HIGHLIGHT

DEPARTMENT OF UROLOGY

Developments in the research laboratory of the Department of Urology have been quite encouraging over the last year. A total of eight MRC grants are held by members of the department, namely Dr. Gagnon, Dr. Taketo, Dr. Blaschuk, Dr. Hassouna, Dr. Kiruluta and Dr. Elhilali, with two Kidney Foundation grants for Dr. Kiruluta and Dr. Elhilali.

The Department of Urology has been involved in many clinical trials, including medical treatment of benign prostatic hypertrophy (a total of 35 patients are included). Several protocols on management of advanced prostatic cancer are continuing to be explored to compare the effect of orchiectomy against medical treatment. A new drug is being tested to evaluate its efficacy in preventing impotence in diabetic patients. Animal experiments have been promising and early preliminary results are encouraging. At the Royal Victoria Hospital over the last five months, three neuro stimulators were implanted for bladder dysfunction. This is part of a multi-centre international trial in which the group at McGill are the only Canadian participants. A program for perineal stimulation as a treatment modality for stress urinary incontinence is also being tested under a separate protocol.

Regarding clinical aspects, the Department of Urology has been maintaining its quest for excellence by providing state of the art technology in every area including endourology, laser treatment and lithotripsy. The McGill lithotripter unit located at the Royal Victoria Hospital has treated over six hundred and fifty patients in the last ten months. The success rate is excellent and is comparable to data obtained from all other centres.

As of November 1st, the group practice within the Department of Urology (McGill Urology Associates) is enlarging to include the group practising at the Montreal General Hospital, namely Dr. Everett Reid, Dr. Michael Laplante and Dr. Stephen MacIsaac as well as Dr. George Kiruluta from the Montreal Children’s Hospital. This group now comprises ten urologists practising at three different teaching hospitals within the McGill sphere.

Recruitment for two chiefs, at the Montreal General Hospital and the Jewish General Hospital, is under way.
The Urology Research Laboratory at the RVH began in September 1984. Six researchers have their laboratories on the 6th Floor of the Hershey Pavillion. All of them have their research supported by peer review grants. Three main research areas are covered: bladder neuro-stimulation and function (Drs. M. Elhilali and M. Hassouna), prostatic tumor antigens (Dr. M. Bazinet) and male reproduction and infertility (Drs. O. Blaschuk, C. Gagnon and T. Takeo-Hosotani).

The research related to the bladder involved the development of an experimental model to study how neurostimulation of the sacral nerve roots following a spinal cord transection can improve recovery from spinal shock and function of the urinary bladder. Prostatic tumors are still the major male-related tumor. A monoclonal antibody technology approach is currently used to identify the antigens that are specific to prostatic tumors thus different from antigens found in normal or hyperplastic prostate and from antigens found in other tissues. Antibodies against these antigens could later be used for tumor staging and imaging as well as for therapy.

More than 15% of couples have infertility problems, and the male is responsible for up to 45% of these cases of infertility. Research is conducted to determine how the germinal and Sertoli cells interact together through cell adhesion molecules during spermatogenesis. Studies are also conducted to investigate the biochemical defects responsible for sperm motility defects and how to improve the fertility potential of subfertile men. Finally at the biological level, the principles governing sex differentiation are studied with a mouse model.

During the last five years, the group in the Urology Research Laboratory at the Royal Victoria Hospital (Drs. M. Hassouna, M. Elhilali and post-doctoral fellows) in collaboration with the Department of Biomedical Engineering at the University of Sherbrooke (Drs. F. Duval and M. Sawan) have been developing a new bladder pacemaker on an animal model.

Their aim is to develop an implantable device that stimulates the sacral roots to empty the bladder on command. This work is funded by the Kidney Foundation of Canada (Dr. Elhilali) and the Medical Research Council of Canada (Dr. Hassouna).

One patient had a pacemaker implanted in April 1989 and two more were implanted in June 1989. The aim is to test the application of this bladder pacemaker in 20 patients.

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The Department of Urology is organizing the Postgraduate Seminar of the Northeastern Section of the American Urological Association in Montreal in April 1990 with heavy participation from the McGill Faculty and twenty guest speakers.
JOHN MANNICK
BIOGRAPHY

John Mannick will be the Second Annual L.D. MacLean Visiting Professor at McGill from November 15th to 17th, 1989.

