Programme

THIRTY-EIGHTH ANNUAL MEETING
TRENTE-HUITIÈME RÉUNION ANNUELLE

HOTEL VANCOUVER
VANCOUVER, B.C.

JANUARY 23, 24, 25 JANVIER

1969
Doctor P.C. Ashmore
Doctor H. Beadmore
Doctor C. Brunt
Doctor Paul-Pierre Collin
Doctor J.G. Desjardins
Doctor J.C. Ducharme
Doctor F. Duval
Doctor C.C. Ferguson
Doctor F.N. Guttman
Doctor A.W. Juckes
Doctor R. Kennedy
Doctor M.R. Kliman
Doctor S. Kling
Doctor D.C. Marshall
Doctor R.H. Marshall
Doctor D.R. Murphy
Doctor B. Shandling
Doctor G.C. Fraser
The Royal College of Physicians and Surgeons of Canada
Le Collège Royal des Médecins et Chirurgiens du Canada

Programme

THIRTY-EIGHTH ANNUAL MEETING
TRENTE-HUITIÈME RÉUNION ANNUELLE

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JANUARY 23, 24, 25 JANVIER
1969
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<tr>
<th>Time</th>
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<td><strong>Morning</strong></td>
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<td>8.30 a.m.</td>
<td>Registration</td>
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| 9.00 a.m. | Symposium:  
- Microcirculation—The Clinical Potential of New Experimental Observations  
- Inborn Errors of Metabolism—Some Pathological Biochemical and Genetic Features  
- Surgical Forum: Gastrointestinal         | Pacific Ballroom | 7    |
| 11.00 a.m.| Intemission                                        | Waddington Room  | 8    |
| 11.30 a.m.| Royal College Lecture: Dr. J. C. Beck             | Pacific Ballroom | 9    |
| **Afternoon**|                                                  |                  |      |
| 12.30 p.m.| Lunch                                              | Pacific Ballroom | 9    |
| 2.00 p.m. | Medallist in Medicine                              |                  |      |
| 2.40 p.m. | Scientific Sessions to Division of Medicine       |                  |      |
| 5.00 p.m. | - Cardiorespiratory  
- Endocrinology  
- Haematology  
- Division of Surgery: Gastrointestinal Surgery  
- Orthopaedics and Urology  
- Surgical Forum  
- Obstetrics and Gynaecology                      | British Room     | 10   |
|           | Obsetrics and Gynaecology                          | Vancouver Island Room | 16   |
| **Evening**|                                                    |                  |      |
| 6.00 p.m. | "No Host" Cocktail Party                          | British Room     |      |
| 8.00 p.m. |                                                    |                  |      |
| 7.30 a.m. | Breakfast Meeting of Certificates                  | Columbia Room    |      |
| 9.00 a.m. | Symposium:  
- Neurochemistry: The Clinical Application of Basic Concepts  
- Diseases Resulting from Disordered Physiology of the Upper Gastrointestinal Tract  
- Some Aspects of Failure of Vancouver Island Intra-Uterine Growth (Paediatrics & Obstetrics)  
- Surgical Forum—Shock                          | British Room     | 17   |
| 11.00 a.m.| Intemission                                        | Waddington Room  | 19   |
| 11.30 a.m.| Royal College Lecture: Dr. Carlton Auger           | Pacific Ballroom | 20   |
| 12.30 p.m.| Lunch                                              | Pacific Ballroom | 20   |
| 2.00 p.m. | Scientific Sessions to Division of Medicine       | Pacific Ballroom | 20   |
| 5.00 p.m. | Advances in Medicine                               | Waddington Room  | 20   |
| 7.00 p.m. | Medallist in Medicine                              | Pacific Ballroom | 20   |
| **Evening**|                                                    |                  |      |
| 8.30 p.m. | Convocation                                         | Pacific Ballroom |      |
| 9.30 p.m. | Reception in Honour of New Fellows                 | Vancouver Island Room |      |
|           |                                                    | British Rooms    |      |
| 7.30 p.m. | President's Reception                              | Pacific Ballroom |      |
| 8.30 p.m. | Annual Dinner and Dance                            | British-Columbia Ballroom |      |

For Wednesday afternoon programme of symposia jointly sponsored by C.S.C.I. — Royal College see pages 5 and 6.
ANNOUNCEMENTS

1. Registration
   The Registration Desk, located in the Foyer of the Convention Floor, will be open from noon until 9:00 p.m. on Wednesday, January 22, and from 8:30 a.m. until 5:00 p.m. on January 23, 24 and 25. 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 Hotel Vancouver on Tuesday and Wednesday, January 21 and 22. 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 three 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 courtesy of British Columbia Telephone Company a silent Telephone — T.V. Message Centre Service is being provided to handle all incoming telephone calls for 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 Banquet Room foyer to receive your message. The telephone number of the Answering Service is 682-2373 (Area Code 604). If you wish to receive emergency calls during the meeting, leave this number with your wife and secretary.
   Adjacent to the Message Centre there will be a small scientific exhibit of communications equipment of interest to the profession. You may show your appreciation of this Service by taking a moment to visit the exhibit.

4. “No Host” Cocktail Party
   On Thursday evening, the Ladies’ Committee has planned a “no host” cocktail party which will be held in the British Room, 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 to 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
   Because of modifications in the format of the programme for this year’s meeting, your attention is drawn to the change in 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 24, in the Columbia Room. The Annual Business Meeting of the Fellows, which the Certificants are also invited to attend, will be held in the Pacific Ballroom on Friday, January 24, at 4:30 p.m.

7. Medical Services
   In case of illness, medical services can be obtained from the Vancouver Hotel Physician. (Local 7-562).
   IF EMERGENCY CARDIO-PULMONARY RESUSCITATION SERVICES SHOULD BE REQUIRED, ASK HOTEL SWITCHBOARD OPERATOR FOR EXTENSION 7-478.
1. **Inscription**
   Le poste d'inscription, situé dans le foyer de l'étage des Congrès, fonctionnera de 8 h 30 a.m. à 5 h p.m., les 23, 24 et 25 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 de la Colombie-Britannique au bénéfice de tous les participants à l’Assemblée. 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 de la Salle des banquet pour y recevoir votre message. Le numéro de téléphone du Service est 682-2373 (code régional 604). Si vous désirez recevoir les appels d’urgence durant l’Assemblée, laissez note de ce numéro à votre épouse et à votre secrétaire.
   Un petit étalage scientifique de matériel de communication intéressant la profession sera aménagé dans le voisinage immédiat du Centre. Vous pourrez y manifester que vous appréciez le geste de la Compagnie de téléphone en consacrant quelques instants à la visite de l’étalage.

4. **Coquetel "sans cérémonies"**
   Le mardi soir, le Comité des dames tiendra un coquetel dans la salle Britannique, de 6 h à 8 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. Prix: $10 par personne.

6. **Réunions administratives**
   A cause des modifications apportées à la composition du programme de l’Assemblée de cette année, nous appelons votre attention sur le changement intervenu dans l’heure des réunions administratives. La réunion administrative annuelle des Certifiés consistera dans une réunion-petit déjeuner tenue à 7 h 30 a.m. le vendredi 24 janvier, dans la salle Columbia. La réunion administrative annuelle des Associés, à laquelle les Certifiés sont aussi invités à assister, aura lieu dans la salle de bal Pacifique le vendredi 24 janvier, à 4 h 30 p.m.

7. **Soins médicaux:**
   En cas de maladie le médecin attitré de l'Hôtel Vancouver assurera les soins médicaux. (poste 7-562).
   **SI DES SERVICES DE RESSUSCITATION CARDIO-PULMONAIRE D’URGENCE SONT REQUIS ON DOIT APPELER L’OPERATRICE DE L'HOTEL ET DEMANDER LE POSTE 7-478.**
SYMPOSIA

2:00 p.m. — 5:30 p.m.

Jointly sponsored by the Canadian Society for Clinical Investigation and the Royal College of Physicians and Surgeons of Canada.

Subventionné conjointement par la Société Canadienne de Recherches Cliniques et par le College Royal des Médecins et Chirurgiens du Canada.

I

PARATHYROID HORMONE AND CALCITONIN

British Room

Chairman: D. H. Copp, University of British Columbia.

