton Civic Hospitals, St. Joseph's Hospital and
Hamilton Cancer Clinic

2:55 p.m.
93 Cancer of Esophagus: 180 Cases with Complete Followup
C. E. Kinley and E. P. Nonamaker,
Department of Surgery, Victoria General Hospital, Halifax

3:10 p.m.
94 Antero-Posterior Approach to Radical Sacrectomy for Chordoma
Eugene Karasewich and Robert Thorlakson,
Department of Surgery, Winnipeg General Hospital, Winnipeg

3:25 p.m.
95 Breast Cancer Following Multiple Fluoroscopies During Artificial Pneumothorax
Treatment of Pulmonary Tuberculosis
J. A. Myrden,
Dalhousie University and The Nova Scotia Sanatorium, Halifax

3:40 p.m.
96 An Eleven Year Review of Primary Tumours of the Small Bowel
R. J. Hancock,
Vancouver General Hospital, Vancouver

Ballroom

4:30 p.m.  ANNUAL BUSINESS MEETING

6:00 to
Salon Marquette—Jolliet
8:00 p.m.  "NO HOST" COCKTAIL PARTY/COQUETEL "SANS CEREMONIES"

6:30 p.m.
Salon Duluth — DINNER/BANQUET
Syndicat Professionnel de Chirurgiens Généraux de Québec
Professional Syndicate of General Surgeons of Quebec

Guest Speaker/Conferencier invité: Dr. Charles Trey,
Assistant Professor of Medicine, Harvard Medical School

Topic/Subjet: “Prevention and Treatment of Fulminating Hepatic Failure
—Results in 400 Patients”

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Friday, January 23  Le vendredi, 23 janvier

Gallery 1
ORTHOPAEDICS/ORTHOPEDIE
Chairman: Dr. Carrol A. Laurin, Montreal

2:40 p.m.
156  Respiratory Gas Exchange Following Fractures: The Role of Fat Embolism as a Cause of Arterial Hypoxemia
     P. R. Benoît, L. G. Hampson and J. H. Burgess,
     McGill University Surgical Clinic and Cardiorespiratory Laboratory,
     Montreal General Hospital, Montreal

2:55 p.m.
157  Plaster of Paris Bandage as a Source of Hospital Infection
     Jo Miller, Esther L. Cheattle, R. L. Gillum and Donald S. Fleming,
     Montreal General Hospital, Montreal and
     Research and Educational Hospitals, University of Illinois, Chicago

3:10 p.m.
158  Changements Structuraux de l'Oes Dus a Une Fixation Interne Rigide
     Hans K. Unthoff et François Dubuc,
     Institut de Recherches en Orthopédie,
     Hôpital Général de Verdun, Montreal

3:25 p.m.
159  Synovectomy and McIntosh Arthroplasty in Rheumatoid Arthritis — A Follow-Up Study
     F. P. Patterson and D. H. Harder,
     Division of Orthopaedic Surgery, University of British Columbia,
     Vancouver

3:40 p.m.
160  The Rates of Blood Flow of Bones and Skeleton in Man with Emphasis on a Radioisotopic Method of Measurement
     Sun-Shik Shim, G. Duncan McPherson and J. F. Schwigel,
     Department of Surgery, University of British Columbia, Vancouver

Ballroom

4:30 p.m.  ANNUAL BUSINESS MEETING

6:00 to  Saloon Marquette—Jolliet
8:00 p.m.  “NO HOST” COCKTAIL PARTY/COQUETEL “SANS CEREMONIES”

6:30 p.m.  Saloon Duluth — DINNER/BANQUET
Syndicat Professionnel de Chirurgiens Généraux de Québec
Professional Syndicate of General Surgeons of Quebec
Guest Speaker/Conférencier invite: Dr. Charles Trey,
Assistant Professor of Medicine, Harvard Medical School
Topic/Subjet: “Prevention and Treatment of Fulminant Hepatic Failure
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DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Friday, January 23
Le vendredi, 23 janvier

Gallery 2
PLASTIC SURGERY/CHIRURGIE PLASTIQUE
Chairman: Dr. John A. Drummond, Montreal

2:40 p.m.
177 Principles and Techniques of the Surgical Treatment of Recurrent Decubitus Ulcers in Paraplegics
R. Bendjaballah, J. A. Drummond and R. D. Midgley,
Queen Mary Veteran's Hospital, Montreal

2:55 p.m.
178 Oesophago-Plastie Cervicale avec un Greffon Cutane Penien
Louis Dionne,
L'Hôpital-Dieu de Québec

3:10 p.m.
179 Abdominal Desmoids in Childhood: A Review and a Case Study
V. J. A. Montpetit, D. D. Curren, J. S. Campbell, M. E. A. Bell and V. Rao,
Departments of Surgery and Pathology, University of Ottawa and Ottawa General Hospital, Ottawa

3:25 p.m.
180 Topical Gentamicin in Burns
Winnipeg General Hospital, Winnipeg

3:40 p.m.
181 Reconstruction Primaire de la Cavite Bucco-Pharyngee par Lambeau Frontal
Pierre Franchebois, R. W. Hakselian et Roger Poisson,
Département de Chirurgie, Hôpital Saint-Luc et Université de Montréal, Montréal