Born in Deadwood, South Dakota, raised in the mid-West, Dr. Mannick left Kansas for Harvard College, where he graduated magna cum laude, and moved on to Harvard Medical School from which he received his M.D. in 1953.

His surgical training was taken largely at the Massachusetts General Hospital and was interrupted by a period as a pilot for the United States Air Force. He completed his residency in 1960 and took a position as instructor in surgery at the Medical College of Virginia where his particular interests in vascular surgery, transplantation and surgical immunology had their beginnings. He worked extensively with Doctor David Hume and came back to Boston in 1964 at the Boston University School of Medicine and the University Hospital and was rapidly promoted to full professor in 1966. In 1973 he became the Utley Professor of Surgery and the Chairman of Surgery at Boston University. In 1976 he moved to the Brigham and Women's Hospital where he became Surgeon-in-Chief and the Moseley Professor of Surgery at Harvard.

His first publication was in the New England Medical Journal and his career has been getting stronger ever since. Author of over 240 articles and chapters, Dr. Mannick’s interests are catholic and include vascular surgery, transplantation, cancer immunobiology and surgical immunology as it relates to trauma and infections. He has been a member of two N.I.H. study sections, naturally "surgery, anaesthesia and trauma", but perhaps unusually and more remarkably the "general medicine" study section.

Dr. Mannick at an early age gained entry into all of the important North American surgical societies and has been on the executive of many. Most notably, he has been recently elected president of the American Surgical Association.

Dr. Mannick is a distinguished surgeon with broad experience both in clinical practice and surgical research.

VISITS TO HOSPITALS

Dr. Mannick will be visiting the JGH, MGH and RVH on November 16th. At the JGH he will speak on "Recent Advances in Arterial Reconstruction Below the Inguinal Ligament" in the Block Amphitheatre, 1st Floor between 7:45 and 9:00. At MGH he will visit with attending staff, residents and researchers between 12:15 and 15:30. At RVH he will speak on "Alteration in Cellular Immunity Following Injury", in the Archibald Amphitheatre, 10th Floor Surgery (East) between 17:00 and 18:00.

DINNER

That evening, there will be a dinner for all attending staff, at 6:30 for 7:30, at the University Club. Dress is black tie, and tickets for the dinner cost $75. If you are interested, contact Jane Hutchison at 842-1231 local 5544.
A SABBATICAL YEAR ABROAD

C.A. LAURIN, M.D.

If your children are old enough and they understand that you would wish to take a year off at their expense, you should take a sabbatical year. The rewards are as numerous as they are unexpected.

When you do take a sabbatical leave, don't forget that it is impossible to simply leave a busy practice and suddenly stop working; for that reason, it is vital to have definite objectives that will keep you as busy as you feel necessary and to discover that work is in fact our main distraction.

With those thoughts in mind, I started my sabbatical leave with three objectives which, I am pleased to add, I achieved. Firstly, I learned how to operate my computer. Secondly, I developed expertise in foot surgery and now intend to restrict my surgery to that area. Finally, I completed Volume 2 of an "Atlas of Orthopaedic Surgery", a bilingual, three Volumes Atlas, edited with an American and a French colleague with 44 participants from various parts of Europe and North America.

We had originally intended to spend the entire year in Europe when the opportunity arose to apply for the "First Exchange Orthopaedic Professorship" which is sponsored by the World Association of English speaking Orthopaedic Surgeons and funded by the American Orthopaedic Association. When the Director and Chairman of Orthopaedic Surgery in Auckland, New Zealand, left for a sabbatical year in Oxford, England, I was appointed the American Orthopaedic Association Visiting Professor; as such, I assumed most of the functions of the local Chairman in Auckland, New Zealand, a charming, remote country, ideal for a sabbatical leave. I was involved in undergraduate and postgraduate teaching and I can assure you that there is nothing backward about our colleagues from "down under". Just before leaving New Zealand, I was their guest speaker at the Annual Orthopaedic Residents' Meeting and, as such, adjudicated their research papers which were indeed top rate.

On our way back, we spent a week in Thailand, a truly unspoiled part of "paradise on earth". We then attended the Annual Meeting of the French Orthopaedic Association in Paris, France, and completed work on our Atlas which, by the way, is doing remarkably well on the international market with 250 copies sold in Japan alone.

We spent the last months of our sabbatical leave in London, UK; we visited colleagues interested in foot surgery; we will start a joint research project with Professor Klennerman, in Liverpool, on the management of "Reflex Sympathetic Dystrophy of the foot and ankle using Calcitonin; we were also invited to join the editorial board of a new European Journal called "The Foot".