“Historical Development of the Field”

Participants: J. T. Potts Jr., Massachusetts General Hospital, Harvard University, Boston.

“Chemistry and Control of Secretion of Parathyroid Hormone”

A. Tenenhouse, McGill University, Montreal.

“Mode of Action of Parathyroid Hormone and Calcitonin”

C. Arnaud, Mayo Clinic, Rochester.

“Clinical Implications of Parathyroid Hormone and Calcitonin”

II

IMMUNOGLOBULINS, ANTIBODIES, AND MYELOMA PROTEINS

Waddington Room

Chairman: F. Paraskevas, University of Manitoba, Winnipeg.

“Antibody-Myeloma Proteins: The Pursuit of a Chimera”

Participants: D. Osoba, University of Toronto, Toronto.

“Cellular Aspects of Antibody Synthesis”

A. Sehon, McGill University, Montreal.

“Structure of Antibodies”

D. Bergsagal, University of Toronto, Toronto.

“M-proteins, Clinical Manifestations and Survival in Plasma Cell Myeloma”
SHOCK

Vancouver Island Room

Chairman: M. Nickerson, McGill University, Montreal.

Participants:

K. MacCannell, University of British Columbia, Vancouver
“The Physiological Basis of Shock Therapy”

L. D. MacLean, McGill University, Montreal.
“Treatment of Septic Shock with Special Reference to the Use of B Adrenergic Stimulants”

A. E. Thomson, University of Manitoba, Winnipeg.
“Management of the Patient in Shock”

M. W. Weill, University of Southern California, School of Medicine, Los Angeles.
“Current Concepts of the Mechanisms of Shock Accompanying Myocardial Infarction and Their Implications for Therapy”
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE
Thursday, January 23

TEACHING SYMPOSIA

I
MICROCIRCULATION — THE CLINICAL POTENTIAL
OF NEW EXPERIMENTAL OBSERVATIONS
Pacific Ballroom

Chairman:
P. G. Ashmore, Clinical Associate Professor,
Department of Surgery,
University of British Columbia.

Participants:
W. H. Feindel, Wm. Cone Professor of Neurosurgery,
McGill University.
Ian Turnbull, Clinical Instructor,
Division of Neurosurgery,
University of British Columbia.
Stephen Drance, Assistant Professor of Ophthalmology,
University of British Columbia.
Gordon Harris, Clinical Instructor in Ophthalmology,
University of British Columbia.
Bruce Allarduce, McLaughlin Fellow,
Department of Surgery,
University of British Columbia.

Recent advances in methods of studying the microcirculation have enabled
investigators to understand more completely the pathophysiology of many
clinical syndromes, e.g. microembolism following shock, major vascular surgery,
extracorporeal circulation etc. The panel will describe these advances and show
how they apply to a variety of clinical conditions including those of a
neurologic and ophthalmologic nature.

II
INBORN ERRORS OF METABOLISM — SOME PATHOLOGICAL,
BIOCHEMICAL AND GENETIC FEATURES
British Room

Chairman:
James R. Miller, Professor and Head,
Division of Medical Genetics,
Department of Paediatrics,
University of British Columbia.

Participants:
R. Brian Lowry, Assistant Professor,
Division of Medical Genetics,
Department of Paediatrics,
University of British Columbia.
Derek Applegarth, Ph.D., Assistant Professor of Paediatrics,
University of British Columbia.
David Hardwick, Assistant Professor of Pathology,
University of British Columbia.
Louis Woolf, Associate Professor,
Section of Neurological Sciences,
Department of Psychiatry,
University of British Columbia.
Thomas Perry, Professor of Pharmacology,
University of British Columbia.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Thursday, January 23

Waddington Room

SURGICAL FORUM
(Gastro-intestinal)

Chairman: Dr. Robert A. Macbeth, Edmonton.

9:00 a.m.
106 Freezing Technique in Organ Preservation
    F. M. Guttmann, A. Khalessi, G. Berdnikoff, T. Makita and
    E. B. Sandborn,
    Department of Surgery, Hôpital Ste. Justine, Montreal and
    Department of Anatomy, University of Montreal.

9:15 a.m.
107 The Effect of Acute Damage of the Host Liver on Homograft Function in
    Auxiliary Liver Transplantation
    M. Slapak, G. Mizamoto, G. Giles, M. Wexler and W. V. McDermott,
    Department of Surgery, Boston City Hospital and
    Harvard Medical School.

9:30 a.m.
108 Recipient Hepatectomy following Heterotopic Liver Transplantation
    J. G. Beaudoin, L. D. MacLean,
    Department of Surgery, Royal Victoria Hospital, Montreal.

9:45 a.m.
109 Effects of Vasopressin on Portal and Systemic Haemodynamics in Intact
    Unanaesthetized Humans
    Yvan J. Silva, Robert C. Moffat and Alexander J. Walt,
    Department of Surgery, Wayne State University School of Medicine.

10:00 a.m.
110 The Factor of Biliary Tract Infection in the Etiology of Pancreatitis
    Paul Poncelet and Alan G. Thompson,
    McGill University Surgical Clinic, Montreal General Hospital.

10:15 a.m.
111 The Use of Living Cell Suspensions in the Study of Pancreatitis
    T. H. Brian Haig,
    Department of Surgery, College of Medicine,
    University of Saskatchewan, Saskatoon.

10:30 a.m.
112 Angiography — An Aid to Diagnose Strangulation of Bowel
    R. L. Holliday, R. F. Colapinto and N. T. McPhedran,
    The Departments of Surgery and Radiology, Toronto General Hospital
    and University of Toronto.

10:45 a.m.
113 Intestinal Homotransplantation
    Peter A. Salmon, Alan Frissell, Donald Boisvert,
    Ralph Edwards and Kyung K. Lee,
    Surgical Medical Research Institute, University of Alberta.

11:00 a.m.
114 The Mechanism of Gastric Hypersecretion Following Massive Small
    Intestinal Resection in Dogs
    Kan-Yan Chow, G. F. Bondar and W. W. Yakimets,
    Surgical-Medical Research Institute, University of Alberta.
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Thursday, January 23

Pacific Ballroom

11:30 a.m.

Chairman: Dr. Jacques Turcot, President

ROYAL COLLEGE LECTURE/CONFERENCE DU COLLEGE ROYAL

Graduate Medical Education —
Crisis and Challenge

Professor of Medicine, McGill University, and
Physician-in-Chief, Royal Victoria Hospital.

2:00 p.m.

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

ANNUAL AWARD IN MEDICINE/TRAVAL PRIME EN MEDECINE

Acute Oliguric Renal Failure in Man:
Evidence for Preferential Renal Cortical Ischemia

Norman K. Hollenberg, M.D., Ph.D., F.R.C.P.(C).
Assistant Professor of Radiology and Medicine and
Director, Cardiovascular Research, Harvard Medical School and
Associate in Medicine, Peter Bent Brigham Hospital, Boston.
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Thursday, January 23
Le jeudi, 23 janvier

British Room

CARDIORESPIRATORY DISEASE
Chairman: Dr. A. R. Cox, Vancouver.

2:40 p.m.
1 Serum Precipitins to Asperillus in Chronic Lung Disease
   P. Landrigan and F. deGuzman,
   Department of Medicine, Dalhousie University, Halifax.

2:55 p.m.
2 Pulmonary Function in Asbestos Industry Workers
   G. G. Fournier-Massey, M. R. Becklake, C. E. Rossiter and
   J. C. McDonald,
   Department of Epidemiology and Health, McGill University, Montreal.

3:10 p.m.
3 Report of a Survey in the Polyurethane Foam Industry
   N. M. Lefcoe,
   University of Western Ontario, Department of Medicine,
   Victoria Hospital, London.

3:25 p.m.
4 Home Care of Chronic Pulmonary Disease
   Reuben M. Cherniack,
   Cardio-Respiratory Unit, Winnipeg General Hospital.

3:40 p.m. INTERMISSION

3:55 p.m.
5 Mitral Regurgitation Due to Ruptured Chordae Tendinae: A Clinical,
   Hemodynamic and Postoperative Follow Up Study
   S. J. K. Lee, M. Gehmlich, R. E. Rossall and R. S. Fraser,
   Department of Medicine, University of Alberta Hospital, Edmonton.