3:55 p.m.
182 Surgery of Rheumatoid Hand Deformities
H. B. Williams
The Montreal General Hospital, Montreal

Ballroom

4:30 p.m. ANNUAL BUSINESS MEETING

6:00 to
Salon Marquette—Jolliet

8:00 p.m. “NO HOST” COCKTAIL PARTY/COQUETEL “SANS CEREMONIES”

6:30 p.m.
Salon Duluth — DINNER/BANQUET
Syndicat Professionnel de Chirurgiens Généraux de Québec
Professional Syndicate of General Surgeons of Quebec
Guest Speaker/Conferencier invité: Dr. Charles Trey,
Assistant Professor of Medicine, Harvard Medical School
Topic/Subjet: “Prevention and Treatment of Fulminant Hepatic Failure
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Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
DIVISION OF SURGERY
IN CONJUNCTION WITH
THE CANADIAN ASSOCIATION OF PAEDIATRIC SURGEONS

DIVISION DE LA CHIRURGIE
EN COLLABORATION AVEC
L'ASSOCIATION CANADIENNE DE CHIRURGIE INFANTILE

Friday, January 23

2:40—4:05 p.m.
Saguenay Room

PAEDIATRIC SURGERY/CHIRURGIE PEDIATRIQUE

Panel:

Intestinal Obstruction in the Paediatric Age Group

Moderator:

Dr. Harvey E. Beardmore, Assistant of Surgery,
McGill University, Montreal

Panelists:

Colin C. Ferguson, Professor of Surgery,
University of Manitoba

Richard B. Goldbloom, Professor of Paediatrics,
Dalhousie University

Jacques Ducharme, Associate Professor of Paediatrics,
University of Montreal

Martine F. Favreau-Ethier, Department of Radiology,
Hôpital Ste-Justine, Montreal

Ballroom

4:30 p.m.
ANNUAL BUSINESS MEETING

6:00 to 8:00 p.m. "NO HOST" COCKTAIL PARTY/COQUETEL “SANS CEREMONIES”

6:30 p.m.
Salon Duluth — DINNER/BANQUET

Syndicat Professionnel de Chirurgiens Généraux de Québec
Professional Syndicate of General Surgeons of Quebec

Guest Speaker/Conferencier invité: Dr. Charles Trey,
Assistant Professor of Medicine, Harvard Medical School

Topic/Subjet: “Prevention and Treatment of Fulminant Hepatic Failure
—Results in 400 Patients”
SECTION OF OBSTETRICS AND GYNAECOLOGY
SECTION D'OBSTETRIQUE ET DE GYNECOLOGIE

Friday, January 23
Le vendredi, 23 janvier

Gallery 4

Chairman: Dr. J. P. A. Latour, Montreal

2:40 p.m.
82 Two Cases of Thyrotoxicosis Due to Hydatidiform Mole: Evidence for a New Thyroid Stimulator
H. P. Higgins, J. F. Hershman, F. King and A. Cecchuti,
Departments of Medicine and Obstetrics and Gynaecology,
St. Michael's Hospital and Toronto University, Toronto, and
Department of Medicine, University of Alabama Medical Center,
Birmingham, Alabama

2:55 p.m.
83 Oxytocin Release in Diabetes Insipidus
Luis A. Branda, D.Sc., Carlos A. Fielitz and Ricardo A. Roca,
Servicio de Fisiología Obstetrica, Hospital de Clínicas
Facultad de Medicina, Montevideo, Uruguay

3:10 p.m.
84 The Effect of Pregnancy on the Growth Hormone and Prolactin Cells of the Human Adenohypophysis
L. G. Goluboff and C. Ezrin,
Departments of Pathology and Medicine, University of Toronto, Toronto

3:25 p.m.
85 Galactorrhea Syndromes: Survey of 25 Cases
M. C. Devlin,
Departments of Obstetrics and Gynaecology and Metabolism,
Montreal General Hospital, Montreal

3:40 p.m.
86 Effect of Labor on Plasma Cortisol and Dehydroepiandrosterone Sulfate
Yves Lefebvre, Alcide Chapdelaine and Edouard Bolté,
Department of Obstetrics and Gynaecology,
Notre-Dame Hospital, Montreal

3:55 p.m.
87 Further Studies on the Renin Angiotensin System in Newborn Dogs
J. M. Rojo-Ortega, K. Hayduk, R. Boucher and J. Genest,
Clinical Research Institute of Montreal, Montreal

Ballroom

4:30 p.m. ANNUAL BUSINESS MEETING

6:00 to 8:00 p.m. "NO HOST" COCKTAIL PARTY/COQUETEL "SANS CEREMONIES"

6:30 p.m. Salon Duluth — DINNER/BANQUET
Syndicat Professionnel de Chirurgiens Généraux de Québec
Professional Syndicate of General Surgeons of Quebec
Guest Speaker/Conferencier invité: Dr. Charles Trey,
Assistant Professor of Medicine, Harvard Medical School
Topic/Subjet: "Prevention and Treatment of Fulminant Hepatic Failure
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28
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Saturday, January 24

SYMPOSIA

A. DIABETE, METABOLISME DES LIPIDES ET HYPOPHYSE

Ballroom
Chairman: André Lanthier, Chef, Département de Médecine, Hôpital Notre-Dame, Professeur titulaire et Directeur, Département de Médecine, Université de Montréal