A sabbatical year would never be possible without generous, competent and reliable people to "hold the fort". I am indeed particularly grateful to my colleagues who kept the orthopaedic program going to a point that nobody seems to have missed me, a dangerous observation, to say the least.
It's great to be back, particularly with the prospect of starting a new Foot and Ankle Clinic at the Royal Victoria Hospital; I intend to henceforth restrict my surgery to this area, a new and exciting challenge, just the kind of thing that a sabbatical leave was supposed to have cured me of!

ANERGY RESEARCH

DR. JOSE TELLADO

Research Fellow in the L.D. MacLean Research Laboratories at the RVH

Anergy is an indicator of surgical risk and a useful marker in identifying further infection related complications when the DTH skin test is performed sequentially in the post operative period. After a productive decade of findings in the Surgical Research Labs we are still trying to answer the question of why anergic surgical patients die more frequently than other patients. Is it the virulence of the infecting organism or the overwhelming response to eradicate them which in turn produces tissue damage or is it because of downregulation of the immune system which can not produce an adequate response to bacterial invasion? The elucidation of this paradigm has attracted us, specifically the understanding of the double role of polymorphonuclear neutrophils, as preeminent cells against bacterial invasion as well as a main source of toxic products (i.e. proteases, oxygen derived radicals). We hypothesized that sequential and accumulative activatory signals can shift PMN populations from a steady phase to a highly toxic state in such a process which could lead to multiple organ failure. Ongoing work in our laboratory is trying to describe in biochemical and functional terms the status of PMN in anergic surgical patients, the effect of these signals on receptor expression and the cytoplasmic events associated to the so called "toxic state".

This work has received support since 1986 from a variety of sources: the Foreign Ministry of the Quebec Government, the Research Institute of the RVH and the Lederle Infectious Disease Fellowship of the Canadian Surgical Research Fund.

Betty Giannis, Dr. José Tellado, Mary De Santis and Bomi Kapadia
On a cold February night, sitting by the fireplace in our Montreal home, my wife, Joyce, and I had yet another discussion about working in developing countries. This time she brought up the McGill/Ethiopia Community Health Project, which she was interested in working with. After making the decision that we could live on my wife’s salary, we arrived in Addis Ababa with our two children, ages five and one, in late August 1988. We settled into a pleasant home with electricity, hot and cold running water, and our children quickly made friends with their Ethiopian neighbours.

In spite of the obvious need for surgeons there, the practical aspects of assigning me clinic days, operating room time and teaching time took a frustratingly long time. Later, I was to realize that the inefficient use of their few resources is a problem that plagues the whole country. However, with a bit of prodding on my part, by mid-October I was more or less established as the second surgeon at St. Paul’s, a 450 bed teaching hospital of Addis Ababa University (AAU).

My work included an outpatient clinic, rounds with residents, teaching of medical students, operating time and night calls. In Ethiopia, hospitals run largely in English, including all charting and teaching, which made things much easier for me.

Working with the housestaff was very rewarding. They were like sponges, eager to soak up surgical teaching.

As might be expected, much of the pathology was very advanced, and I found I was frequently seeing cases which I had previously seen only in Hamilton Bailey’s classical textbook of Physical Signs in Clinical Surgery. Sadly, many of the cases were beyond treatment, and cancer therapy was often limited to palliative surgery. Trauma represented a large portion of emergency cases, although many arrived late, such as stab wounds to the abdomen arriving after a two to three day walk. However, the gratitude of many patients was immense, and the young age of most of the patients meant that many survived serious complications in spite of minimal medical resources.

All surgeons fight against cancellation of cases, but in Ethiopia I ran up against a whole new set of reasons, such as lack of running water, lack of oxygen and lack of gloves. On one
occasion, my threat to operate with bare hands was enough to produce previously non-existent gloves. On another occasion, bringing in a container of water from home (for scrubbing), allowed me to explore an acute abdomen due to a perforated ileum from typhoid.

A particularly eye-opening experience was travelling around the country visiting rural hospitals to gather information on surgical needs throughout the country.

I left Ethiopia with a sense of our obligation to help developing countries provide appropriate surgical services to their people. To this end, the McGill Department of Surgery is submitting a proposal to the Canadian International Development Agency (CIDA) to start a link with the AAU, Department of Surgery.