4:10 p.m.
6 The Hemodynamic Response of the Right Ventricle Following Acute Partial
   Obstruction of the Main Pulmonary Artery in Dogs
   Dennis J. Vince,
   Department of Paediatrics, University of British Columbia, Vancouver.

4:25 p.m.
7 The Significance of Arterial Blood Gases in Myocardial Infarction
   W. H. Palmer, G. A. Klassen, W. Williams and L. Stein,
   McGill University Clinic of Royal Victoria Hospital, Montreal.

4:40 p.m.
8 Compositional Studies in Normal Subjects and Patients with Congestive Heart
   Failure
   B. M. Carruthers, M. Seraglia and G. C. Walsh,
   Clinical Investigation Unit, Shaughnessy Hospital, Vancouver.

4:55 p.m.
9 Propranolol in Angina Pectoris
   D. S. Beanlands, T. T. Zsoter,
   Toronto Western Hospital, Toronto.

10
2:40 p.m.
10 Light Coagulation and the Management of Diabetic Retinopathy
H. L. Tanenbaum and J. Wallace McMeel,
Mass. Eye and Ear Infirmary and Retina Foundation, Boston.

2:55 p.m.
11 The Use of Corticosteroids and Immuran in the Treatment of
Exophthalmos and Pretibial Myxoedema of Graves' Disease
Robert Volpé, Jean Dussault, Vas V. Row and Edouard Schonbaum,
Departments of Medicine and Pharmacology, University of Toronto,
and Endocrine Research Laboratory, Wellesley Hospital, Toronto.

3:10 p.m.
12 The Use of Guanethidine in the Management of Endocrine Ophthalmopathy
Stephen M. Drance, E. A. Boxall, R. W. Lauener and
Hamish W. McIntosh,
Departments of Ophthalmology and Medicine, University of British
Columbia and Vancouver General Hospital, Vancouver.

3:25 p.m.
13 The Immunofluorescent Localization of LH and TSH in the Human
Pituitary Gland
Calvin Ezrin, Gail Firestone and Jerald Bain,
Departments of Medicine and Pathology, University of Toronto.

3:40 p.m. INTERMISSION

3:55 p.m.
14 Variations in Paper Electrophoretic Serum Lipoprotein Patterns in
Healthy Subjects
J. A. Little, G. Buckley, A. Csima, E. Schwaier and R. Yano,
St. Michael's Hospital, and University of Toronto.

4:10 p.m.
15 A Study of the Cerebral Syndrome of Non-Ketotic Hyperglycemia
P. R. Rege, J. B. Dossetor, H. Pappius, R. D. Jeffs and W. Zingg,
Research Institute, Hospital for Sick Children, Toronto and
Renal-Urological Research, Royal Victoria Hospital, Montreal.

4:25 p.m.
16 The Effect of HGH in Patients on Corticosteroid Therapy
E. E. McGarry and J. C. Beck,
McGill University Clinic, Royal Victoria Hospital, Montreal.

4:40 p.m.
17 The Mode of Action of Hypocholesterolemic Drugs — Atromid-S and
Nicotinic Acid
L. Horlick, H. S. Sodhi and B. Kudchodkar,
University of Saskatchewan, Saskatoon.

4:55 p.m.
18 An Analysis of Blood Glucose Values in a Population in Relation to
Diabetes with a Suggestion about Diabetes Inheritance
B. J. Kaufman,
University of Manitoba, Winnipeg.
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Thursday, January 23
Le jeudi, 23 janvier

Social Suite 1
HAEMATOLOGY

Chairman: Dr. J. W. Thomas, Vancouver.

2:40 p.m.
32 Reticulum Cell Leukemia
Ian H. Pledgerleith,
The University of British Columbia and the British Columbia
Cancer Institute, Vancouver.

2:55 p.m.
33 Acute Intermittent Porphyria: The Biochemical Defect, Genetic and
Pathogenetic Considerations
Vincent P. Sweeney,
Massachusetts General Hospital.

3:10 p.m.
34 Demonstration, Characterization and Action of An Inhibitor in Plasma of
Patients with Erythroblastopenia and Thymoma
J. H. Jepson, F. H. Gardner, T. Degnan and M. Vas,
Division of Haematology, Royal Victoria Hospital, Montreal.

3:25 p.m.
35 Ineffective Granulopoiesis in Acute Myelomonocytic Leukemia (AML)
P. R. Galbraith and G. Chikkappa,
Department of Medicine, Queen's University and
Kingston General Hospital, Kingston.

3:40 p.m. INTERMISSION

3:55 p.m.
36 The Occurrence of Leukemia in Polycythemia Rubra Vera
R. E. Beck,
The British Columbia Cancer Institute and Department of Medicine,
University of British Columbia, Vancouver.

4:10 p.m.
37 Cobalt Excretion Test for the Detection of Iron Deficiency and
Idiopathic Hemochromatosis
L. S. Valberg, D. Olutunbosun, J. Ludwig and W. E. N. Corbett,
Special Investigation Unit, Kingston General Hospital and
Departments of Medicine and Pathology, Queen's University, Kingston.

4:25 p.m.
38 Combination of Heparin with Transcobalamin 2 and B12 Binding Protein in
Human Plasma
Bernard A. Cooper,
Division of Haematology, McGill University Clinic,
Royal Victoria Hospital, Montreal.

4:40 p.m.
39 Three RH Null Siblings in a French Canadian Family
Raymond M. Guévin and Victor Taliano,
Canadian Red Cross Blood Transfusion Service,
Hôpital Saint-Luc, Montréal.

4:55 p.m.
40 Purification of Erythropoietin from Anemic Rabbit Serum
J. Paul Binette,
Edward J. Meyer Hospital, Buffalo, N.Y.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Thursday, January 23  Le jeudi, 23 janvier

Pacific Ballroom

GENERAL SURGERY  (Gastro-intestinal)

Chairman: Dr. Alan G. Thompson, Montreal.

2:40 p.m.
140 The Value of Restoring the Normal Anatomy in Non-Rotation of the Midgut Loop
   Ross K. Adair and Roberto L. Estrada,
   The Montreal General Hospital.

2:55 p.m.
141 An Evaluation of Operative Cholangiography
   T. K. Scobic and B. Benoit,
   Department of Surgery, Ottawa Civic Hospital and
   University of Ottawa Medical School.

3:10 p.m.
142 Post-Operative Gastric Motility
   B. D. Feaver, J. F. Lind and J. S. Crispin,
   Departments of Radiology and Surgery, University of Manitoba and
   Gastroenterology Unit, Winnipeg General Hospital.

3:25 p.m.
143 Invasive Endometriosis of Intestine
   R. M. Christensen and G. B. Elliott,
   Departments of Surgery and Pathology,
   University of British Columbia and Vancouver General Hospital.

3:40 p.m.  INTERMISSION

3:55 p.m.
144 The Role of Vagotomy and Pyloroplasty in the Therapy of Symptomatic
   Hiatus Hernia
   R. M. Stone, F. G. Pearson, R. E. Falk and W. R. Drucker,
   Toronto General Hospital.

4:10 p.m.
145 Mortality, Morbidity and Late Follow-Up Results of Partial Gastrectomy,
   Vagotomy and Pyloroplasty, Vagotomy and Gastroenterostomy in the
   Treatment of Duodenal Ulcer
   J. A. McIntyre and C. B. Dubicki,
   Department of Surgery, St. Joseph's Hospital, Toronto.

4:25 p.m.
146 Afferent Loop Syndrome: A Case Study
   J. A. McIntyre and P. Z. Cheng,
   Department of Surgery, St. Joseph's Hospital, Toronto.

4:40 p.m.
147 A Reassessment of Vascular Lesions Affecting the Small Intestine
   R. Cumming, W. Yakimets and L. Costopoulos,
   The University of Alberta Hospital.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Thursday, January 23

Columbia Room

ORTHOPAEDICS AND UROLOGY

Chairman: Dr. Robert Salter, Toronto.

2:40 p.m.
156 Role of Surgery in the Management of Talipes Equinovarus
G. E. Edwards and K. J. Russell,
Alberta Children’s Hospital.

2:55 p.m.
157 A Prospective Study on the Incidence of Dislocated and Dislocatable Hips in the Newborn
Michael Bell,
Division of Orthopaedics, Department of Surgery,
University of British Columbia and Vancouver General Hospital,
Vancouver.