9:00 a.m. Inter-relations hormonales dans le diabète
Jacques Letarte, Professeur adjoint, Département de Pédiatrie, Hôpital Sainte-Justine et Université de Montréal

9:30 a.m. Regulation and Clinical Significance of Serum Triglyceride Values
Charles H. Hollenberg, Professor and Chairman, Department of Medicine, University of Toronto, and Physician-in-Chief, Toronto General Hospital

10:00 a.m. Le traitement de la retinopathie diabétique par hypophysectomie selective antérieure
Bernard Lebocuf, Professeur agrégé, Département de Médecine, Hôpital Notre-Dame et Université de Montréal

10:30 a.m. Discussion

B. THE SCIENTIFIC STUDY OF MEDICAL CARE IN CANADA

Salon Jolliet
Chairman: E. H. Botterell, Dean of Medicine, Queen’s University

9:00 a.m. Sources of Health Care Data
J. Ramsay, Director of Research and Planning, Dept. of Health, Saskatchewan

9:15 a.m. A Study of Surgical Day Care
C. P. Shah, Department of Paediatrics, University of British Columbia, Vancouver

9:30 a.m. The Consumer—The Silent Majority
S. Greenhill, Professor and Chairman, Department of Community Medicine, University of Alberta, Edmonton

9:45 a.m. Sault Ste. Marie Study (A Joint Canada—WHO Project)
J. Hastings, Professor of Public Health and Preventive Medicine, School of Hygiene, University of Toronto

10:00 a.m. WHO/International Collaborative Study on Medical Care Utilization
V. Matthews, Professor and Head, Department of Social and Preventive Medicine, University of Saskatchewan

10:15 a.m. Analysis of Health Care Data
D. Anderson, Professor and Head, Department of Health Care and Epidemiology, University of British Columbia, Vancouver

10:30 a.m. Discussion Period
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY

SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Saturday, January 24
Le samedi, 24 janvier

9:00—11:00 a.m.
FILM SYMPOSIUM

Salon Marquette
Chairman: Dr. Angus D. McLachlin

9:00 a.m.
Differential Diagnosis of Limp in Childhood
Author:
R. B. Salter, Professor of Surgery,
University of Toronto, Toronto

Discussant:
R. L. Cruess, Assistant Professor of Orthopaedic Surgery,
McGill University, Montreal

9:30 a.m.
Operating Room Cholangiography
Author:
R. J. Delaney, Chief of Surgery,
Royal Victoria Hospital, Barrie, Ont.

Discussant:
T. D. McLarty, Associate Professor of Surgery,
University of Western Ontario, London

10:00 a.m.
Intensive Care in Critical Illness
Authors:
F. N. Gurd, Professor and Chairman, Department of Surgery, McGill University, Montreal and
L. G. Hampson, Assistant Professor of Surgery,
McGill University, Montreal

Discussant:
N. Tait McPherdran, Professor of Surgery,
University of Calgary

10:30 a.m.
Trans-Thoracic Removal of Thoracic Disc Protrusions
Authors:
D. D. Munro, Assistant Professor of Surgery,
McGill University, Montreal and
P. L. Perot, Assistant Professor of Neurosurgery,
McGill University, Montreal

Discussant:
S. W. Schatz, Associate Surgeon,
University of Toronto, Toronto
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Saturday, January 24
Le samedi, 24 janvier

Duluth—MacKenzie

SURGICAL FORUM CHIRURGICAL
(Cardiovascular/Cardiovasculaire)

Chairman: Dr. Gilles Lepage, Montreal

9:00 a.m.
122 What do Canadian Surgical Research Fellows Think of Their Research Experience?
R. A. Macbeth,
Department of Surgery, University of Alberta, Edmonton

9:15 a.m.
123 Body Water Balance in Open Heart Surgery
S. Teasdale, R. O. Heimbecker, I. Koven, D. Leaske and
G. S. Elliott, R.N.,
Department of Anaesthesia and Surgery, University of Toronto, Toronto

9:30 a.m.
124 Functional, Metabolic and Histologic Changes after Anoxic Cardiac Arrest
B. S. Goldman, A. S. Trimble, M. A. Sheverini, S. E. Teasdale,
G. S. Elliott, R.N., and M. D. Silver,
Cardiovascular Laboratory, Banting Institute and The Division of Cardiovascular Surgery, Toronto General Hospital, Toronto

9:45 a.m.
125 Contractility and Compliance-Elasticity Studies in Arterial Vein Autografts
W. G. Waddell, I. J. Vogelfanger, V. Moonje, K. U. Malik,
M. MacConaill and G. Ling,
Departments of Surgery and Pharmacology, University of Ottawa, Ottawa

10:00 a.m.
126 An Evaluation of Intrathoracic Balloon Counterpulsation
S. Chatterjee, T. X. Kuriakose and J. Rosensweig,
Lady Davis Institute of Medical Research of the Jewish General Hospital, Montreal

10:15 a.m.
127 Creation and Study of Congenital Heart Defects Produced in the Fetal Lamb
J. D. Burlington, P. M. Olley, R. E. Creighton and J. N. Cummings,
The Hospital for Sick Children, Toronto

10:30 a.m.
128 Advance Heart-Lung Preparation for In Vitro Perfusion Studies
P. J. Morin, G. Coté, P. E. Roy, C. Labrosse, J. P. Després and
M. Beaulieu,
Institut de Cardiologie de Québec, Québec

10:45 a.m.
129 Experimental Cardiac Allografting
N. F. Gergely and J. C. Coles,
Department of Surgery, University of Western Ontario, London

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COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY

SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Saturday, January 24

Ballroom

11:30 a.m.