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**DATES TO REMEMBER**

**American Association of Hand Surgeons** meeting October 26-29, 1989 in San Francisco.


**Society of University Surgeons** meeting February 8-10, 1990 in Los Angeles. Abstract deadline is September 1, 1989.

**American Academy of Orthopaedic Surgeons** meeting February 8 - 13, 1990 in New Orleans, Louisiana.

**Society of Thoracic Surgeons** meeting February 17-20, 1990 in San Francisco. Abstract deadline is August 1, 1990

**Central Surgical Association** meeting March 1-3, 1990 in Chicago. Abstract deadline is September 15, 1989.

**American College of Surgeons - Spring Meeting** March 25-29, 1990 in Seattle.

**American Surgical Association** meeting April 5-7, 1990 in Washington D.C. Abstract deadline is December 1, 1989.

**American Association for Thoracic Surgery** meeting May 7-9, 1990 in Toronto. Abstract deadline is November 1, 1989.


**Society of Critical Care Medicine** meeting May 28 - June 1, 1990 in San Francisco.

**Canadian Orthopaedic Association** meeting June 3 - 7, 1990 in Vancouver. Abstract deadline is November 15, 1989.

**International Cardiovascular Society/Society of Vascular Surgery** meeting June 4-6, 1990 in Los Angeles, California. Abstract deadline is January 5, 1990.

**Surgical Infection Society** meeting June 4 - 16, 1990 in Cincinnati. Abstract deadline is December 1, 1989.


Royal College of Physicians and Surgeons meeting September 14 - 17, 1990 in Toronto. Abstract deadline is March 10, 1990.

American Association for the Surgery of Trauma meeting October 5-7, 1990 in Chicago. Abstract deadline is January 10, 1990.

American College of Surgeons Clinical Congress meeting October 7 - 12, 1990 in San Francisco. Abstract deadline for the Surgical Forum is March 5, 1990, and for the Paper Session, March 31, 1990.


NEW GRADUATE COURSES

In the past year the Division of Surgical Research introduced two new courses in the graduate program:

Course #519-601D: Seminars in Surgical Research, and

Course #519-604B: Recent Progress in Human Immunology.

Both courses were coordinated by Drs. Pnina Brodt and Harold Rode.

The seminar course (519-601D) which is mandatory for all students entering the graduate program met once weekly. Each session consisted of a general introduction by the research directors followed by a student presentation of his/her experimental procedures and data.

Despite the wide range of research interests in the Division, the course was well received by the majority of the students. Many felt that the preparation of their presentation was a useful exercise allowing them to critically review their work. The comments and discussion following the presentations were also found helpful, although many students expressed regret at the generally poor attendance by members of the staff and felt that even more benefit could have been derived with a more active participation by the staff.

MICROSURGERY VISITING PROFESSOR

Dr. Joseph C. Banis, Associate Professor of Surgery, University of Louisville visited McGill on October 3rd and 4th, to present a paper entitled "Microrevascularization of the ischemic lower extremity".
The course will be relocated in the hospitals during the coming year in order to facilitate access for members of the staff. Please make every effort to attend as your contribution could be of great benefit to the students.

Course 519-604B - Recent Progress in Human Immunology was designed to provide the students with up-to-date information on the role of host immune mechanisms in host defence and immunopathology. A wide range of immune-related phenomena such as autoimmunity, transplantation, cancer and infectious disease were covered. The focus was on the relationship between clinical investigators and basic research and this was highlighted by having each topic taught by clinical investigators and basic scientists active in the same areas of research. This attempt to integrate the two radically different but interdependent perspectives in one course is unique at McGill and it was met with enthusiasm by the students.

It is hoped that this course will attract many students from outside the Department in the upcoming year.

RECEPTION AT THE AMERICAN COLLEGE

The McGill University Department of Surgery held its Annual Reunion and cocktail reception for residents, staff and alumni, at the American College of Surgeons Clinical Congress in Atlanta on Tuesday, October 17, 1989 at 6:30 p.m. in the Crystal E Room of the Atlanta Hilton Hotel.