3:10 p.m.
158 The Modular Pylon Prosthesis System in the Management of Leg Amputees
R. R. P. Hayter,
Manitoba Rehabilitation Hospital.

3:25 p.m.
159 The Surgical Correction of Flexion Deformity of the Neck in Ankylosing Spondylitis
Edward H. Simmons,
Department of Surgery, University of Toronto and the Toronto East General and Orthopaedic Hospital.

3:40 p.m. INTERMISSION

Chairman: Dr. John Balfour, Vancouver.

3:55 p.m.
160 Avulsion Injuries of the Scrotum and Penile Skin
J. D. M. Alton,
University of Alberta Hospital, Edmonton.

4:10 p.m.
161 Surgical Problems of the Irradiated Bladder
G. J. Ankenman, J. Balfour and G. B. Goodman,
Joint Urological Radiotherapeutic Clinic,
British Columbia Cancer Institute.

4:25 p.m.
162 Ureteral Reflux in the Neonate
H. W. Johnson, G. U. Coleman, D. S. Lirenman and J. Balfour,
Health Centre for Children, University of British Columbia,
Departments of Surgery and Paediatrics, Vancouver General Hospital.

4:40 p.m.
163 Vesicoureteral Reflux, A Review
Lloyd N. McAninch, J. K. Wyatt, J. L. Sales and P. Hayman,
University of Western Ontario and Victoria Hospital, London.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Thursday, January 23
Le jeudi, 23 janvier

Waddington Room

SURGICAL FORUM
(Miscellaneous)

Chairman: Dr. C. B. Mueller, Hamilton.

2:40 p.m.
132 Fat Embolism as a Possible Complication of Hyperbaric Therapy
S. S. Shim,
University of British Columbia, Vancouver.

2:55 p.m.
133 The Micro-Vascular Pattern of the Rotator Cuff
James Rathbun,
Toronto, Ontario.

3:10 p.m.
134 A Synchronous Study of Collagen and Mucopolysaccharides in Healing
Flexor Tendons
Ian R. Munro,
Research Institute of Hospital for Sick Children, Toronto.

3:25 p.m.
135 Body Water Distribution Following Trauma
Harry M. Shizgal,
Department of Surgery, Royal Victoria Hospital, Montreal.

3:40 p.m. INTERMISSION

3:55 p.m.
136 Relationship of pO₂ to Oxygen Consumption
A. C. Groves, R. Lapointe, A. P. H. McLean, J. H. Duff and
L. D. MacLean,
Department of Surgery, Royal Victoria Hospital and
McGill University, Montreal.

4:10 p.m.
137 Renin Release Following Carotid Occlusion in Normal and Sodium
Depleted Dogs
Malcolm S. MacPhee,
University of Alberta Hospital.

4:25 p.m.
138 Effects of Internal Drainage of Thoracic Duct on Experimental Ascites and
on Salt Excretion
E. F. Farkouh and J. R. Gutelius,
Department of Surgery, Royal Victoria Hospital, Montreal.

4:40 p.m.
139 The Fate of Middle Ear Ossicle Grafts
Glen William Smith,
New Westminster, B.C.
Thursday, January 23

Vancouver Island Room
Chairman: Dr. T. B. Maclachlan, Saskatoon.

2:40 p.m.
68 Myometrial Effects of Exogenous Estrogen and Progesterone in The Castrate Monkey
J. H. Whiteside and R. G. Brame,
Department of Obstetrics and Gynaecology,
Bowman Gray School of Medicine, Winston-Salem, N.C.

3:00 p.m.
69 Experimental Utero Tubovarian Homotransplantation in the Dog
M. B. Wingate, E. Karasewich, G. A. Fattal and M. Ray,
Medical College, University of Manitoba, Winnipeg.

3:20 p.m.
70 Electrophoretic Analysis of Proteins in Human Amniotic Fluid
W. Leslie G. Quinlivan and Philip H. Fischbacher,
Department of Gynaecology and Obstetrics,
California College of Medicine.

3:40 p.m. INTERMISSION

4:00 p.m.
71 Steroid N-Acetyl Glucosaminidase in Serum of Pregnant Women
A. Himaya and D. S. Layne,
Departments of Obstetrics and Gynaecology and Biochemistry,
Ottawa University.

4:20 p.m.
72 Ultrasound Fetal Cephalometry
Ross E. Brown and T. M. Roulston,
Department of Obstetrics and Gynaecology, University of Manitoba and
Department of Diagnostic Ultrasound, Winnipeg General Hospital.

4:40 p.m.
73 Infertility with Endometrial Cancer or Hyperplasia and Endometrioid Carcinoma of Ovaries — A Hormone-Mediated Syndrome
J. S. Campbell and J. MacDougall,
Department of Pathology, Ottawa General Hospital and
University of Ottawa, and the Canadian Tumor Registry of the National Cancer Institute of Canada.
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Friday, January 24
Le vendredi, 24 janvier

TEACHING SYMPOSIA
9:00 — 11:00 a.m.

I
NEUROCHEMISTRY: THE CLINICAL APPLICATION
OF BASIC CONCEPTS

British Room

Chairman: J. S. Tyhurst, Professor and Head,
Department of Psychiatry,
University of British Columbia.

Participants: Edith McGeer, Ph.D., Research Associate,
Section of Neurological Sciences,
University of British Columbia,
"Parkinsonism and Brain Amines"

J. H. Quastel, Ph.D., D.Sc., Professor of Neurochemistry,
University of British Columbia,
"Neurotropic Drugs and Chemical Reactions of the
Brain"

J. A. Wada, Associate Professor (Neurophysiology),
University of British Columbia,
"Action of Chlorpromazine on Fright Escape"

L. I. Woolf, Associate Professor,
Section of Neurological Sciences,
Department of Psychiatry,
University of British Columbia.
"Neurological Effects of Inborn Errors of
Metabolism"

II
DISEASES RESULTING FROM DISORDERED PHYSIOLOGY OF
THE UPPER GASTROINTESTINAL TRACT

Pacific Ballroom

Chairman: R. C. Harrison, Professor and Head,
Department of Surgery,
University of British Columbia.

Participants: A. Bogoch, Assistant Professor, Department of Medicine,
University of British Columbia.
Walter MacDonald, Instructor, Department of Medicine,
University of British Columbia.
I. B. Holubitsky, Assistant Professor of Surgery,
University of British Columbia.
Julius Stoller, Department of Surgery,
University of British Columbia.
Peter Nunn, Department of Surgery,  
University of British Columbia.

John Brown, Assistant Professor,  
Department of Physiology,  
University of British Columbia.

The conditions to be considered include esophageal disease due to altered motility and pressure, esophagocardiac disease including esophagitis and hiatus hernia, duodenal, gastric and stomal ulcer, and iatrogenic problems following operations of the stomach. In the last two areas we will consider the etiology of ulcer disease, the significance of various secretory tests and the etiology of postoperative problems.

III

SOME OF THE ASPECTS OF THE FAILURE OF INTRA-UTERINE GROWTH

Vancouver Island Room

Chairman: F. E. Bryans, Professor and Head,  
Department of Obstetrics and Gynaecology,  
University of British Columbia.

Participants: Pierre C. Tremblay,  
Professeurs titulaire d’obstétrique-gynécologie,  
Université de Sherbrooke.

Peter Beck, Professor and Head,  
Department of Obstetrics and Gynaecology,  
University of Alberta.

J. C. Haworth, Associate Professor,  
Department of Paediatrics, University of Manitoba.

Leo Stern, Assistant Professor of Paediatrics,  
McGill University.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Friday, January 24
Le vendredi, 24 janvier

Waddington Room
SURGICAL FORUM
(Shock)

Chairman: Dr. Fraser N. Gurd, Montreal.

9:00 a.m.
115 Shock Induced by Controlled Cardiac Tamponade: A New Experimental Model
C. H. Pierce, A. E. Good, R. D. A. Cameron, E. M. Nanson,
University of Saskatchewan, Saskatoon.

9:15 a.m.
116 Free Fatty Acid Levels in Dogs in Hemorrhagic Shock
N. M. Sheiner, J. L. Brandt, F. Merino, I. Shragovitch and J. Kessler,
Jewish General Hospital, Montreal.