Chairman: Dr. Jacques Turcot, President

ROYAL COLLEGE LECTURE/CONFERENCE DU COLLEGE ROYAL

Pathophysiologie de l’hypertension portel

Lucien Leger, M.D., Professeur de Technique chirurgicale et chirurgie expérimentale, Université de Paris, et Chirurgien de l'Hôpital Cochin.

2:00 p.m.

Chairman: Dr. Charles D. Drake, Vice-President (Surgery)

ANNUAL AWARD IN SURGERY/TRAVAIL PRIME EN CHIRURGIE

Cellular and Subcellular Mechanisms in Acute Pancreatitis

T. H. Brian Haig, M.D., M.Sc., Ph.D., F.R.C.S.(C)
Medical Research Council Fellow, Department of Surgery, University of Saskatchewan, Saskatoon
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Saturday, January 24          Le samedi, 24 janvier

MacKenzie Room

MEDICINE/MEDECINE
(Endocrinology and Metabolism/Endocrinologie et metabolisme)

Chairman: Dr. John C. Beck, Montreal

2:40 p.m.

10 Studies of Triiodothyronine (T3) in Health and Disease
   Robert Volpe, Vas V. Row, M.Sc., Jean Dussault and Joseph McConnon,
   Department of Medicine, University of Toronto and
   Endocrinology Research Laboratory, Wellesley Hospital, Toronto

2:55 p.m.

11 A Simple Radiologic Demonstration of Cortical Bone Loss in Thyrotoxicosis
   H. E. Meena and D. L. Shatz,
   Department of Radiology and Medicine,
   Toronto Western Hospital, Toronto

3:10 p.m.

12 Blocking Effects of Perchlorate and Iodide on Technetium-99m Pertechnetate
   Thyroid Uptake
   P. G. Walfish, V. Nikore, H. Krieger and B. J. Shapiro,
   Department of Medicine and Radiology, University of Toronto and
   Mount Sinai Hospital, Toronto

3:25 p.m.

13 Clinical Application of L.D.H.-Isoenzymes in Diagnosis
   S. V. Feinman,
   Department of Medicine, University of Toronto and
   New Mount Sinai Hospital, Toronto

3:40 p.m.  INTERMISSION

3:55 p.m.

14 Etude de l'Action de l'Hormone Lipotropique B de Mouton sur l'Utilisation
   du Glucose par le Tissu Adipeux du Rat In Vitro
   A. Gattierau, M. Chrétien et P. Bielmann,
   Institut de Recherches Cliniques de Montréal, Montréal

4:10 p.m.

15 Mean Amplitude of Glycemic Excursions: A Refinement in the Characterization
   of Unstable Diabetes
   F. J. Service, G. D. Molnar, J. W. Rosevear and E. Ackerman,
   Mayo Clinic and Mayo Foundation, Rochester, Minnesota

4:25 p.m.

16 Hyperlipidemia in Diabetes Mellitus: Incidence Prior to Treatment
   N. W. Rodger and E. Du,
   Metabolism Laboratory, St. Joseph's Hospital, Westminster Hospital and
   the University of Western Ontario, London

4:40 p.m.

17 Faecal Electrolytes in the Diagnosis of Hyperaldosteronism
   D. R. Wilson,
   Department of Medicine, University of Toronto and Toronto
   General Hospital, Toronto

4:55 p.m.

18 Inhibitory Effect of Amino-Glutethimide (AG) on Secretion of Adrenal
   Mineralocorticoids and its Clinical Usefulness
   O. Kühnel, K. Horky, W. Nowaczynski, E. Manchero-Rico,
   R. Boucher and J. Genest,
   Clinical Research Institute of Montreal, Montreal

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DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Saturday, January 24
Le samedi, 24 janvier

Duluth Room
GENERAL MEDICINE/MEDECINE GENERALE
Chairman: Dr. D. G. Kinnear, Montreal

2:40 p.m.
25 Intermittent Positive Pressure Breathing in Chronic Obstructive Pulmonary Disease
R. P. Carter and N. M. Lefcoe,
Departments of Medicine, University of Western Ontario and Victoria Hospital, London

2:55 p.m.
26 Respiratory Effects of Regular Cigarette Smoking in Women
Colin R. Woolf and Jesus T. Suero,
Department of Medicine, University of Toronto and Respiratory Research Laboratory, Toronto General Hospital, Toronto

3:10 p.m.
27 Demonstration of Airway Closure and Trapping of Air in the Recumbent Position in Normal and Obese Subjects
J. Couture, J. J. Picken, F. Ruff, E. Housley, D. V. Bates and J. Milic-Emili,
Respiratory Division, Royal Victoria Hospital and McGill University, Montreal

3:25 p.m.
28 Intravenous Galactose Tolerance as a Test of Liver Function
W. C. Watson, J. F. Tuckerman, M. Sallam and C. Rodger,
Gastrointestinal Unit, Royal Infirmary, Glasgow and University Department of Medicine and Gastrointestinal Unit, Victoria Hospital, London