MANPOWER AWARDS

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<th>Internal Scholarship</th>
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<td>Jan 8</td>
<td>McLaughlin Fellowships - Form available in Dean's office, Faculty of Medicine</td>
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March 5 | Internal Scholarships (Fraser, Monat, McPherson) - Use MRC 19 or FRSQ 310 (Application includes letters of recommendation) |

Internal Studentships (For M.Sc. or Ph.D. students at least one year into study at the time of application) - Use MRC 21 (Application must include transcripts + 2 letters of recommendation, 1 from supervisor) |

Kaufmann Memorial Fellowship (postdoc in hematology) - Use MRC 18 (Application + 3 letters of recommendation and transcripts) |

July 3 | NHRDP Scholarships and Scientists (July 31 deadline) - Use NHRDP-48 |

MRC Scholarships (September 15 deadline) - Use MRC 19 |

Sept 4 | MRC Scientists (November 1 deadline) - Use MRC 19 |

MRC Cent. Fellowships (December 1 deadline) - Use MRC 20 |
FRSQ Chercheur-Boursier (October deadline - all new and competitive renewals) - Use FRSQ 310

Canadian Life Insurance Fellowship (November/December deadlines) - Form available in Dean’s Office, Faculty of Medicine.

Note: Eight copies of the application form only are required. In the case of the March 5 deadline for internal awards (scholarships and studentships), 8 copies are also needed of all pertinent materials (transcripts, letters, etc). Please send to Dr. Bitten Stripp, c/o Dean’s Office, Faculty of Medicine, McIntyre Medical Sciences Building, 6th floor. More information will be available as the deadline dates approach.

From: Faculty of Medicine, McGill University

NEW EQUIPMENT

The Division of Plastic Surgery at the RVH recently acquired the PC3D Three Dimensional Reconstructional Software package. With this program it is possible to reconstruct a multicoloured, three-dimensional model of any object from serial section data, using an IBM computer. A multicoloured model of a complex structure, which can be rotated and viewed from any angle or orientation, can be created in a few hours. This program uses data from electron and optical microscopy, macroscopic sectioning, CAT scans, positron emission tomography and NMR radiographs.

AMERICAN COLLEGE OF SURGEONS
75TH CLINICAL CONGRESS

OCTOBER 15 - 20, ATLANTA

Present and former McGill faculty members and residents were very involved in the American College meeting. Their presentations included:

Dr. Ali Alaud-Din, Barbara Rhode, Dr. Lloyd D. MacLean, Dr. R. Armour Forse - Morbid Obesity and Resting Energy Expenditure.

Dr. Richard W. Danylewick, Dr. Masoud Almasi, Dr. Harry M. Shizgal - Effect of an Anabolic Steroid on the Efficacy of Total Parenteral Nutrition.

Dr. Andrew B. Hill, Dr. Carlos M. Li, Carolyne Desrosiers, Dr. Ray C.-J. Chiu - Efficacy of Dynamic Cardiomyoplasty in Heart Failure Associated with Pulmonary Hypertension.

Dr. Chen Lee, Dr. Carolyn L. Kerrigan, Dr. Jose M. Tellado - Skin Flap Ischemia and Altered Neutrophil Function.

Dr. Reza J. Mehran, Dr. Alan M. Graham, Dr. Michael A. Ricci, Dr. Nicolas V. Christou, Dr. James F. Symes - Successful Treatment of Abdominal Aortic Graft Infection Using Vascularized Tissue Flaps.

Dr. Luis A. Picard-Ami, Dr. Carolyn L. Kerrigan - Pathophysiology of Ischemic Skin Flaps and Allopurinol.
Dr. Leopoldo Sanchez-Cantu, Dr. Harold N. Rode, Dr. Nicolas V. Christou - Lipopolysaccharide and Tumor Necrosis Factor Reduce Delayed-Type Hypersensitivity Response but not Humoral and Nonspecific Host Defense.

Dr. Hanni Shennib, Dr. Dao Nguyen, Isabelle Rajotte, Dr. David S. Mulder - Cardiopulmonary Bypass Induces Early Changes in Circulating Leukocyte Cytotoxicity.

Drs. Nick Christou and David Mulder participated in post-graduate courses. The surgical forum volume was dedicated to Dr. Lloyd D. MacLean. Dr. A.R.C. Dobell gave the John H. Gibbon Lecture entitled "Surgery in the Era of Technology".

The American Association for the Surgery of Trauma, through the generosity of Davis and Geck, Inc. and Winthrop Pharmaceuticals, is offering two research scholarships in Trauma and Surgical Critical Care. The final date for application is January 11, 1990, and the awards are in the sum of $35,000 each.

For further information, contact Lewis M. Flint, Jr, M.D., Secretary-Treasurer, A.A.S.T., Department of Surgery, SUNYAB, 462 Grider Street, Buffalo, New York 14215.