9:30 a.m.
117 Fallibility of Central Venous Pressure as a Guide to Fluid Replacement
A. P. H. McLean, W. Eckstein, S. Agrawal, J. H. Duff and
L. D. MacLean,
Royal Victoria Hospital, Department of Surgery, Montreal.

9:45 a.m.
118 Radio Sulphate as a Measure of Extra Cellular Fluid in Experimental
Canine Acute Hemorrhagic Shock
Raymond E. Mathews, Gary Douglas, E. Scott Middleton, and
G. Tom Shires,
Department of Surgery, University of Texas,
Southwestern Medical School at Dallas and the Department of Surgery,
The University of Toronto Medical School and Toronto Western Hospital.

10:00 a.m.
119 Evidence for Impaired Oxygen Consumption in Septic Shock
J. H. Duff, A. C. Groves, A. P. H. McLean, R. Lapointe and
L. D. MacLean,
Department of Surgery, Royal Victoria Hospital, Montreal.

10:15 a.m.
120 The Influence of Respiratory Alkalosis on Tolerance for Hemorrhagic Shock
Brenda L. Galle, Frederick L. Mugashe and William R. Drucker,
The Department of Surgery, Banting Institute, University of Toronto.

10:30 a.m.
121 Survival Following Profound Hypovolemia
Patrick F. Golden, John A. Jane,
Department of Surgery, Division of Neurosurgery,
Case Western Reserve University School of Medicine,
Cleveland Veterans Administration Hospital and University Hospitals,
Cleveland, Ohio.

10:45 a.m.
122 The Relationship Between Endotoxin and Antigen-Antibody Induced
Platelet Aggregation and Shock
G. Evans, F. Lewis and J. F. Mustard,
Departments of Surgery and Pathology, McMaster University, Hamilton.
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY

SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Friday, January 24

Pacific Ballroom

11:30 a.m.
Chairman: Dr. Jacques Turcot, President

ROYAL COLLEGE LECTURE/CONFERENCE DU COLLEGE ROYAL

General Considerations on Benign Tumors

Carlton Auger, M.D., F.R.C.P.(C)
Professeur titulaire et chef du département de pathologie,
Université Laval.

2:00 p.m.
Chairman: Dr. Charles G. Drake, Vice-President (Surgery)

ANNUAL AWARD IN SURGERY/TRAVAL PRIME EN CHIRURGIE

The Reasons for Patency and Anastomosis
Formation of the Internal Mammary Artery Implant

Ronald J. Baird, M.D., M.S., F.R.C.S.(C)
Associate in Surgery, University of Toronto and
Staff Surgeon, Toronto Western Hospital.
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

ADVANCES IN MEDICINE
Waddington Room

Friday, January 24
Le vendredi, 24 janvier

Chairman: Dr. Peter Banks, Victoria.

2:40 p.m. Haematology without a Microscope
E. A. McCulloch, Associate Professor of Medical Biophysics,
University of Toronto and Ontario Cancer Institute,
(Princess Margaret Hospital)

3:10 p.m. Tracheostomy — Indications and Management
Rueben Cherniack, Professor of Medicine,
University of Manitoba and Winnipeg General Hospital.

3:40 p.m. Coronary Angiography
Lucien Campeau,
Institut de cardiologie de Montréal.

21
RENOAL DISEASE

Social Suite 1

Chairman: Dr. R. W. Lauener, Vancouver

2:40 p.m.

**41 Hereditary Nephritis — Report of a Family**
S. L. Jindal, A. Chiricosta and B. Koch,
Ottawa Civic Hospital.

2:55 p.m.

**42 The Clinical Assessment of Renal Concentrating Capacity**
A. Rapoport, H. Husdan, C. I. Gryfe and G. E. Wilkins,
Toronto Western Hospital and University of Toronto.

3:10 p.m.

**43 The Management of Malignant Hypertension and Renal Failure by Chronic Dialysis**
Christopher T. Rudwal and Peter A. F. Morrin,
Queen’s University, Renal and Special Investigation,
Units of Kingston General Hospital, Kingston.

3:25 p.m.

**44 Renal Cadaveric Homograft Proteinuria: Significance and Cause**
R. B. Baltzan and M. A. Baltzan,
Department of Medicine, University and St. Paul’s Hospitals, Saskatoon.

3:40 p.m.

**45 Iron Deficiency Anemia Among Maintenance Hemodialysis Patients**
H. S. Ballon, M. Moriarty, R. W. Lauener and John D. E. Price,
Department of Medicine, University of British Columbia and
Vancouver General Hospital.

3:55 p.m.

**46 A Study of Mineral and Bone Metabolism in Patients on Periodic Hemodialysis Program**
Z. F. Jaworski, F. P. Bohaitirchuk, T. Jeletzky, G. A. Posen,
A. Rashid and G. N. Tolnia,
Departments of Medicine, Anatomy and Pathology,
University of Ottawa and the Ottawa General Hospital, Ottawa.
DIVISION OF SURGERY  
DIVISION DE LA CHIRURGIE

Friday, January 24  
Le vendredi, 24 janvier

Pacific Ballroom

GENERAL SURGERY  
(Cancer)

Chairman: Dr. C. M. Couves, Edmonton.

2:40 p.m.
86 A Study of Labelled Estrogens in Breast Cancer  
Rea Brown, Hope Mc Ardle and John D. Palmer,  
The Montreal General Hospital, Department of Experimental Surgery.

2:55 p.m.
87 Regional Postoperative Radiotherapy for Breast Cancer  
Gordon W. Bethune, Peter C. Gordon and Mrs. M. Chipman,  
Victoria General Hospital, Nova Scotia Tumour Clinic, Halifax.

3:10 p.m.
88 Correlation of the Histological Features of and Surgical Approach to  
Cystosarcoma Phylloides  
A. D. Forward, D. B. Rix and S. J. Tredwell,  
Vancouver General Hospital and British Columbia Cancer Institute.

3:25 p.m.
89 Secondary Operation for Thyroid Carcinoma  
K. W. James and O. G. Thurston,  
University of Alberta Hospital, Edmonton.

3:40 p.m.
90 Surgical Treatment of Carcinoma of the Hepatic Ducts within the Liver  
Paul H. Niloff,  
Jewish General Hospital, Montreal.

3:55 p.m.
91 The Use of Cryosurgery in the Control of Advanced Cancers  
Henry R. Shibata and Edward J. Tabah,  
Royal Victoria Hospital and McGill University.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Friday, January 24
Le vendredi, 24 janvier

Columbia Room

VASCULAR SURGERY

Chairman: Dr. Wallace B. Chung, Vancouver.

2:40 p.m.
92 Measurement of Blood Flow in Intact Vessels, Using the Ultrasonic Flow Meter
S. B. Lee, W. G. Beattie and I. J. Vogelfanger,
Ottawa Civic Hospital and University of Ottawa.

2:55 p.m.
93 Arterio-Venous Anastomoses (A.V.A.) In Sympathectomized Limb —
Angiographic and Hemodynamic Study
M. T. Khobreh and Paul Roy,
Sections of Cardio-Vascular Surgery and Angioradiology,
Hotel Dieu de Montreal.

3:10 p.m.
94 Arterial Injury and Repair in Limbs with Special Reference to Vien Grafting
John J. Marian, David Robertson and Les Chasmar,
University and City Hospitals, Saskatoon.

3:25 p.m.
95 Less Commonly Used Techniques in the Treatment of Peripheral Arterial
Disease
N. M. Shiner, H. H. Sigman and M. J. Palayew;
Jewish General Hospital, Montreal.

3:40 p.m.
96 Results of Surgical Treatment for Aorto-Iliac Occlusion
Allan R. Downs and Ian M. Morrow,
Departments of Surgery and Radiology, University of Manitoba
and the Winnipeg General Hospital.

3:55 p.m.
97 A Computer Analysis of Results of Surgical Treatment of Infra-Renal
Arterial Occlusive Disease
H. K. Litherland and S. Borden,
Vancouver General and Shaughnessy D.V.A. Hospitals and the
University of British Columbia, Vancouver.
2:40 p.m.
19 The Importance of Bacterial Deconjugation and Dehydroxylation of Bile Acids in the Steatorrhoea after Gastric Surgery
Jacques I. Kessler and Gérard Egger,
Division of Gastroenterology, Royal Victoria Hospital, and McGill University Clinic, Montreal.

