



# CSPS NEWS

THE NEWSLETTER OF THE CANADIAN SOCIETY OF PLASTIC SURGEONS

Vol. 16, No. 1/2

Spring 2005

## Dr. Douglas Courtemanche and Dr. McGregor Alton will receive CSPS Lifetime Achievement Award



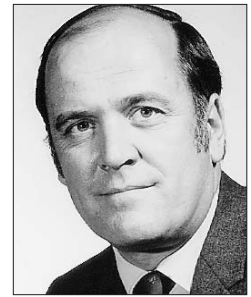
*A. Douglas Courtemanche, MD, FRCSC, Vancouver, BC*

THE CSPS LIFETIME Achievement Award for the year 2005 is given to Dr. Douglas Courtemanche and Dr. McGregor Alton in recognition of their outstanding achievements in plastic surgery and of their service to the CSPS.

Canadian plastic surgeons, we are aware that their "Founding Fathers" and "Pioneer Surgeons" were located in Central Canada. Less is generally known about the pioneering plastic surgeons who moved West.

**DR. DOUGLAS COURTEMANCHE** was recruited back to Vancouver by Dr. Robert Cowan following his postgraduate training at the University of Toronto, University of British Columbia and in Great Britain. Doug Courtemanche continued with the de-

**DR. JOHN DOUGLAS MCGREGOR (MAC) ALTON** is another of those tireless contributors to Plastic Surgery, dedicated to the



*J.D. McGregor Alton, MD, FRCSC, Edmonton, AB*

interests of patients and trainees as well as to the advancement of the art and science of Plastic Surgery. He was born and educated in the village of Lamont,

*Please see page 2, Achievement*

*Contributed by Richard Warren, MD, FRCSC (Vancouver)*

### In Memoriam Patricia A. Clugston, MD, FRCSC



**DR. PATRICIA CLUGSTON**, one of the greats of Canadian Plastic Surgery, passed away on March 1, 2004 at the age of 46.

Patty was a native of British Columbia, who grew up at the foot of the Coast Mountains in North Vancouver. As a young woman, she became an out-

standing skier and went on to excel on Canada's junior national team. At university, while pursuing a demanding academic curriculum, Patty found time to play on UBC's varsity soccer team and the ski team. She was also an excellent tennis player, and as an adult, became a tournament winning golfer.

Patty graduated from the Faculty of Science at UBC in 1981 and from Medical School in 1986. She went on to a Rotating Internship at St. Paul's Hospital in Vancouver, a year of General Practice, and then her Plastic Surgery Residency at UBC, graduating in 1993. During her residency, Patty developed an in-

terest in Breast Reconstruction, and decided to pursue a breast fellowship in Nashville Tennessee. Following a very successful fellowship year she returned to Vancouver to begin practice in January 1995 as part of the Division of Plastic Surgery at the University of British Columbia.

Almost immediately upon her return to Vancouver, Patty took over the fledgling plans for what was to become the UBC Hospital Immediate Breast Reconstruction program. This program was an instant success, and quickly

*Please see page 2, In memoriam*

## **In Memoriam, from page 1**

expanded under her guidance to supply a coordinated approach to immediate and delayed breast reconstruction for approximately 200 women per year.

Along the way, Patty always had a strong interest in medical education. In 1998, when the UBC Plastic Surgery program began accepting fellows, Patty became the Division's first Fellowship Director. From humble beginnings, Patty developed an independent fellowship in Breast Reconstruction which now trains individuals from around the world. That same year, she was appointed to the UBC resident selection committee, and in 2002, she became the Resident Program Director. In honoring Patty's commitment to teaching, she was the recipient of the most prestigious award for post graduate teaching at UBC in all specialties, the Professional Association of Residents award for excellence in 2003.

Patty was also an outstanding clinical researcher, who in a brief 10 year career was able to make important contributions to the literature of her field. She authored 16 articles and 2 book chapters, and she was always in demand as a guest speaker for medical and lay audiences alike.

For the Royal College of Physicians and Surgeons of Canada, Patty was a highly respected editor of written questions, and in 2002 she was a Royal College examiner.

As an administrator, Patty was decisive and productive. From 1998 until 2002, she acted as the Medical director for Plastic Surgery at the UBC hospital. She was a member of numerous organizations, including the CSPS, CSAPS, ASPS, and ASAPS. Perhaps her favorite, however, was the Northwest Society of Plastic Surgeons, an organization whose annual meetings afforded her an opportunity to ski, play tennis, and play golf, and to beat most of her male colleagues in the process. Patty held numerous posts with the Northwest Society, and at the time of her death was the first woman president in the 42 year history of that organization.

Patty lived life to the fullest, and carried on with her career and her extracurricular activities long after having been diagnosed in 2002 with Scleroderma. Struck with an especially virulent form of the disease, Patty practiced the profession she loved until she was finally hospitalized in September 2004.

Patty Clugston was a much loved individual, whose friends, colleagues and patients gathered on a sunny March 12<sup>th</sup>, to celebrate her remarkable life. She will be forever remembered as a clear thinking, ethical surgeon who always had the sixth sense to do the right thing. To her patients,

Patty was a hero, who was committed to excellence, but who never lost the common touch. To her many friends, she was just Patty, a humble achiever, with a keen wit, and a pragmatic approach to life, who would never let ego get in the way.

Patty is survived by her husband, Stuart Clugston, her parents, Roy and Gladys Whittle, and 5 brothers and sisters.

Tragically, Canadian Plastic Surgery has lost one of its shining stars in the prime of her career. Her legacy is secure and will live on as an example for other young surgeons wishing to maintain a rich personal life, while pursuing an academic career at the highest possible level.