3:40 p.m. INTERMISSION

3:55 p.m.
29 Histoplasma Colitis — Response to Amphotericin B — An Electron Microscopic Study
M. E. Kirk, John Lough and H. A. Warner,
Departments of Gastroenterology and Pathology, Montreal General Hospital; McGill University, Montreal

4:10 p.m.
30 Supradiaphragmatic Gastritis, a Review of 106 Cases
Francis D. Milligan, Beckal Venkatachalam, Robert S. A. Prentice and Ivan T. Beck,
Division of Gastroenterology, Hotel Dieu Hospital, Department of Medicine, Queen’s University, Kingston

4:25 p.m.
31 Management of Fulminating Non-Infective Pseudo-Membranous Colitis
A. Gross, S. Ramchand, J. Kerr and L. S. Valberg,
Departments of Medicine, Pathology and Surgery, Queen’s University, Kingston

4:40 p.m.
32 The Natural History of Adult Coeliac Disease: A Report Based on a Series of Fifty Cases
W. C. Watson, D. Murray, A. Ferguson and J. D. Maxwell,
The Royal Infirmary Glasgow and the University Department of Medicine and the Gastrointestinal Unit, Victoria Hospital, London

4:55 p.m.
33 Studies on Iron Metabolism in Liver Disease
A. Aronoff and C. A. Goersky,
The Queen Mary Veterans Hospital and the McGill University Medical Clinic, Montreal

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DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

ADVANCES IN MEDICINE
PROGRES RECENTS EN MEDECINE

Saturday, January 24

GROUP I

Salon Jolliet
Chairman: Dr. Léandre Décarie, Montreal

2:40 p.m.  Gout
M. A. Ogryzlo, Associate Professor of Medicine,
University of Toronto

3:10 p.m.  Mechanisms of Hemolysis in Hemolytic Anemia
G. R. Langley, Associate Professor of Medicine,
Dalhousie University

3:40 p.m.  Intermission

3:55 p.m.  Some Aspects of Liver Failure
A. Viallet, Assistant Professor of Medicine,
University of Montreal
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Saturday, January 24

Le samedi, 24 janvier

Gallery 1

SURGICAL FORUM CHIRURGICAL
(Miscellaneous subjects/Sujets divers)
Chairman: Dr. William R. Drucker, Toronto

2:40 p.m.
130 A Direct Study of the Interstitial Phase of Extracellular Fluid
I. H. Koven, R. Cotton, G. Douglas and R. E. Mathews,
Department of Surgery, University of Toronto and
Mount Sinai and Toronto Western Hospitals, Toronto

2:55 p.m.
131 The Effect of Surgery on Aldosterone Secretion Rate
H. M. Shizgal and J. R. Gutelius,
Department of Surgery, Royal Victoria Hospital and
McGill University, Montreal

3:10 p.m.
132 Survival in Profound Hypovolemia: II. Differentiation of the Role of Heart,
Lung and Brain
Patrick F. Golden and John A. Jane,
Case Western Reserve University School of Medicine and
Veterans Administration Hospital, Cleveland, Ohio

3:25 p.m.
133 The Treatment of Experimental Hemorrhagic Shock in Rats with
Adenosine Triphosphate and Mitochondria
N. M. Sheiner, A. Sheppard, Ph.D., J. Rothschild, A. Rosenberg and
I. Shragovitch,
Jewish General Hospital, Montreal

3:40 p.m. INTERMISSION

3:55 p.m.
134 Obstacles in Oxygen Transport Observed During Aeromedical Evacuation
John N. Henry, Teruo Matsumoto and George Hayes,
The Walter Reed Army Institute of Research, Washington, D.C.
(Sponsor: Fraser N. Gurd)

4:10 p.m.
135 Lipemia and Intravascular Coagulation
D. B. Allardyce,
Department of Surgery, University of British Columbia, Vancouver

4:25 p.m.
136 Adjuvant Experimental Arthritis: Its Pathogenesis and Suppression
Chin Kwo, K. Saidi, Jacques Gagnon, Robert Ayotte and
Carroll A. Laurin,
Hôpital-Dieu Hospital, Montreal

4:40 p.m.
137 An Intestinal Valve in Urinary Diversion
D. E. Moors, W. E. Collins, I. J. Vogelfanger, A. Chiricosta and
M. Oxley,
Ottawa Civic Hospital, University of Ottawa, Ottawa

4:55 p.m.
138 Effects of Radiation on Lymph Flow and Lymph Node Filtration Function
B. K. Sinha,
Department of Surgery, Winnipeg General Hospital and
Manitoba Cancer Treatment and Research Foundation, Winnipeg

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DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Saturday, January 24
Le samedi, 24 janvier

Ballroom

GASTROINTESTINAL SURGERY/CHIRURGIE GASTROINTESTINALE
Chairman: Dr. Euchariste Samson, Quebec

2:40 p.m.
139 Emergency Treatment of Bleeding Oesophageal Varices with an Extracorporeal Umbilico-Systemic Shunt
Yvan J. Silva and Alexander J. Walt,
Wayne State University School of Medicine and
Detroit General Hospital, Detroit