2:55 p.m.
20 Obstructing Muscular Hypertrophy of the Lower Esophagus
Morris C. Miller, Isadore Sedlezky and Jacob Rosenweig,
Departments of Medicine, Radiology and Surgery, Jewish General Hospital, Montreal.

3:10 p.m.
21 Bile Salt Diarrhoea
C. H. Williams and R. C. Dickson,
Department of Medicine, Dalhousie University and the Victoria General Hospital, Halifax.

3:25 p.m.
22 Some Effects of Alcohol on the Human Gastric Mucosa
J. L. Stoller and W. C. MacDonald,
Departments of Surgery and Medicine, University of British Columbia, Vancouver.

3:40 p.m.
23 Percutaneous Transhepatic Cholangiography, Experience with 140 Patients
L. B. Costopoulos and Frank W. Turner,
University of Alberta Hospital, Edmonton, Alberta.

3:55 p.m.
24 Giant Lymphangiomatosus Cysts of Mesentery
Murray R. Kliman and G. B. Elliott,
Vancouver General Hospital, Health Centre for Children.
COMBINED SESSION
SEANCE CONJOINTE

Friday, January 24
Le vendredi, 24 janvier

NEUROLOGY—NEUROSURGERY

Social Suite 2

Chairman: R. M. Peet, Victoria.

2:40 p.m.
56 Interhemispheric Sharing and Shift of Cerebral Speech Function
    J. A. Wada and G. B. Thompson,
    The University of British Columbia, Vancouver.

2:55 p.m.
57 The Present Status of L-Dopa Therapy of Parkinson’s Disease
    André Barbeau,
    Clinical Research Institute of Montreal.

3:10 p.m.
58 Systemic Late Infantile Lipidosis: B-Galactos Deficiency with Cerebral GM₁
    Gangliosidosis and Accumulation and Excretion of a Keratan Sulfate
    L. S. Wolfe, J. Callahan, F. Andermann, J. S. Fawcett and C. R. Scriver,
    Departments of Neurology and Neurosurgery, Montreal Neurological
    Institute, McGill University and Montreal Children’s Hospital.

3:25 p.m.
59 External Carotid Artery “Steal”

3:40 p.m.
60 Action Myoclonus
    Ira Sherwin and William Redmon,
    Department of Neurology, Boston University,
    Boston and Veterans Administration Hospital, Providence, Rhode Island.
2:40 p.m.
74 Detection of Unsuspected Pregnancy of Ovary by Wedge Resection
   M. D. Heide, A. Himaya and J. S. Campbell,
   Departments of Pathology and Obstetrics and Gynaecology,
   University of Ottawa and Ottawa General Hospital.

2:55 p.m.
75 Pregnancy Following Cadaver Kidney Homotransplantation
   R. M. Caplan, J. B. Dossetor and G. B. Maughan,
   Royal Victoria Hospital, Montreal.

3:10 p.m.
84 Relationship of Apgar Score to Acid-Base and Blood Gas Values at Birth
   H. S. Salvador and M. E. Towell,
   Department of Obstetrics and Gynaecology,
   University of British Columbia.

3:25 p.m. INTERMISSION

3:40 p.m.
77 Methods of Bladder Care Following Cystocele Repair
   H. H. Allen, G. F. Fellows, R. J. Anderson and Mr. F. Sayer,
   Victoria Hospital, London.

3:55 p.m.
78 The suprapubic Catheter and Antiseptic Technique in the Prevention of
   Catheter Borne Urinary Infections
   C. R. Neve,
   Kimberley and District Hospital, Kimberley, B.C.

4:10 p.m.
79 Infection of the Fetus by Candida in a Spontaneous Abortion
   Chu-Ying Ho and Kurt Aterman,
   Department of Pathology, The Children’s Hospital, Halifax.
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Saturday, January 25
Le samedi, 25 janvier

9:00 — 11:00 a.m.

TEACHING SYMPOSIUM

Pacific Ballroom

MYOCARDIAL INFARCTION — MODERN MANAGEMENT

Chairman: F. W. B. Hurlburt, Head, Department of Medicine, St. Paul’s Hospital, Vancouver.

Participants:
T. E. Cuddy, Director, Intensive Care Unit, Winnipeg General Hospital, Winnipeg.

K. W. G. Brown, Director, Coronary Care Unit, Toronto General Hospital, Toronto.

Arnold L. Johnson, Director, Cardio-vascular Division, Royal Victoria Hospital, Montreal.

M. Walters, Director, Coronary Care Unit, Shaughnessy Hospital, Vancouver.

Dwight Peretz, Director, Coronary Care Unit, St. Paul’s Hospital, Vancouver.

The members of the panel will deal with the concept of Coronary Care Units on a practical and philosophical basis. The complications of acute myocardial infarction including cardiogenic shock, cardiac arrest, heart block and the arrhythmias will be dealt with in a practical but provocative manner. The overall clinical management of the patient will be stressed, particularly the detection of early signs of left ventricular failure and pulmonary embolism. The experience of Coronary Care Units across Canada will be summarized.
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Saturday, January 25  

FILM SYMPOSIUM
British Room

Chairman: Dr. E. M. Nanson

OPEN HEART SURGERY
FOR CONGENITAL AND ACQUIRED HEART DISEASE

Author:  
J. C. Callaghan, Clinical Professor of Surgery and Director
Cardiovascular and Thoracic Surgery,
University of Alberta Hospital.

Discussants:  
P. G. Ashmore, Clinical Assistant Professor,
Department of Surgery,
University of British Columbia.
E. D. Wigle, Assistant Professor of Medicine,
University of Toronto.

CONGENITAL DISLOCATION OF HIP

Author:  
S. Houston, Department of Surgery,
Kingston General Hospital.

Discussants:  
Robt. B. Salter, Professor of Surgery,
University of Toronto and Surgeon-in-Chief,
Hospital for Sick Children.
H. Medovy, Professor and Head,
Department of Paediatrics, University of Manitoba.

CARDIO-CORONARY FISTULA

Author:  
J. E. Fay, Assistant Professor of Medicine,
Queen's University.
R. B. Lynn, Professor of Surgery,
Queen's University.

Discussants:  
C. C. Ferguson, Professor and Head,
Department of Surgery, University of Manitoba and
Surgeon-in-Chief, Winnipeg Children's Hospital.
B. S. L. Kidd, Assistant Professor of Paediatrics,
University of Toronto and Department of Cardiology,
Hospital for Sick Children.

SURGICAL TREATMENT OF PRIMARY TUBERCULOSIS
OF THE LUNG AND HILAR LYMPH NODES

Author:  
C. L. N. Robinson, Department of General Surgery,
Vancouver General Hospital.

Discussants:  
David Mowat, Department of Medicine,
University of British Columbia.
D. D. Munro, Assistant Professor of Surgery,
McGill University.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Saturday, January 25
Le samedi, 25 janvier

Waddington Room
Surgical Forum
(Transplantation)
Chairman: Dr. L. D. Maclean, Montreal.

9:00 a.m.
123 A Graft Versus Host Reaction by Human Immunocompetent Cells:
A Potential Assay for ALS
W. S. Saleh, L. D. MacLean and J. Gordon,
Department of Experimental Surgery, McGill University, Montreal.

9:15 a.m.
124 Loss of Immunosuppressive Potency of ALS with Prolonged Storage
I. Shanfield, S. F. G. Wren and L. D. MacLean,
Department of Surgery, Royal Victoria Hospital and
McGill University, Montreal.

9:30 a.m.
125 Morphological, Functional and Biochemical Correlations Following Renal
Preservation and Autotransplantation
P. J. Maloney, B. MacKay, H. K. Litherland, R. M. Keeler and
J. B. Balfour,
University of British Columbia, Vancouver.

9:45 a.m.
126 Heparin and Aspirin in the Treatment of Hyperacute Rejection of Renal
Allografts in Presensitized Dogs
Allan MacDonald, J. L. Alexander, G. J. Busch and J. E. Murray,
Departments of Surgery and Pathology, Harvard Medical School,
Peter Bent Brigham Hospital.

10:00 a.m.
127 The Preparation of a Potent, Non-Toxic Antiserum to Neonatal Puppy
Thymocytes and Its Use to Prolong Canine Renal Allograft Survival
E. John Hinchey,
Montreal General Hospital.