Present and former McGill faculty members and residents were involved in the Royal College meeting.

Dr. R. Brown was Co-Chairman of the Canadian Association of General Surgeons/Trauma Association of Canada Symposium and Chairman of the Trauma Association of Canada Paper Session.

Dr. A.R.C. Dobell was Co-Chairman of the Canadian Society of Cardiovascular and Thoracic Surgeons Paper Session.

Dr. G.M. Fried presented a paper on Small Bowel Obstruction: Mechanical and Non-Mechanical - When to Operate?

Dr. J. Hinchey was Chairman of the Stomach section of the Postgraduate Course on Upper Gastrointestinal Surgery, and presented a paper on Management of Upper G.I. Haemorrhage and Stress Ulceration.

Dr. J.-L. Laberge was Co-Chairman of the Paper Session of the Canadian Association of Paediatric Surgeons.
Dr. John C. Marshall was the Royal College Medallist in Surgery, and presented his Royal College Medallist in Surgery Lecture on The Gut-Liver Axis in Multiple Organ Failure: Sepsis, Infection, and Altered Immunity in Critical Surgical Illness. Based on work done at McGill, Dr. Marshall is expected to get his PhD within the year.

Dr. H.R. Shibata headed a "Meet the Professor Luncheon" on the topic of What is the Current Status of Interleukin 2, LAK Cells and TIL Cells in the Management of Melanoma and Renal Cell Carcinoma? during the Oncology section.

Dr. A. Spanier was Co-Chairman of the Canadian Critical Care Society Paper Session.

Dr. M. Wexler presented a paper on Preoperative Localization and Unilateral Neck Dissection in the Controversies in the Management of Parathyroid Tumours section of Oncology.

The following papers were also presented:

Dr. M.L. Bler, Dr. R. Loertscher, Dr. C.W. Nohr - Is Lifelong Cyclosporine Therapy Justified in Renal Transplantation? Presented in the Canadian Transplantation Society Paper Session.

Dr. M.L. Brandt, Dr. J.-M. Laberge, Dr. J.B. Otte, Dr. L. Pelletier, Dr. J. de Ville de Goyer, Dr. K. Paradis, Dr. H. Blanchard, Dr. A. Weber, Dr. P. Lebecque, Dr. D. Moulin - Reversal of Cirrhosis Associated Pulmonary Shunts by Orthopaedic Liver Transplantation (OLT). Presented in the Canadian Association of Paediatric Surgeons Paper Session.

Dr. W. Colizza, Dr. C. Moir, Dr. R. Sonnino, Dr. J.-M. Laberge, Dr. F.M. Guttman, Dr. L.T. Nguyen - Intussusception in Childhood: Experience of the Montreal Children's Hospital - A Report of 282 Cases. Presented in the Canadian Association of Paediatric Surgeons Paper Session.


Dr. D. Laporta, Dr. A. Spanier, Dr. T. Kochi, Dr. C. Covert, Dr. J. Milic-Emili - The Effect of Airway Resistance on Tidal Volume During Mechanical Ventilation. Presented in the Canadian Critical Care Society Paper Session.

Dr. C. Lee, Dr. C.L. Kerrigan - Ibuprofen: Potential Salvage of Ischemic/Reperfused Muscle. Presented in the Canadian Association of General Surgeons Paper Session.

Dr. C. Lee, Dr. C.L. Kerrigan, Dr. J.M. Tellado - Skin/Myocutaneous Flap Ischemia and Altered Neutrophil Function. Presented in the Canadian Association of General Surgeons Paper Session.

Dr. S. Meterissian, Dr. D. Saint-Vil, Dr. A. Alaud-Din, Dr. R.A. Forse - Decreased Beta Stimulated Lipolysis with Endotoxemia. Presented in the Canadian Association of General Surgeons Paper Session.
Dr. N. Miller, Dr. N.M. Sheiner, Dr. J. Borzone - Search for a Venous Substitute in the Extremity: A Canine Experiment. Presented in the Canadian Society for Vascular Surgery Paper Session.

Dr. I.R. Neilson, Dr. S. Yazbeck - Ultrashort Hirschsprung's Disease: Myth or Reality? Presented in the Canadian Association of Paediatric Surgeons Paper Session.

Dr. I.R. Neilson, Dr. R.E. Sonnino, Dr. S. Youssef - Delayed Presentation of Hirschsprung's Disease: Acute Obstruction Secondary to Megacolon with Transverse Colonic Volvulus. Presented in the Canadian Association of Paediatric Surgeons Paper Session.