2:55 p.m.
140 Intestinal Obstruction Due to Gall Stones
T. Jacob and L. G. Hampson,
Montreal General Hospital, Montreal

3:10 p.m.
141 A Review of 89 Cases of Gastrointestinal Carcinoids Seen at the Vancouver General Hospital Between 1950-1968
I. T. M. Sandy, D. B. Rix and M. Budden,
Department of Pathology and Surgery,
Vancouver General Hospital, Vancouver

3:25 p.m.
142 A New Therapeutic Approach to Biliary Strictures
Pierre Lavoie
Saint-Luc Hospital, Montreal

3:40 p.m. INTERMISSION

3:55 p.m.
143 Perforated Appendicitis
C. Youngstrom and L. G. Hampson,
Montreal General Hospital, Montreal

4:10 p.m.
144 Diverticulite Aigue de l'Appendice: Etude Clinique de 61 Cas
Luc Deschênes, Robert Garneau et Jean Couture,
Service d'Anatomie pathologique et Département de chirurgie,
Hôpital du Saint-Sacrement, Québec

4:25 p.m.
145 Carcinoma of the Large Intestine in Patients Suffering from Ulcerative Colitis Since Childhood
G. J. Devroede, M. M. Dockerty, W. G. Sauer, G. B. Stickler and
R. J. Jackman,
Mayo Clinic, Rochester, Minnesota

4:40 p.m.
146 Diverse Uses of Continuous Peritoneal Lavage
J. P. McKenna, D. J. Currie and J. A. MacDonald,
St. Michael Hospital, Toronto

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Saturday, January 24
Le samedi, 24 janvier

Marquette Room

CARDIOVASCULAR SURGERY/CHIRURGIE CARDIOVASCULAIRE
Chairman: Dr. Peter E. Blundell, Montreal

2:40 p.m.
97 A Vertical Membrane Lung
C. Labrosse, P. J. Morin, M. Beaulieu, J. P. Deprés and P. E. Roy,
Quebec Institute of Cardiology,
Department of Surgery, Laval Hospital and Laval University, Quebec

2:55 p.m.
98 Sticky Mitral Ball-Valve (Cutter) Syndrome: A Clinical and
Hemodynamic Observation
Simon J. K. Lee, A. Z. Zaragoza, J. C. Callaghan, C. M. Couves and
L. P. Sterns,
Department of Medicine and Surgery, University of Alberta Hospital,
Edmonton

3:10 p.m.
99 Implantable Transvenous Cardiac Pacemakers: Indications,
Complications and Management
L. L. Black, I. H. Lipton and B. S. Goldman,
Division of Cardiovascular Surgery, Toronto General Hospital, Toronto

3:25 p.m.
100 Diluted ACD Blood as Perfusate for Open-Heart Surgery
W. B. Firor and B. Bharadwaj,
Department of Surgery, University of Saskatchewan, Saskatoon

3:40 p.m. INTERMISSION

3:55 p.m.
101 Surgical Palliation of Angina Pectoris by Chronic Intermittent
Electrical Stimulation of Carotid Sinus Nerve
Jaroslaw Barwinsky,
Cardiovascular—Thoracic Surgical Service, St. Boniface General Hospital,
University of Manitoba, Winnipeg

4:10 p.m.
102 The Hemodynamic Effects of Exogenous Catecholamines in Patients
Following Cardiac Transplantation
Lucien Campeau, Luisa Pospisil and Pierre Grondin,
Institut de Cardiologie de Montréal, Montréal

4:25 p.m.
103 Measurement of Cardiac Function Following Heart Transplantation
Margaret R. Becklake, A. R. C. Dobell, G. Fraser, A. Graham,
G. Lemire, A. L. Johnson and W. H. Palmer,
Departments of Surgery, Medicine and Epidemiology and Health,
McGill University and Royal Victoria Hospital, Montreal

4:40 p.m.
104 Chirurgie Directe vs Implantations dans la Maladie Coronarienne
Pierre Grondin, Gilles Lepage, Yves Castonguay, Claude Meere et
Claude Gondin,
Institut de Cardiologie de Montréal, Montréal

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
DIVISION OF SURGERY
IN CONJUNCTION WITH
THE CANADIAN ASSOCIATION OF PAEDIATRIC SURGEONS

DIVISION DE LA CHIRURGIE
EN COLLABORATION AVEC
L'ASSOCIATION CANADIENNE DE CHIRURGIE INFANTILE

Saturday, January 24
Le samedi, 24 janvier

Saguenay Room
PAEDIATRIC SURGERY/CHIRURGIE PEDIATRIQUE
Chairman: Dr. Barry Shandling, Toronto

2:40 p.m.
161 Aortography in Diagnosis of Abnormal Masses in Children
J. D. Burrington and C. A. F. Moes,
Hospital for Sick Children, Toronto

2:55 p.m.
162 Intussusception — 300 Cases in Ten Years (1959-1968)
Sigmund T. Ein, W. Nelgys and Clinton A. Stephens,
Hospital for Sick Children, Toronto

3:10 p.m.
163 Congenital Diaphragmatic Hernia. A Review of 50 Consecutive Cases
Frank M. Guttman, Pierre Racette and Pierre Paul Collin,
Ste. Justine Hospital, Montreal