10:15 a.m.
128 Effect of Single Dose Local Radiotherapy on Allogeneic Skin Graft
Rejection in the Mouse
J. A. McCredie, W. R. Inch and R. M. Sutherland,
Department of Surgery, University of Western Ontario,
Ontario Cancer Treatment and Research Foundation, London Clinic.

10:30 a.m.
129 Growth and Development of Replanted Limbs in Puppies
W. G. Waddell, P. Prudhomme, J. A. Hopps and J. B. Ewing,
Department of Surgery, University of Ottawa.

10:45 a.m.
130 Adrenal Transplantation by Vascular Anastomosis — A New Technique
S. P. Dixit and E. D. Coppola,
Medical College and Hospital, Philadelphia, Pa. U.S.A.

11:00 a.m.
131 Experimental Heart Preservation
Sylvain Pitzele,
McGill University and Royal Victoria Hospital.
COMBINED SESSION
DIVISIONS OF MEDICINE AND SURGERY
SEANCE CONJOINTE
DIVISIONS DE MEDECINE ET DE CHIRURGIE

Saturday, January 25

Le samedi, 25 janvier

Pacific Ballroom

11:30 a.m.

Chairman: Dr. Jacques Turcot, President.

ROYAL COLLEGE LECTURE/CONFERENCE DU COLLEGE ROYAL

Topics in Organ Transplantation

Thomas E. Starzl, M.D., Ph.D., F.A.C.S.
Professor of Surgery, University of Colorado and
Chief of Surgery, Colorado General and Denver
Veterans Administration Hospitals.

2:00 p.m.

Chairman: Dr. Jacques Turcot, President.

The Gallie Lecture

William V. McDermott, Jr., M.D., F.A.C.S.
Professor of Surgery, Harvard Medical School
and Director, Fifth Surgical Service and Sears
Surgical Laboratory, Boston City Hospital.
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE
ADVANCES IN MEDICINE
Waddington Room

Saturday, January 25

Chairman: Dr. D. M. Whitelaw, Vancouver.

2:40 p.m. Cancer and Immunity
S. O. Freedman, Associate Professor of Medicine,
McGill University and Director of Immunology and Allergy,
Montreal General Hospital.

3:10 p.m. The Cause of Rheumatoid Arthritis
Denys K. Ford, Associate Professor of Medicine,
University of British Columbia and Vancouver General Hospital.

3:40 p.m. INTERMISSION

3:55 p.m. Alcoholic Cardiomyopathy
Yves Morin, Professor agrégé, Université Laval, et
Directeur, L’institut de cardiologie de Québec.

4:25 p.m. Renal Calculus — Medical Aspects
H. W. McIntosh, Professor of Medicine,
University of British Columbia.
DIVISION OF MEDICINE
DIVISION DE LA MEDECINE

Saturday, January 25          Le samedi, 25 janvier

GENERAL MEDICINE
British Room

Chairman: Dr. R. A. Love, Trail, B.C.

2:40 p.m.
25 Patterns of Progression of Malignant Disease in the Lymph System
   J. W. Davidson, E. A. Clarke and A. Day,
   The Ontario Cancer Institute, Toronto.

2:55 p.m.
26 Biochemical and Physiological Findings in Periodic Psychoses
   Brian A. Cookson,
   Queen Street Mental Health Centre, Toronto.

3:10 p.m.
27 The Role of Gas Embolism in Decompression Sickness
   R. O. Heimbecker, G. Lemire, I. Koven, A. Amahdi and W. R. Drucker,
   Department of Surgery, University of Toronto, Banting Institute, Toronto.

3:25 p.m.
28 Familial Macular Degeneration and Nephritis Presenting as Diabetes Insipidus
   J. D. E. Price and John A. Pratt-Johnson,
   Departments of Medicine and Ophthalmology,
   University of British Columbia and Vancouver General Hospital.

3:40 p.m.  INTERMISSION

3:55 p.m.
29 A Study of Adenovirus Infections in Manitoba
   J. C. Wilt and W. Stackiw,
   Medical College, University of Manitoba and the
   Fred T. Gadham Public Health Laboratory.

4:10 p.m.
30 Immunological Tolerance to Skin Grafts Induced by Low Dose Subcellular
   Antigen in the Dog
   G. K. Ingham, G. E. Martyn, F. R. Orr, G. Evans and O. Wesley James,
   McMaster University, Hamilton.

4:25 p.m.
31 L-Methionine Induced Hepatic Adenosine Triphosphate Deficiency
   David F. Hardwick, Donald Cockcroft and D. A. Applegarth,
   University of British Columbia.
2:40 p.m.  
47 Lymphatic Anomaly, Immunologic Deficiency and Hypoparathyroidism  
A. H. Eisen, M. Freedman, H. L. Bacal, W. J. Alexander and  
F. W. Wiglesworth,  
The Montreal Children’s Hospital, Montreal.

2:55 p.m.  
48 Cystic Renal Disease in Infants and Children  
D. S. Lireman, H. W. Johnson and S. Israels,  
Department of Paediatrics and Department of Urology,  
University of British Columbia, Health Centre for Children, Vancouver.

3:10 p.m.  
49 Oxygen Consumption of Infants with Congenital Heart Disease in Warm and Cool Environments  
D. Alton Murphy and M. Tynan,  

3:25 p.m.  
50 The Use of Bronchodilator Drugs in the Treatment of the Asthmatic Child  
H. Levison, T.-R. Weng and Elizabeth Featherby,  
Hospital for Sick Children and Department of Paediatrics,  
University of Toronto.

3:40 p.m.  INTERMISSION

3:55 p.m.  
51 The Use of Oral Chlorpropamide in Children with Diabetes Insipidus  
Robert M. Ehrlich and San Whay Kooh,  
The Hospital for Sick Children, Toronto.

4:10 p.m.  
52 Simple Measurements of Serum Beta-1-c Globulin Levels as a Screening Test for Renal Disease in Children  
C. N. Lam,  
University of Glasgow and Health Centre for Children, Vancouver.

4:25 p.m.  
53 Assisted Ventilation by Face Mask in the Treatment of Respiratory Failure in the Newborn  
A. Llewellyn, K. Tilak and P. R. Swyer,  
The Hospital for Sick Children, Toronto.

4:40 p.m.  
54 Reading Difficulty in Grade Three — A Controlled Study  
Wallace Grant, Anne Bell, E. Loadman, D. Shapiro, T. Zink and  
M. Saunders,  
Children’s Hospital, Winnipeg.

4:55 p.m.  
55 Screening Test for Cystic Fibrosis in Newborns  
C. T. Gillespie and A. L. Steeves,  
The Grace Maternity Hospital and The Children’s Hospital, Halifax.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Saturday, January 25  Le samedi, 25 janvier
Pacific Ballroom
CARDIAC SURGERY
Chairman: Dr. Donald R. Wilson, Toronto.

2:40 p.m.
98 Open Heart Surgery without Coronary Artery Perfusion — A Report of 120 Consecutive Cases
Morley Cohen, Jaroslaw Barwinsky, Eduardo Verruno and David Mymin, Department of Surgery, St. Boniface General Hospital and University of Manitoba Medical School.

2:55 p.m.
99 Myocardectomy for Intractable Cardiac Failure
C. E. Kinley, F. G. Dolan, R. N. Anderson and B. Chandler, Departments of Surgery and Medicine, Dalhousie University, Halifax.

3:10 p.m.
100 Ascending Aorta — Right Pulmonary Artery Shunt: Indications and Dangers

3:25 p.m.
101 Transplantation of the Human Heart
Pierre Grondin, Gilles Lepage, Ihor Dyrd and Lucien Campeau, Montreal Heart Institute.

3:40 p.m.  INTERMISSION

3:55 p.m.
102 Treatment of Acute Myocardial Infarction by Counterpulsation: Experimental Rationale and Clinical Experience
Jacob Rosensweig, Shekar Chatterjee and Francisco Merino, Jewish General Hospital, Montreal.

4:10 p.m.
103 Cardiovascular Effects of Protamine Sulphate
B. S. Goldman, J. Joison and W. G. Austen, Department of Surgery, Harvard Medical School and the General Surgical Services, Massachusetts General Hospital, Boston.