## **Achievement, from page 2**

### **Dr. D. Courtemanche**

velopment of plastic surgery in British Columbia with outstanding, tireless, selfless dedication. He enhanced the scope and stature of plastic surgery in both the service and academic areas. In 1969, he established one of the largest and most progressive burn units in Canada. In 1972, he founded the plastic surgery residency training program at UBC in addition to writing in the areas of hand, burn, maxillofacial and pediatric surgery, a special passion for him. His efforts and accomplishments were not confined to the local scene. In 1983 he was President of the CSPS when the Society hosted the IPRAS quadrennial congress. He was Chair of the Royal College of Physicians and Surgeons of Canada Examination Committee (1981-83), and was elected to the Council of the College in 1982. This led him to the Presidency of the College (1992-94). This achievement was important not only locally and nationally, it was recognized internationally and deservedly brought him many honors.

He was acting Chair of the Department of Surgery at UBC in 1988 and was appointed Associate Dean and Head of Post-graduate Surgical Training in 1989. Dr. Courtemanche retired in 1994 as Professor Emeritus. He now spends his time with his wife Ann, his garden and his antique cars.

### **Dr. J.D. Alton**

Alberta. After a brief stint in the Navy he attended the University of Alberta receiving his M.D. in 1951 and M.Sc. in 1954. After post-graduate work in the U.K., Montreal and New York with William Littler, he obtained his Fellowship in Plastic Surgery in 1958 and then came on staff at the University Hospital in Edmonton. He quickly attracted a staff of well qualified Plastic Surgeons to his service and within a few years was instrumental in establishing the Division of Plastic Surgery, the Cleft Palate Clinic and the Firefighters' Burn Treatment Unit at the University Hospital.

He was the Director and Head of the Training Program of the Division of Plastic Surgery from its formation in 1965 to 1986 and was the Firefighters' Burn Professor of Surgery from 1985 to 1991 when he retired. He was appointed Professor Emeritus in 1992.

Dr. Alton's published papers and presentations were in the fields of Transplantation, Trauma and Burns. He had a special interest in Burns of the Hand and also avulsion and bear injuries.

He generously contributed his talents as a member of the Specialty and Examination committees in Plastic Surgery of the Royal College and served as Chief Examiner from 1978 to 1980.

He was president of the CSPS in 1971 and President of the College of Physicians of Surgeons of the Province of Alberta in 1980. Dr. Alton was a member of the Board of Directors of the Edmonton Eskimo Football Club for 6 years.

Dr. Alton and his wife Jane, have 5 children and 13 grandchildren. His hobbies are gardening, golf and woodworking.

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#### **CSPS NEWS**

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1469 St. Joseph Bld E., #4  
Montreal, Quebec, H2J 1M6.  
Telephone : 514-843-5415; Fax: 514-843-7005

E-mail: [csps\\_scep@bellnet.ca](mailto:csps_scep@bellnet.ca)

# 59th Annual Meeting of the Canadian Society of Plastic Surgeons

## Nanaimo, BC

### June 8-11, 2005

**Wednesday, June 8, 2005**

**GAM CANADA  
26<sup>TH</sup> Annual Meeting  
26e réunion Annuelle**

**Chair/President** James Bain  
**Secretary/Secrétaire** Nicolas Guay

**08:00 Welcome:** Operating Remarks and Introduction of Guest Speaker.

*Bienvenue: Ouverture et présentation du conférencier invité.*

**Dr. James Bain**

**0815 Facial Transplantation:** A progress report on composite tissue transplantation

*Transplantation faciale: Un rapport de progrès sur la transplantation de tissu composé*

**Maria Siemionow**

**0900 Selective Use of Ipsilateral (IC7) and Contralateral C7 (cC7) Root in OBPP**

*Utilisation sélective des racines ipsilatérale (IC7) et contralatérale (CC&) dans les paralysie du plexus brachial obstétrical*

**JK Terzis**

**0908 Complications in a Consecutive Series of 250 Free Flap Operations**

*Complications dans une série de 250 lambeaux libres consécutifs.*

**DA Classen, H Ward**

**0916 The Chimeric Parascapular Flap Including the Teres Major as a Functional Muscle for Reconstruction of the Masseter: Composite Resection of Skin, Parotid Gland, Facial Nerve, Zygoma, and Masseter for Adenoid Cystic Carcinoma of the Parotid**

*Lambeau chimérique parascapulaire incluant le grand rond comme muscle fonctionnel pour la reconstruction du masséter: résection en bloc incluant peau, parotide, nerf facial, zygoma et masséter pour un carcinome adénoïde kystique de la parotide*

**T Hayakawa, R Skoracki, E Buchel, M Jugenburg**

**0924 DISCUSSION**

**0930 The Aggressively Thinned ALT in Head and Neck Reconstruction**

*Lambeau très mince de la cuisse antérolatérale pour reconstruction tête et cou*

**T Hayakawa, E Buchel, M Jugenburg, R Ives**

**0938 Complex Midfacial Reconstruction: Challenges and Preoperative Planning**

*Reconstruction du tiers moyen de la*

*face: déficits et planification pré-opératoire*

**K Tomsett, G Hunter, Hamberg, M Miller, R Skoracki**

**0946 Trunk Reconstruction with Free Fasciocutaneous Flaps Using Intra-Abdominal Vessels.**

*Reconstruction du tronc avec des lambeaux fasciocutanés en utilisant les vaisseaux donneurs intra-abdominaux*