Dr. I.R. Neilson, Dr. T. Whiteside, Dr. M.I. Rose - Tumour Necrosis Factor Levels in Neonatal Surgical Emergencies. Presented in the Canadian Association of Paediatric Surgeons Paper Session.

Dr. I.R. Neilson, Dr. R. Sonnino, Dr. C. Moir, Dr. D. Doody, Dr. J.-M. Laberge, Dr. S. Youssef, Dr. F.M. Guttman, Dr. L.T. Nguyen - Antibiotics and Appendicitis in Childhood. Presented in the Canadian Association of Paediatric Surgeons Paper Session.

Dr. D. Nguyen, Dr. D.S. Mulder, Dr. H. Shennib - Warm Ischemia Induces Alteration in Lung Immune Cells. Presented in the Canadian Society of Cardiovascular and Thoracic Surgeons Paper Session.

Dr. D. Nguyen, Dr. H. Shennib, Dr. D.S. Mulder - Altered Cellular Immune Function in the Atelactic Lung. Presented in the Canadian Association of General Surgeons Paper Session.


Dr. N. Spigland, Dr. R. Sonnino, Dr. M.L. Brandt, Dr. S. Youssef - Traumatic Biliary and Intestinal Tract Injuries Requiring Surgical Intervention in Children. Presented in the Canadian Association of Paediatric Surgeons Paper Session.

Dr. J. Yee, Dr. D. Petsikas, Dr. M.A. Ricci, Dr. A. Guerraty - General Surgical Procedures after Heart Transplantation. Presented in the Canadian Association of General Surgeons Paper Session.

A TEACHING DOSSIER

Teaching activities have important tenure and professorial implications - but these activities must be carefully documented and incorporated in your curriculum vitae. There is a guide available through members of the McGill Department of Surgery Executive Committee.

IN MEMORIAM

Dr. Ed Charette
KUDOS

The Care of the Surgical Patient in two volumes, edited by Walmore, Beeman, Harken, Holcroft and Meakins and published by Scientific American Medicine has been recently released. McGill is well represented by Drs. N.V. Christou, R.T. Lewis, A.P.H. McLean, C.W. Nohr, Richard Montes and J.L. Meakins.

Dr. Phil Gordon has been recently promoted to full professor at McGill University.

Dr. Albert Guerraty has been invited by Dr. Andrew Wechsler, Chairman of the Department of Surgery at the Medical College of Virginia, to work in his cardiothoracic transplantation research laboratory as well as in his clinical program in the capacity of Visiting Professor, effective October 1, 1989.

Dr. Alan Graham had two papers presented: one, "A Computer-Generated Numerical Solution to Flow in the Aorto-Iliac Segment" at the Canadian Society for Vascular Surgery; and the other, "The Effects of Regional Anaesthesia in Minimizing Post- Carotid Endarterectomy Hypertension" at the International Society for Cardio-Vascular Surgery.

Dr. Andy Hreno has set up the McGill Training and Education Committee to address pedagogical and service questions that arise in McGill affiliated hospitals.

Dr. Carolyn Kerrigan gave a panel at the American Society of Reconstructive Microsurgery, entitled "Treatment of Ischemic Muscle with Free Radical Scavengers Does Not Prevent Leukocyte Adherence during Reperfusion". She will also be lecturing at the Regional Review Course of the American Society for Surgery of the Hand.

Dr. Carol Laurin, with Lee H. Riley Jr. and Raymond Roy-Camille, has recently published a book entitled, The Atlas of Orthopaedic Surgery, Volume I, published in French as Les principes généraux de la colonne vertébrale and in English as General Principles: Spine. Two additional volumes, one on the upper extremities and one on the lower extremities, are expected to be published soon, again both in a french and in an english version.

Dr. Lucie Lessard has won an award from the Plastic Surgery Educational Foundation for her project "Do Leeches Improve Survival in Flaps with Venous Congestion?".

Dr. Luong T. Nguyen received the Young Investigator Award of the Canadian Society of Clinical Investigation for his paper "Warm Ischemia Induced Alteration of Long Immune Cell Functions".

Dr. Laurie Rosenberg is now organizing a multi-institutional McGill clinical trial on the use of somatostatin analogue on gastro-intestinal and pancreatic fistulae.
Dr. Henry Shibata has been recently promoted to full professor at McGill University.