3:25 p.m.
164 The Treatment of Congenital Megacolon Treated by the Soave Procedure of Endo Rectal Pull-Through
J. C. Ducharme, P. Racette and P. P. Collin,
Ste. Justine Hospital, Montreal

3:40 p.m. INTERMISSION

3:55 p.m.
165 Replacement of the Esophagus by Colon in Infants and Children
Colin C. Ferguson,
Department of Surgery, The Children's Hospital of Winnipeg and The University of Manitoba, Winnipeg

4:10 p.m.
166 Right Hepatic Lobectomy in Infants and Children
Gordon S. Cameron,
Hamilton District Hospitals, Hamilton

4:25 p.m.
167 Tracheal Dynamics in Infants with Tracheomalacia
D. Alton Murphy and Judy Kovis,
The Montreal Children's Hospital, Montreal

4:40 p.m.
168 Hiatal Hernia in Infants and Children
M. Rohatgi, B. Shandling and C. A. Stephens,
Hospital for Sick Children, Toronto

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
COMBINED SESSION
SEANCE CONJOINTE

Saturday, January 24

Le samedi, 24 janvier

Gallery 2
NEUROLOGY—NEUROSURGERY
Chairman: Dr. Francis McNaughton, Montreal

2:40 p.m.
66 The Effect of Asphyxia, Hypoxia and Hypercapnia on Cerebral Water and Electrolytes
J. W. Norris and H. M. Pappius,
Donner Laboratory, Montreal Neurological Institute, Montreal

2:55 p.m.
67 The Neurological Aspects of the Inappropriate A.D.H. Syndrome
C. Dila, R. M. Ford and W. F. T. Tatlow,
Montreal General Hospital, Montreal

3:10 p.m.
J. Preston Robb,
Montreal Children's Hospital, Montreal

3:25 p.m.
69 A Case of Subacute Sclerosing Panencephalitis Subsiding Spontaneously
Henry G. Dunn and Bluma Tischler,
Department of Paediatrics, University of British Columbia and
The Woodlands School, New Westminster

3:40 p.m. INTERMISSION

3:55 p.m.
70 Transient Global Amnesia
H. B. Dinsdale,
Department of Medicine, Queen's University, Kingston

4:10 p.m.
71 Syndrome of Subacute Ophthalmoplegia with Areflexia and Ataxia
(An Unusual Form of Cranial Polyneuropathy)
J. P. Spire, T. Elizan, D. L. Lloyd-Smith and F. A. Baughman,
Montreal Neurological Institute, Montreal

4:25 p.m.
72 The Dynamics of Hydromyelia, a Radiological and Clinical Demonstration
Gilles Bertrand and Gary Ashby,
Montreal Neurological Institute, Montreal

4:40 p.m.
73 Cauda Equina Compression Due to Lumbar Disc Protrusion
Maurice Best and R. Graham Vanderlinden,
Toronto Western Hospital, Toronto

Numbers opposite titles correspond with numbering of abstracts in January issue of Annals.
SECTION OF OBSTETRICS AND GYNAECOLOGY
SECTION D'OBSTETRIQUE ET DE GYNECOLOGIE

Saturday, January 24

Le samedi, 24 janvier

Gallery 4

Chairman: Dr. R. A. Kinch, Montreal

2:40 p.m.
88 The Menopause: Symptomatology and Replacement Therapy
Richard Wilson and M. N. Kroch,
Department of Obstetrics and Gynaecology, Faculty of Medicine,
University of Toronto

2:55 p.m.
89 Chronic Pelvic Inflammation as a Precursor to Ectopic Pregnancy —
Fact or Fancy?
J. S. Campbell, I. Krongold, B.Sc., and J. P. Ferguson,
Departments of Pathology and Obstetrics and Gynaecology,
University of Ottawa and Ottawa General Hospital, Ottawa

3:10 p.m.
90 Condylomatoid Dysplasias, Papillary and Verrucous Carcinomas of the
Squamous Epithelium of the Female Genitalia
H. H. Mak, J. Robin Barr, J. S. Campbell and H. Danziger,
Department of Pathology, Ottawa General Hospital, Ottawa Civic
Hospital and University of Ottawa, The Canadian Tumor Referral
Centre of the National Cancer Institute of Canada and
Welland General Hospital, Welland

3:25 p.m.
91 Clinical Experience with a Rapid Technique for the Determination of
Plasma Progesterone
Patrick Dorr, Beverley E. P. Murphy and Miriam Choong, B.Sc.,
Department of Obstetrics, Saint Mary's Hospital and
Department of Investigative Medicine, McGill University, Montreal

3:40 p.m. INTERMISSION

3:55 p.m. SYMPOSIUM — Special Radiological and Endoscopic Techniques for
Pelvic Diagnosis
Chairman: Dr. R. A. Kinch, Montreal
Participants:
LAPAROSCOPY:
J. E. Morgan, Toronto General Hospital
PNEUMOGYNECOGRAPHY:
G. H. Arronet, Infertility Centre, Royal Victoria Hospital
COLPOSCOPY:
F. R. Papsin, Toronto Western Hospital
AMNIOSCOPY:
Sidney B. Effer, Hamilton Civic Hospitals
HYSTEROSCOPY:
L. E. Lotimer, Hamilton Civic Hospitals