**E Buchel, T Hayakawa**

Winnipeg, Manitoba

**0954 DISCUSSION**

**1000 PAUSE**

**1030 Treatment of a Chronic Pilonidal Sinus Wound with a Local Perforator-Assisted Transposition Flap.**

*Traitement d'une plaie chronique de sinus pilonidal avec un lambeau local de transposition basé sur des perforantes*

**R Nelson, D Lalonde**

**1036 Conjoined Stacked DIEP Flaps for Immediate Unilateral Breast Reconstruction.**

*Lambeaux DIEP pour la reconstruction mammaire unilatérale immédiate*

**M Jugenburg, E Buchel**

**1042 Lumbar Spinal Reconstruction using Free Fibular Flaps with Left Colon Donor Vessels.**

*Reconstruction de la colonne lombaire en utilisant des lambeaux libres du péroné branchés sur les vaisseaux donneurs du colon gauche*

**E Buchel, T Hayakawa, S Souf**

**1048 Recurrence of Radial Artery Thrombosis: Case Report and Literature Review.**

*Récurrence de la thrombose de l'artère radiale: présentation d'un cas et revue de la littérature*

**S Wong, A Thoma**

**1054 The Deep Circumflex Iliac Artery Perforator Flap**

*Lambeau basé sur les perforantes de l'artère iliaque circonflexe profonde*

**L Bergeron, M Tang, S Morris**

**1100 DISCUSSION**

**1110 Panel Discussion:** "This perforator flap is now my workhorse"

*Table ronde: « Ce lambeau perforant est maintenant mon préféré »*

Dr. S. Morris

Dr. P.C. Neligan

Moderator: Dr. J. Bain

**1130 Resident award presentation / Présentation du prix au résident**

**1145 Business Meeting / Assemblée Générale Annuelle**

#### **EDUCATIONAL FOUNDATION SYMPOSIUM SYMPOSIUM DE LA FONDATION D'ÉDUCATION**

**Cosmetic Facial Surgery: Selected Update and Review**

*Chirurgie cosmétique faciale: Mise à jour sélective revue*

Chair / Président: David Kester

**1300 Eyelid-cheek interface  
Interface joue paupière**

**R Warren**

Vancouver, BC.

**1345 Rejuvenation of the middle third of the face: How to use the vectors to achieve balance between volume and lifted areas**

*Rajeunissement du tiers moyen de la face: Comment utiliser les vecteurs pour obtenir un équilibre entre le volume et les sites redrapés*

**F Molina**

Mexico City, Mexico

**1430 QUESTIONS**

**1445 Bepharoplasty and the oriental eyelid  
Blépharoplastie et la paupière orientale**

**Q Son-Hing**

Vancouver, BC

**1530 QUESTIONS**

**1540 PAUSE**

**1600 Experience with the high SMAS deep plane facelift**

*Expérience du redrapage facial en utilisant le plan profond du SMAS haut*

**Y Larocque**

Laval, QC

**1645 QUESTIONS**

**CME**

**AMA CATEGORY 1:  
19.5 hours total**

**Accredited Group Learning Activity  
for Royal College CPD**



EYE-OPENER / LÈVE-TÔT

0700 - 0800 MOHs Surgery and Results  
*La Chirurgie MOHs et ses résultats*  
Lawrence Warshawski, MD  
Bryce Cowan, MD

CSPS ANNUAL MEETING  
RÉUNION ANNUELLE DE LA SSCP

0800 - 0815 Welcome to the 59th Annual Meeting of the Canadian Society of Plastic Surgeons  
*Bienvenue à la 59ème réunion annuelle de la Société canadienne des chirurgiens plasticiens*

President of the Society  
*Président de la Société*      **Howard Adams**

Convention Chair  
*Président du congrès*      **Lawrence Tang**

Scientific Sessions Chair  
*Président des sessions scientifiques*      **Kenneth Murray**

SESSION I

Co-chairs / co-présidents: **Nicolas Guay**  
**Rob Harrop**

0815 Ocular injuries in facial trauma  
*Blessures oculaires dans le trauma facial*

**DJ Courtemanche, D Nagase**

0821 Endoscopic assisted cantilever nasal reconstruction  
*Reconstruction nasale avec greffe osseuse cantilever assistée par endoscopie*  
**JA Fialkov**

0827 Costo-chondral arthroplasty for TMJ reconstruction  
*Arthroplastie costo-chondrale pour la reconstruction des TMJ*  
**DJ Courtemanche**

0833 Presurgical unilateral cleft lip anthropometrics - Implications for the choice of repair technique  
*Anthropométrie préchirurgicale de la fente labiale unilatérale- implications dans le choix de la technique de réparation*  
**CJ Boorer, DM Fisher**

0839 DISCUSSION

0845 3 dimensional CT microangiography of the thoracodorsal artery perforator flap from muscle to subdermal plexus  
*Microangiographie par tomographie axiale 3D du lambeau perforant de l'artère thoraco-dorsale, du muscle jusqu'au plexus dermique*  
**A Goodwin, A Tregaskiss, R Acland**

0851 Anatomical basis to the posterior thigh

perforator flap  
*Base anatomique des lambeaux perforants de la cuisse postérieure*

**R Ahmadzadeh, L Bergeron, M Tang, CR Geddes, SF Morris**

0857 The IMAP Flap: A useful new flap in head and neck reconstruction  
*Lambeau IMAP: un nouveau lambeau utile dans la reconstruction tête et cou*  
**PC Neligan, PJ Gullane**

0903 DISCUSSION

0908 Induction of Immune Tolerance in a Mouse limb transplant model using triple therapy  
*Induction de tolérance immunitaire dans un modèle de transplant de membre chez la souris en utilisant la triple thérapie*  
**T Zhong, DC Ross, CLF Temple, J Jiang, Y Liu, B Garcia, R Zhong**