Dr. Stavrianos had a paper presented at the American Society of Medical Engineering, entitled "Numerical Solution of the Flow in the Abdominal Aorta".

Dr. Jim Symes presented a paper at the Canadian Society for Vascular Surgery meeting, entitled "A Comparison of In-Situ vs. Reversed Saphenous Vein Grafts for Infrageniculate Bypass".

Dr. Bruce Williams was the Chairman of a symposium co-sponsored by the American Society for Surgery of the Hand, held at the Fourth Regional Review Course on Hand Surgery.

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**RECRUITMENT**

An Hepato-biliary Surgeon with extensive clinical experience and a research interest in hepatic metastasis and hepatocellular culture techniques and eligible for appointment at the professorial level is wanted to establish a Hepato-biliary Program in the Department of Surgery, McGill University. Compensation and benefits are commensurate with experience. Effective date - July 1990.

Contact Dr. J.L. Meakins at (514) 843-1504, Fax No. 843-1503.

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**RVH CHRISTMAS PARTY**

We are counting on all RVH attending staff, nurses, technicians, research fellows, residents and support staff, and spouses joining us for our biggest Christmas party yet on Thursday, December 7th, 1989, at 6:30 at the Montreal Badminton and Squash Club on Atwater. Come and celebrate after a year of hard work and commitment. We look forward to seeing you there.

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**RESIDENTS & RESEARCH FELLOWS**

Dr. Benoît De Varennes had a paper, "P-NMR Analysis of Canine Heart Preservation - Four Hour Hypothermic Immersion vs. 24 Hour Hypothermic Perfusion" presented at the Society of University Surgeons meeting.

Dr. Reza Mehran had three papers accepted for presentation: one, "A Porcine Model to Study Prosthetic Vascular Graft Infection" at the Academy for Surgical Research meeting; another, "Successful Treatment of Abdominal Aortic Graft Infection Using Vascularized Tissue Flaps" at the American College of Surgeons meeting; and the third, "The Use of the Rectus Abdominis Island Flaps in the Treatment of Abdominal Aortic Graft Infections" at the American Society of Plastic Reconstructive Surgery meeting, where it was one of the highest rated abstracts.
**Dr. Dimitri Petsikas** presented two papers: one, "Adenosine Enhances Left Ventricular Flow During 24 Hour Hypothermic Perfusion of Isolated Cardiac Allografts" at the International Society for Heart Transplant; and the other, "Assessment of Intracellular Phosphocreatine in Isolated Canine Cardiac Allografts Using 31P Nuclear Magnetic Resonance Spectroscopy" at the Academy of Surgical Research.

**Dr. Mike Ricci** had two papers presented, one, "Species Differences in Clearance of Staphylococcus Aureus Bacteremia" at the Academy for Surgical Research meeting; and the other "Use of the Non-Invasive Vascular Laboratory to Accurately Classify and Document Results of Revascularization in Patients with Chronic Limb Ischemia" at the International Society for Cardiovascular Surgery meeting.

Many more papers have been accepted for presentation or publication. Please contact us with the details and we will happily include them in the next edition.

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**INTERNATIONAL SURGICAL DAY**

McGill held an International Surgical Day on September 7, 1989 in the Archibald Amphitheatre of the Royal Victoria Hospital. The following presentations were given:

Prof. Christos Pissiotis, Professor of Surgery, University of Athens - The European Perspective in the Management of Severely Septic Patients.

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Prof. Dr. E.H. Farthmann, Klinikum der Albert-Lugwigs, Universitat Freiburg - Percutaneous vs. Operative Drainage of Intra-Abdominal Abscesses.

Dr. Dionissios Voros, Associate Professor, University of Athens - Current Trends on Diagnosis and Surgical Treatment of Hepatic Echinococcal Disease: The Meaning of Total Cystectomy.

Prof. Paul Kinnaert, Hôpital Erasme, Université Libre de Bruxelles - Modulation of Immune Mechanisms by Surgical Trauma in Rats.

Prof. Dominique Franco, Université de Paris XI - Perspective on Portal Hypertension.

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**Dr. Normand Poirier** has moved to the Hôpital Notre-Dame where he has been appointed Head of the Division of Cardiovascular and Thoracic Surgery. Happily, his participation with the McGill heart-lung transplant program will continue. We wish Normand well in his challenging new position.

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We depend on your assistance to publish this newsletter. Please send comments and submissions to:

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