4:25 p.m.
104 Prevention of the Effects of Anoxia and Glucose Lack on the Transmembrane Potential and Contraction of Insulin and Glucose Treated Human Papillary Muscle
K. Prasad and J. C. Callaghan, Department of Thoracic and Cardiovascular Surgery and Pharmacology, University of Alberta, Edmonton.

4:40 p.m.
105 The Effect of Veno-Arterial Bypass on Various Cardiovascular Pressure Relationships in the Dog with Intact Chest
David Evans, R. J. Baird and R. T. Miyagishima, Toronto Western Hospital and University of Toronto.
DIVISION OF SURGERY
DIVISION DE LA CHIRURGIE

Saturday, January 25

Columbia Room
GENERAL SURGERY

Chairman: Dr. Wilfrid M. Caron, Quebec City.

2:40 p.m.
148 Hypoaemia Following Abdominal Surgery
E. Jomm, R. Kennedy, J. H. Burgess, L. G. Hampson,
Montreal, Quebec.

2:55 p.m.
149 A Study of Postoperative Pulmonary Complications
R. G. Danzinger and Allan R. Downs,
Department of Surgery, University of Manitoba and the
Winnipeg General Hospital.

3:10 p.m.
150 The Emergency Portacaval Shunt for Bleeding
R. T. Miyagishima and R. J. Baird,
The Toronto Western Hospital, University of Toronto.

3:25 p.m.
151 The Use of Balanced Salt Solution During Major Operations
I. H. Koven, D. Pudden and D. Leask,
Department of Surgery, University of Toronto and
Mount Sinai Hospital, Toronto.

3:40 p.m. INTERMISSION

3:55 p.m.
152 Abdominal Perineal Excision of the Rectum — Primary Closure of the
Perineal Incision with Suction
A. D. McLachlin and D. A. MacKenzie,
University of Western Ontario Faculty of Medicine.

4:10 p.m.
153 The Treatment of Hyperparathyroidism
John A. Palmer and E. R. Yendt,
Toronto General Hospital.

4:25 p.m.
154 A Critical Analysis of 414 Consecutive Recurrent Inguinal and Femoral
Herniae Occurring in Patients Following an Initial Hernia Repair
Frank Glassow,
Shouldice Hospital, Toronto.

4:40 p.m.
155 An Investigation of Highway Deaths in Frontenac County (Ontario)
W. R. Ghent, Mr. T. J. Todd, Mr. M. N. McCrank and Mr. B. E. Good,
Automotive Crash Research Unit, Queen's University, Kingston.

36
COMBINED SESSION
SEANCE CONJOINTE

NEUROLOGY — NEUROSURGERY
Social Suite 2

Chairman: Dr. L. E. Lougheed, New Westminster.

2:40 p.m.
61 An Analysis of Head Injuries in Rural Saskatchewan
L. J. Clein,
Department of Neurosurgery, University Hospital,
Saskatoon, Saskatchewan.

2:55 p.m.
62 Biomechanics of the Cervical Spinal Cord as Related to Normal and Abnormal
Mobility of the Cervical Vertebral Column
W. Schamberger, C. L. Dolman and I. M. Turnbull,
Vancouver General Hospital.

3:10 p.m.
63 The Role of Haemodynamics in the Pathogenesis of Intracranial Aneurysms
G. G. Ferguson and M. R. Roach,
Department of Biophysics, University of Western Ontario, London.

3:25 p.m.
64 Electromicturition: Reduction of Bladder Outflow Resistance by Selective
Sacral Rhizotomy
R. F. Hetherington, A. W. Bruce, D. W. Lywood, V. C. Abrahams,
T. Jagannathan and C. Rao,
Departments of Neurosurgery, Urology, Bio-medical Electronics and
Physiology, Queen's University, Kingston, Ontario.

3:40 p.m. INTERMISSION

3:55 p.m.
65 Relief of Pain in Head and Neck Cancer by Thalamotomy
Ronald R. Tasker,
Department of Surgery, University of Toronto,
Neurosurgical Division, Toronto General Hospital.

4:10 p.m.
66 The Double Lucid Interval, A Rare Entity with Posterior Fossa Extradural
Hematomas
Dwight Parkinson, C. B. Shields and B. M. Hunt,
Faculty of Medicine, University of Manitoba.

4:25 p.m.
67 Hypokalemia with Muscle Necrosis in Chronic Alcoholics
Joseph B. Martin,
Department of Neurology, University Hospitals and
Western Reserve University, Cleveland, Ohio.
SECTION OF OBSTETRICS AND GYNAECOLOGY
SECTION D'OBSTETRIQUE ET DE GYNECOLOGIE

Saturday, January 25                  Le samedi, 25 janvier

Vancouver Island Room
Chairman: Dr. F. L. Johnson, Hamilton.

2:40 p.m.
80  A Clinical Classification of the Mechanisms of Perinatal Wastage
    J. A. Low and R. W. Boston,
    Queen's University, Kingston.

3:00 p.m.
81  Experimental Use of Gamma Globulin in Prophylaxis of Rh
    Iso-Immunization: Study of 118 Rh Negative Primipara
    J. D. Cairns, E. C. Bryant, G. A. Gamarra and G. D. Hart,
    Toronto East General Hospital, Toronto.

3:20 p.m.
82  Effect of Intrauterine Transfusion of Fetus on Maternal Estrogen Excretions
    C. W. Carpenter,
    Department of Obstetrics, University of British Columbia.

3:40 p.m.  INTERMISSION

4:00 p.m.
83  Oxygen Administration During Labour
    D. J. Gare, J. Shime, W. M. Paul and M. Hoskins,
    Department of Obstetrics and Gynaecology,
    University of Toronto and Toronto General Hospital.

4:20 p.m.
76  Male Pseudohermaphroditism
    F. E. Bryans and Betty Poland,
    Department of Obstetrics and Gynaecology,
    Vancouver General Hospital and University of British Columbia,
    Vancouver.

4:40 p.m.
85  Primary Cesarean Section in the Multipara
    Ian Van Praagh and Harold M. M. Tovell,
    Woman's Hospital, St. Luke's Hospital Center, New York City, N.Y.
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<td>Whiteside, J. H.</td>
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<td>Williams, C. H.</td>
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<td>Wilt, J. C.</td>
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<td>Wingate, M. B.</td>
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<td>Wolfe, L. S.</td>
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COMMITTEE ON SCIENTIFIC MEETINGS

Chairman: Dr. J. P. Gemmell, Winnipeg, Man.
Members: Dr. N. C. Delarue, Toronto, Ont.
         Dr. Jacques Genest, Montreal, Que.
         Dr. N. K. MacLennan, Sydney, N.S.
         Dr. F. J. Tweedie, Montreal, Que.

Chairman, Scientific Programme Committee
Division of Medicine — Dr. D. M. Whitelaw, Vancouver
Division of Surgery — Dr. Jean Couture, Québec
Section of Obstetrics and Gynaecology — Dr. Michel Bérard, Montreal

COMMITTEE ON LOCAL ARRANGEMENTS

Chairman: Dr. Allan D. McKenzie

Chairmen of Sub-committees:

Audio-visual Aids — Dr. H. S. Miller
Convocation — Dr. K. G. Nickerson
Hospitality — Dr. J. A. Trayner
Housing — Dr. R. H. Gourlay
Ladies’ Programme — Mrs. Peter Allen
Press and Public Relations — Dr. L. C. Jenkins
Reception and Annual Dinner — Dr. H. McIntosh
Symposia — Medical — Dr. D. M. Whitelaw
Surgical — Dr. W. B. Chung
9 a.m.  Business Meeting

10:00-12:30 p.m.  1. Problems in Anaesthesia in the Neonate

   Doctor Tony Davenport,
   Director of Anaesthesia,
   Children's Hospital, Vancouver
   and
   Associate Professor, Anaesthesia,
   University of British Columbia

2. Neonatal Problems of Interest to Pediatric Surgeons

   Doctor Syd Segal,
   Professor of Paediatrics,
   University of British Columbia
   and
   Director, Neonatal Intensive Care Nursery,
   Vancouver General Hospital

12:30- 2:30 p.m.  Luncheon, Vancouver Lawn and Tennis Club

2:30 -  Round Table Informal Discussions on Topics of Current Interest in Basic or Clinical Research and Clinical Pediatric Surgery.

EVENING - DINNER AT THE ASHMORES.