0914 Protection of muscle flaps against ischemia/reperfusion (I/R) injury with cariporide-induced Na<sup>+</sup>/H<sup>+</sup> exchange (NHE) inhibition.  
*Protection des lambeaux musculaires contre les dommages d'ischémie/reperfusion avec un cariporide inhibiteur des échanges Na<sup>+</sup>/H<sup>+</sup>*  
**SE McAllister, MA Moses, N Huang, H Ashrafpour, PC Neligan, CR Forrest, JE Lipa, CY Pang**

0920 GSK-3beta activity is abnormal in Dupuytren's contracture  
*Activité anormale du GSK-3beta dans la contracture de Dupuytren*  
**E Bowley, E Mulvihill, JC Howard, Y Wu, D O'Gorman, BS Gan**

0926 Successful Management of Life-threatening Burns with Cultured Skin Substitutes: a Case Report  
*Traitement réussi des brûlures graves avec des substituts cutanés cultivées : présentation d'un cas*  
**E Tredget, S Logsetty, T Riegel, H Shankowsky, M Reed, S Boyce**

0932 DISCUSSION

0938 Steps towards anatomically accurate modelling of human hand movement  
*Progrès vers un modèle anatomique précis 3-D des mouvements de la main*  
**NH McKee, W Tsang, AM Agur, K Singh**

0944 Mutilating upper extremity injuries and their impact on body image  
*Mutilation du membre supérieur et impact sur l'image corporel*  
**P Binhammer**

0950 Return to work as a primary outcome in studies comparing open and endoscopic carpal tunnel release: A review of randomized controlled trials  
*Retour au travail comme résultat primaire dans les études sur l'ouverture du canal carpien par voie ouverte ou endoscopique*  
**B Ayeni, A Thoma**

0956 DISCUSSION

1001 PAUSE

SESSION II

Co-chairs / co-présidents:

**Bing Siang Gan**  
**Thomas Hayakawa**

1031 Soft tissue reconstruction of the elbow – Clinical outcomes and treatment algorithm  
*Reconstruction des tissus mous du coude - Résultats cliniques et algorithme de traitement*  
**G Cook, G King, D Ross, C Temple**

1037 Indications and outcomes of spinal accessory nerve transfer to suprascapular nerve in obstetric brachial plexus palsy  
*Indications et résultats du transfert du nerf spinal accessoire au suprascapulaire dans la paralysie brachiale obstétricale*  
**JC Lin, P Egerszegi, C Stanciu, L Caouette-Laberge**

1043 Outcomes of neurotizations using 661 intercostal nerves in 138 patients with brachial plexopathies  
*Résultats des neurotisations en utilisant 661 nerfs intercostaux chez 138 patients avec atteintes du plexus brachial*  
**JK Terzis, I Kostas**

1049 DISCUSSION

1054 Trapezial tunnel syndrome: Entrapment of the flexor carpi radialis tendon  
*Syndrome du canal trapézoïde: ténosynovite sténosante du fléchisseur radial du carpe*  
**AJ Fortin, GA Robertson**

1100 De- epithelialized cross finger flaps vs adipofascial turnover flaps for the reconstruction of small complex dorsal digital defects: A comparative analysis  
*Lambeau de doigts croisés désépithérialisés vs lambeau adipofascial renversé dans la reconstruction des pertes de tissu dorsal des doigts : une étude comparative*  
**MM Al Qattan**

1106 Dalhousie Project Clinical Phase: Incidences of infarction and phentolamine rescue in 1770 hand and 1340 finger injections with adrenaline  
*La phase clinique du Projet Dalhousie: Incidences d'infarction et de sauvetage à la phentolamine dans 1770 cas d'injection à la main d'adrénaline et 1340 cas d'injection au doigt.*

**DH Lalonde, M Bell, P Benoit, G Sparkes, K Denkler, P Chang, P Shoemaker, F Watkins, A Rideout**

1112 DISCUSSION

1117 Review of oromandibular free flap reconstruction: Experience at St. Joseph's HealthCare, Hamilton, Ontario  
*Revue des reconstructions par lambeaux oromandibulaires libres: expérience du St. Joseph's HealthCare, Hamilton*  
**RT Chew, A Thoma, C Mongiardi**  
Burlington, ON

1123 Cost-Utility analysis comparing endoscopic and open carpal tunnel release  
*Analyse coût-bénéfice comparant l'ouverture du canal carpien par voie ouverte et endoscopique*  
**V Wong, E Duku, S Sprague, A Thoma**

1129 Strategy for creation and implementation of a regionalized replantation program. The Quebec Provincial Replantation Program (QPRP) experience, a model for Canadian health care systems  
*Stratégie pour la création et la réalisation d'un programme régionalisé de réimplantation. Expérience du programme provincial québécois, un modèle pour le système de santé canadien*

**A Nikolis, I Perreault, PG Harris, E Bensimon, M Bissonnette, JP Borsanyi, H Ciaburro, C Cordoba, A Gagnon, S Gagnon, C Guertin, E Hashim, K Latendresse, B Mastropasqua, S Nicolaidis, T Zadeh, J Rouleau, G Beauchamp, JM Paquin, A Chollet**

#### 1135 DISCUSSION

1140 AW FARMER LECTURE  
**F Molina**  
Mexico City, Mexico

1210 "The Great Canadian Plastic Surgery Debate 2005" Education vs Entertainment: An Ethical Dilemma  
*"Le grand débat canadien en chirurgie plastique": Enseignement v. spectacle: Un dilemme déontologique*  
**D Birdsell, S Morris, W Perron**