4:45 p.m. DISCUSSION

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## 1970 Annual Meeting — Programme Schedule

### Thursday, January 22

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<td>8.30 a.m.</td>
<td>Registration</td>
<td>Convention Floor</td>
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<td>9.00 a.m.</td>
<td>Surgical Forum — Gastrointestinal</td>
<td>Duluth MacKenzie</td>
<td>8</td>
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<td>11.00 a.m.</td>
<td>Symposium: A: Chronic Bronchitis*</td>
<td>Ballroom</td>
<td>7</td>
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<td></td>
<td>B: New Abortion Law*</td>
<td>Marquette Jolliet</td>
<td>7</td>
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<td>11.00 a.m.</td>
<td>Intermission</td>
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<td>11.30 a.m.</td>
<td>R.C. Lecture: G. M. Brown*</td>
<td>Ballroom</td>
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### Friday, January 23

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<td>7.30 a.m.</td>
<td>Business Meeting—Certificants</td>
<td>Gallery 4</td>
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<td>9.00 a.m.</td>
<td>Surgical Forum — Transplantation</td>
<td>Duluth MacKenzie</td>
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<td>11.00 a.m.</td>
<td>Symposium: A: Respiratory Insufficiency*</td>
<td>Ballroom</td>
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<td>B: Neuromuscular Disorders*</td>
<td>Marquette Jolliet</td>
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<tr>
<td>11.00 a.m.</td>
<td>Intermission</td>
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<tr>
<td>11.30 a.m.</td>
<td>R.C. Lecture: R. A. Good*</td>
<td>Ballroom</td>
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### Saturday, January 24

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<td>Surgical Forum — Cardiovascular</td>
<td>Duluth MacKenzie</td>
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<tr>
<td>11.00 a.m.</td>
<td>Symposium: A: Diabetes, Métabolisme etc.* Ballroom</td>
<td>Jolliet 29</td>
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<tr>
<td></td>
<td>B: Medical Care Studies*</td>
<td>Jolliet 29</td>
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<tr>
<td>11.00 a.m.</td>
<td>Film Symposium</td>
<td>Marquette</td>
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<tr>
<td>11.30 a.m.</td>
<td>R.C. Lecture: L. Léger*</td>
<td>Ballroom</td>
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### Appendix

- For Wednesday afternoon programme of jointly sponsored by C.S.C.I.—Royal College see pages 5 and 6.
COMMITTEE ON SCIENTIFIC MEETINGS

Chairman: Dr. J. P. Gemmell, Winnipeg
Members: Dr. N. C. Delarue, Toronto
         Dr. Jacques Genest, Montreal
         Dr. N. K. MacLennan, Sydney
         Dr. R. B. Salter, Toronto
         Dr. F. J. Tweedie, Montreal

Chairmen, Scientific Programme Committees
Division of Medicine — Dr. D. M. Whitelaw, Vancouver
Division of Surgery — Dr. Jean Couture, Québec
Section of Obstetrics and Gynaecology — Dr. Gilles Hurteau, Ottawa

COMMITTEE ON LOCAL ARRANGEMENTS

Co-chairmen: Dr. J. Lester McCallum
            Dr. de Guise Vaillancourt

Chairmen of Sub-committees:
Audio-visual Aids — Dr. Marcel Rheault
Convocation — Dr. T. Primrose
Hospitality — Dr. Roger Dufresne
Housing — Dr. Arnold Jones
Ladies' Programme — Mrs. John Howlett
Press and Public Relations — Dr. Edouard Desjardins
Programme

January 21st: The Montreal Children's Hospital
9:00 a.m. to 10:00 a.m.
Business meeting (members only)/Réunion d’affaires (membres seulement)
Presiding: H. E. Beardmore, M.D.
10:00 a.m. to 10:50 a.m.
Antibiotics in Paediatric Surgery
Norman Eade, M.D.
10:50 a.m. to 11:10 a.m.
Coffee / café
11:10 a.m. to 12:00
The Bronchi in Lobar Emphysema and Lung Cysts
F. W. Wiglesworth, M.D.

L'Hôpital Ste. Justine
12:30 p.m. to 2:00 p.m.
Luncheon / Dîner
2:00 p.m. to 4:00 p.m.
Case Presentations with discussion / Présentations des cas avec discussion
Presiding: J. G. Desjardins, M.D.

January 23rd: Queen Elizabeth Hotel—L'Hôtel Reine Elizabeth
Joint Meeting with the Royal College of Physicians and Surgeons of Canada
Réunion conjointe avec le Collège Royal des Médecins et Chirurgiens du Canada
2:40 p.m. to 4:10 p.m.
Symposium – Intestinal Obstruction in the Paediatric Age Group
Moderator – H. E. Beardmore, M.D.
Members
R. B. Goldbloom  C. C. Ferguson  J. C. Ducharme  M. Favreau-Ethier

January 24th –
2:40 p.m. to 5:10 p.m.
Scientific Presentations / Présentations Scientifique
Presiding: B. Shandling, M.D.

Social

January 21st –
7:30 p.m.
Annual Banquet (Black Tie) / Banquet Annuel (Cravate Noire)
Montreal Badminton and Squash Club
3505 Atwater Avenue

January 22nd –
6:30 p.m.
President’s Reception / Réception du Président
3186 The Boulevard