## Friday, June 10, 2005

### EYE-OPENER / SESSION LÈVE-TÔT

0700 Anesthesia for the Office  
*L'Anesthésie en cabinet médical*  
**Paul Draper, MD**  
Vancouver, BC

#### SESSION III

Co-chairs / co-présidents: **Oleh Antyshyn**

**Steven Morris**

0805 Developing a finite element model of the human zygoma  
*Développement d'un modèle 3-D bien défini du zygoma humain*  
**CS Goldberg, T Szwedowski, C Whyne, J Fialkov**

0811 Teaching model for reconstruction of the microtic ear  
*Modèle d'enseignement pour la reconstruction de l'oreille microotique*  
**J Lee, A Grosvenor, R Seelaus, G Zabanah, R Lederer, G Wilkes**

0817 Planning for comprehensive cleft patient

care- a projection study  
*Planification du traitement complet des patients avec fentes- une étude pilote*  
**DR McKay, DM Fisher**

#### 0823 DISCUSSION

0829 Near infrared spectroscopy for burn wound depth assessment  
*Évaluation de la profondeur des brûlures par un spectroscope quasi infra-rouge*  
**KM Cross, MA Hastings, JR Payette, M Gomez, BJ Schattka, MG Sowa, L Leonardi, JS Fish**

0835 The effects of NF-kB inhibition on a murine scald wound model  
*Effets de l'inhibition NF-kB dans un modèle de plaie par brûlure*  
**O Reid, S Bertsch, C Schrag, C Mowat, M Trotter, R Lindsay, BW Winston**

0841 Burn wound infection: Defining the indefinable?  
*Infection des brûlures: définir l'indéfinissable?*  
**A Bourget, S Nicolaidis, L Duranceau, M-J Dubois**

#### 0847 DISCUSSION

0852 Factors associated with post-operative infection in autogenous and alloplastic cranio-plasty reconstruction  
*Facteurs associés à une infection post-opératoire dans les crânioplasties autologues et alloplastiques*  
**A Gagnon, L Boucher, C Cordoba, PG Harris, M Bojanowski, R Moudijian, A Nikolis**

0858 Cervical spine injury in association with craniomaxillofacial fractures  
*Blessures de la colonne cervicale en association les fractures crâniofaciales*  
**B Howley, M Elahi**

0904 Salvage of total knee arthroplasty after pedicled gastrocnemius muscle flap reconstruction  
*Sauvetage d'une arthroplastie totale du genou après une reconstruction par lambeau pédiculé du gastrocnemius*  
**S Al-Safadi, R Richards, HB Evans**

#### 0910 DISCUSSION

0915 Expression of HLA-G in thin malignant melanomas as a potential determinant of metastatic potential  
*Expression du HLA-G dans le mélanome malin mince comme déterminant possible du potentiel de métastase*  
**M Bezuhly, R Langley, S Morris, G Rowden, A Howlett**  
Halifax, NS

0921 Clinical Significance of the RT-PCR Positive Sentinel Node in Melanoma  
*Signification clinique du ganglion sentinelle positif dans le mélanome*  
**L Snell, C Temple, E Engel, S Chakra-**

**barti, A Matarr, R Lohmann, P Ainsworth, M Joseph**

0927 Inhibition of human melanoma using PSC833 (Valspodar)  
*Inhibition du mélanome humain en utilisant le PSC833*  
**A Yusuf, J Kankesan, J Theissen, PM Rao, S Rajalakshmi, D Sarma**

#### 0933 DISCUSSION

0938 Comprehensive management of patients with Pierre Robin Sequence  
*Traitement complet des patients avec une séquence de Pierre Robin*  
**CJ Kurz, A Deliyannides, S Hundert, CA Elliott, JL Olson**

0944 Early complications, surgeons' recollections, family opinions: A justification for admission following cleft lip surgery  
*Complications initiales, souvenirs du chirurgien, opinions de la famille: justification d'une admission après chirurgie pour fente labiale*  
**R Watts, R Hopper, R Umbdenstock, C Lewis, J Starr**

0950 Pediatric hand-burns due to gas fireplaces: A seven-year retrospective analysis  
*Brûlures des mains chez l'enfant causées par les foyers au gaz: une analyse rétrospective de sept ans*  
**JC Dawes, D Bergen, R Harrop**

#### 0956 DISCUSSION

#### 1001 PAUSE

#### SESSION IV

Co-chairs / co-présidents:

**Alfonso Gomez-Jimenez  
Douglas Ross**

1031 Textured Surface Breast Implants in the Prevention of Capsular Contracture: A Meta-Analysis of Randomized Controlled Trials  
*Les implants mammaires texturés dans la prévention des contractures capsulaires: une méta-analyse*  
**GP Barnsley, L Sigurdson, S Barnsley**

1037 Breast reduction scars: Prospective analysis of surgical staples versus absorbable sutures  
*Cicatrices des réductions mammaires: analyse prospective en utilisant des agrafes versus des sutures résorbables*  
**KM Horton, J Giuffre, GB Singh, KA Murray**

1043 Reconstruction following mastectomy for Stage I or Stage II breast cancer – an epidemiologic Study conducted within the Calgary Health Region  
*Reconstruction après mastectomie pour les cancers du sein stage I et II – une étude épidémiologique*  
**JS Dool, AR Harrop, WG deHaas, CJ Doig**

#### 1049 DISCUSSION

1054 Randomized double blinded comparison  
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of duration of anesthesia between three commonly used agents in digital nerve block

*Étude à double insu randomisée comparant la durée de l'anesthésie entre trois agents courants*

**C Thomson, DH Lalonde**

**1100** Intravenous regional anesthesia administered by the operating plastic surgeon: Is it safe and efficient? Experience of a medical center

*Anesthésie régionale intraveineuse administrée par le plasticien: est-ce sécuritaire et efficace?*

**J Bou-Merhi, A Gagnon, M Bissonnette, J-Y St-Laurent, A Chollet**

**1106** Syndromic Upper Extremity Congenital Anomalies (EUCA): manifestations, trends, and associations

*Anomalies syndromiques congénitales du membre supérieur: manifestation, déficits et associations*

**WL Parker, H Sinno, HB Williams**

## 1112 DISCUSSION

**1117** The Canadian Plastic Surgery Workforce Survey: Implications For the future of Canadian Plastic Surgery

*Enquête canadienne sur les effectifs en chirurgie plastique: implications pour l'avenir de la chirurgie plastique*

**S Macadam, E Brown**

**1123** The white-eyed medial blowout fracture  
*Fracture par éclatement de l'orbite médiale*

**R Tse, D Matic**

**1129** Treatment of cystic lymphatic vascular malformations with OK-432 sclerotherapy

*Traitement des malformations vasculaires lymphatiques kystiques par sclérothérapie avec OK-432*

**DA Peters, DJ Courtemanche, MKS Heran, JP Ludemann, JS Prendiville**

## 1135 DISCUSSION

**1140** The Abductor Pollicis Longus accessorius, a potential tendon donor site in the absence of Palmaris Longus: an anatomic study and case report

*Le long abducteur accessoire du pouce, un donneur potentiel en l'absence du petit palmaire*

**H St-Amand, E Maihot, D Cloutier**

**1146** Carpal Fractures and dislocations in children: Diagnosis and treatment

*Fractures et dislocations du carpe chez l'enfant: diagnostic et traitement*

**JL Giuffre, KM Horton, E Buchel**

**1152** Use of a modified Merritt splint in proximal zone IV and zone V extensor tendon injuries: A pilot study

*Utilisation d'une attelle modifiée de Merritt dans les traumatismes des extenseurs proximaux zone IV et V: une étude pilote*

**A Islur, R Friesen, D Musto, T Hayakawa, KA Murray**

## 1158 DISCUSSION

**1204** Are we making sense? Patient-rated outcomes of innervated TRAM flap breast reconstruction

*Sommes-nous sur la bonne voie? Résultats des reconstructions mammaires par TRAM innervé évalués par les patients*

**S Kim, DC Ross, BS Gan, R Tse, ML Bettger-Hahn, CL Temple**

**1210** Trauma Algorithms: should intracranial imaging be routine in patients with mandible fractures?

*L'imagerie intracrânienne devrait-elle être routinière chez les patients présentant une fracture de la mandibule?*

**M Czerwinski, WL Parker, HB Williams**

**1216** Nerve transfers for motor and sensory recovery in the peripheral nervous system

*Transferts nerveux pour récupération sensitive et motrice dans le système nerveux périphérique*

**S Parbhakar, C Levis, J Bain**

## 1222 DISCUSSION

**1228** Body Contouring following Massive Weight Loss

*Le contouring corporel à la suite d'une perte de poids massive.*

**JF Capella**

Speaker of the Royal College of Physicians and Surgeons of Canada

*Conférencier du Collège royal des médecins et chirurgiens du Canada*

## Saturday, June 11, 2005

### SESSION V

Co-chairs / co-présidents:

**Christopher Taylor  
Gilles Beauregard**

**0805** Open reduction rigid internal fixation for post-sternotomy mediastinitis

*Fixation interne rigide par réduction ouverte pour médiastinite post sternotomie*

**HH Sinno, O Tesser, M Czerwinski, T Dionisopoulos**

**0811** Suitability of Kryptonite™ as a craniofacial bone substitute: An in vivo evaluation

*Pertinence du Kryptonite™ comme substitut d'os crâniofacial: une évaluation in vivo*

**AD Armour, J Fialkov**

**0817** Methodological issues and difficulties performing a randomized controlled trial (RCT) in plastic surgery

*Problèmes méthodologiques et difficultés pour réaliser des études contrôlées randomisées en chirurgie plastique*

**A Thoma, S Sprague**

**0823** Systematic review of publications com-

paring silicone and saline breast implants

*Revue systématique de la littérature comparant les implants mammaires à l'eau saline et au gel de silicone*

**RJ Evans, RT Chew, A Thoma**

## 0829 DISCUSSION

**0835** Breast Reconstruction, pre mastectomy  
*Reconstruction mammaire pré-mastectomie*

**A Gomez-Jimenez, M Sirois**

Bathurst, NB

**0841** 225 Consecutive Free D.I.E.P flaps for breast reconstruction: Indications, outcomes and complications

*225 lambeaux libres DIEP consécutifs pour reconstruction mammaire: indications, résultats et complications*

**E Buchel, T Hayakawa, P Garvey**

**0847** Complications associated with breast reconstruction using a perforator flap compared to a TRAM flap

*Complications des reconstructions mammaires: lambeau perforant comparé au lambeau TRAM*

**A Scheer, CB Novak, PC Neligan, J**

Lipa

## 0853 DISCUSSION

**0858** The perimeter technique for lentigo maligna: an alternative to Mohs micrographic surgery

*La technique périmétrique pour le lentigo malin: une alternative à la chirurgie micrographique de Mohs*

**MH Mahoney, CFL Temple, M Joseph**

**0904** High-dose Interleukin-2 for metastatic melanoma: Challenges & early results

*Interleukin-2 à haute dose pour le mélanome métastatique: défis et résultats initiaux*

**CLF Temple, S Ernst, S Pautler, DC Ross, J Fuller, S Anderson, T Hurlock-Chorostecki, M Bettger-Hahn**

**0910** Dynamic wound closure: Application and complications

*Fermeture dynamique des plaies: application et complications*

**MSG Bell, M Allen, B Reitsma**

*Dr. Bell holds a patent on these devices, with potential financial gain.*

## 0916 DISCUSSION

**0921** The epidemiology of cutaneous malignant melanoma in Nova Scotia, Canada

*Épidémiologie du mélanome malin cutané en Nouvelle-Écosse*

**A Howlett, S Morris, R Deward**

**0927** Breast volume determination in breast hypertrophy: An accurate method using two anthropomorphic measurements

*Maladies fibroprolifératives de la peau: le rôle des fibrocytes périphériques sanguins*

**LJ Sigurdson, SA Kirkland**



**0933** The development of virtual craniofacial anthropometry

*Le développement de l'anthropométrie crâniofaciale virtuelle*

**TH Stokes, SR Marshall, RW Nightengale, S Mukundan, CR Forrest, JR Marcus**

**0939 DISCUSSION**

**0944** ALA-PDT in the United States: Photo-rejuvenation and Aks

*ALA-PDT aux États-Unis: photorajeunissement et Aks*

**MH Gold**

Dr. Gold is a medical advisor and consultant for, receives research grants from and owns stock in DUSA Pharmaceuticals, Inc and Lumenis, Inc.

**0950** Segmental Le Fort I surgery: Turning a predicted soft tissue failure into a success

*Opération de Le Fort I segmentaire: conversion d'un échec prévu en succès*

**D Leshem, JH Phillips**

**0956** A review of 2975 consecutive operations by one surgeon in an accredited outpatient plastic surgery surgicentre: A Canadian experience

*Revue de 2975 opérations consécutives par le même chirurgien dans une clinique de chirurgie ambulatoire accréditée*

**LR Chasmar**

**1002** Operation Rainbow, A teaching program for Plastic Surgery residents

*Opération Rainbow, un programme d'enseignement pour les résidents en chirurgie plastique*

**DK Rai**

**1008 DISCUSSION**

**1013** Introduction to the Ross Tilley Lecture  
*Présentation de la Conférence Ross Tilley*

**Steven Morris**

**1018** Alternatives in alloplastic material use in reconstructive surgery (RT)

*Alternatives dans l'utilisation de matériaux alloplastiques dans la chirurgie de reconstruction.*

**A Nikolis**

**1028 PAUSE**

**SESSION VI**

Co-chairs / co-présidents: **Leif Sigurdson  
Claire Temple**

**1058** Introduction to Beyond the Knife  
*Présentation de la Session Au-delà du couteau*

**Howard Clarke**

**1103** Beyond the old knife - inventing a new career

*Au-delà de l'ancien couteau - s'inventer une nouvelle carrière*

**MSG Bell**

**1111** My life with lactic acid  
*Ma vie avec l'acide lactique.*  
**P Neligan**

**1119** Practical dog psychology lessons learned with rescue labs or who, who-who-who-who-who let the labs out!

*Leçons de psychologie canine pratique apprises avec des chiens Labradors de sauvetage: "who, who-who-who-who-who let the labs out!"*

**DH Lalonde**

**1127** Plate removal in craniofacial trauma: A 13-year practice review

*Exérèse des plaques dans les traumas crâniofaciaux: revue de 13 ans de pratique*

**DJ Courtemanche, D Nagase, D Peeters**

**1133** The "Cyrano Nose": Addressing controversies in surgical technique and treatment approach to hemangiomas of the nasal tip

*Nez « Cyrano » : controverses dans le traitement et l'approche chirurgicale des hémangiomes de la pointe nasale*

**JS Arneja, BA Drolet, AK Gosain**

**1139** Radiation effects and cytoprotection in MC3T3-E1 mouse osteoblasts

*Effets de la radiation et cytoprotection dans les ostéoblastes de la souris MC3T3-E1*

**AM Gevorgyan, B Sukhu, I Yeung, PC Neligan, CY Pang, CR Forrest**

**1145 DISCUSSION**

**1150** Three-point fixation of orbitozygomatic fractures without skin incisions: The lateral transconjunctival approach to the lateral orbit

*Fixation en trois points des fractures orbitozygomatiques sans incision cutanée : approche transconjonctivale latérale de l'orbite médiale*

**M Martin, E Rodriguez, C Vander Kolk, P Manson**

**1156** Isolated limb infusion for melanoma: An alternative to isolated limb perfusion

*L Snell, C Temple, J Fraser, J Wood, K Armstrong, R Kozak*

**1202** Comprehensive longitudinal care of hemifacial microsomia (HFM): The Sick Kids Protocol

*Le traitement complet longitudinal des microsomies hémifaciales : protocole du Sick Kids*

**KH Chakrabarty, CR Forrest**

**1208 DISCUSSION**

**1213** Microtia reconstruction and the craniofacial syndromic patient

*Reconstruction de la microtie et le patient syndromique crâniofacial*

**L Kasrai, D Fisher**

**1219** Aesthetic forehead remodeling in patients with hyperpneumatized frontal sinuses

*Remodelage esthétique du front chez les patients avec sinus frontaux hyperpneumatés*

**D Morgan, O Antonyshyn**

**1225** Biometric morphing: A novel technique for the analysis and prediction of morphological outcomes following facial surgery

*Morphologie biométrique : une technique nouvelle pour analyser et prédire les résultats morphologiques après chirurgie faciale*

**M Pahuta, J Mainprize, FJ Rohlf, O Antonyshyn**

**1231 DISCUSSION**

**POSTERS  
AFFICHES**

**P02** Fibroproliferative disorders of the skin: The role of peripheral blood fibrocytes

*Maladies fibroprolifératives de la peau: le rôle des fibrocytes périphériques sanguins*

**F Yau, P Scott, A Ghahary, A Medina, A Banjar, C Dodd, H Shankowsky, EE Tredget**

**P03** A 20-year comparison of the levels of evidence in plastic surgery literature

*Une comparaison de 20 ans des niveaux d'évidence dans la littérature de chirurgie plastique*

**FB Loisel, R Mahabir, AR Harrop**

**P04** Methicillin resistant staphylococcus aureus (MRSA) infection in burn patients treated in Vancouver, British Columbia from 1994-2004

*Infection à staphylocoques dorés résistants à la méthicilline chez les brûlés traités à Vancouver*

**C Tan, WG Cannon, T Ho, E Germann, CFT Snelling, A Anzarut, JC Boyle, C Verchere, BC Professional Fire Fighter's Burn Unit, Vancouver General Hospital and BC Children's Hospital Burn Unit**

**P05** The use of early clinical features and laboratory values in the determination of necrotizing fasciitis with associated myonecrosis

*Utilisation des éléments cliniques initiaux et des résultats de laboratoire dans la détermination des fasciites nécrosantes avec myonécrose*

**Q Chivers, R Lindsay**

**RESIDENT POSTER CORNER  
AFFICHES DES RÉSIDENTS**

**RP01** Sterile vs. Non sterile clean dressing  
*Pansement stérile versus non stérile*

**M Alqahtani, DH Lalonde**

**RP02** Occlusal splint vs. surgical airway: A non-surgical management of the airway in post-traumatic craniomaxillofacial surgery

*Attelle occlusive vs voie respiratoire chirurgicale : un traitement non chirurgical des voies respiratoires dans la chirurgie crânio-maxillofaciale post-traumatique*

**M Jugenburg, LL Ross**

**RP03** Evaluation of autologous platelet gel in breast reduction surgery: A double-blind randomized controlled trial

*Evaluation du gel de plaquettes autologues dans la chirurgie de réduction mammaire : une étude à double insu randomisée contrôlée*

**AA Anzarut, C Guenther, D Edwards,**

R Tsuyuki

**RP04** Mandible fracture imaging: plain films versus computed tomography  
*Fracture de la mandibule: radiographies simple versus tomographie axiale*  
**J MacDonald, NJ Carr**

**RP05** Changes with the introduction of a Mini C-Arm to the minor surgery area  
*Changements au bloc opératoire mineur avec l'introduction d'un mini-bras C*  
**RC Mahabir, L Thurgood, R Harrop**

**RP06** Abdominal compartment syndrome in burn patients: Case series and literature review  
*Syndrome du compartiment abdominal chez les brûlés : série de cas et revue de la littérature*  
**F Ali, C Levis**

**RP07** Keratoacanthoma : an unusual case and literature review.  
*Kératoacanthome: cas inhabituel et revue de la littérature*  
**M Tardif, JC Lin, É Bensimon, A Chollet**

**RP08** Galactorrhea as a complication of reduction mammoplasty: A case series and review of the literature  
*Galactorrhée comme complication de la réduction mammaire: une série de cas et revue de la littérature*  
**K Meathral, A Dal Cin**

**RP09** The effects of masseter muscle paralysis on craniofacial bone growth  
*Effets de la paralysie du masséter sur la croissance crâniofaciale*  
**A Yasdani, D Matic**

**RP10** The impact of vacuum assisted closure system in the management of poststernotomy mediastinitis  
*Impact du système de fermeture par pression négative dans le traitement de la médiastinite post sternostomie*  
**C Bernier, H St-Amand, R Baillot, B Dionne, D Cloutier**

**RP11** Salvage of a supercharged pedicled TRAM with angioplasty stent  
*Sauvetage d'un TRAM pédiculé avec une angioplastie par prothèse endovasculaire*  
**S Wong, A Dal Cin**

**RP12** Artificial skin: Improving vascularization  
*Peau artificielle: amélioration de la circulation*  
**DC Martin, MV Sefton, JL Semple**

**RP13** Assessment of the speech outcomes in patients presenting late for the treatment of clefts of the secondary palate - A Pilot Study  
*Évaluation du langage chez les patients traiter tardivement pour fissures du palais secondaire : une étude pilote*  
**J Ward, H Clarke, P Klaiman**

**RP14** Alternative surgical technique for mallet

fractures

*Alternative surgical technique for mallet*

fractures

**Z Al-Fardan**

**RP15** An unusual case of a malignant melanoma arising from a subdermal blue nevus  
*Cas inhabituel de mélanome malin survenant sur un naevus bleu sous-dermique*  
**KB Osei-Tutu, PC Neligan, DM Ghazarian**

**RP16** Application of the consolidated standards of reporting (CONSORT) in the plastic surgery literature

*Application des normes consolidées de notification (CONSORT) dans la littérature en chirurgie plastique.*

**SM Rabah, G Rockwell, A Thoma**

**RP17** Comparison of functional outcomes in innervated and non-innervated radial forearm free flap reconstruction of the tongue

*Comparaison des résultats fonctionnels dans la reconstruction de la langue par lambeaux libres radiaux innervés et non innervés*

**J Wolfli, J Rieger, G Moysa, H Seikaly**

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