

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

1. **SURNAME:** Panton **FIRST NAME:** Ormond
MIDDLE NAMES: Neely Magnus
2. **DEPARTMENT/SCHOOL:** Surgery, Division of General Surgery **Initials:** ONMP
3. **FACULTY:** Medicine
4. **PRESENT RANK:** Clinical Professor **SINCE:** July 2007
5. **POST-SECONDARY EDUCATION** **LAST UPDATED:** June 2013

	University or Institution	Degree	Subject Area	Dates
	University of the West Indies Kingston, Jamaica, WI		Faculty of Natural Sciences	1971-1972
	University of the West Indies Kingston, Jamaica, WI	MB, BS	Faculty of Medicine	1972-1977
	University of the West Indies Kingston, Jamaica, WI	Internship	Obstetrics and Gynaecology, 6 months Internal Medicine, 6 months	1977-1978
	University of the West Indies Kingston, Jamaica, WI	Resident	General Surgery, 6 months Paediatric Surgery, 3 months	1978-1979
	University of British Columbia	Resident	General Surgery	1979-1984
	Royal College of Physicians and Surgeons of Canada	FRCS(C)	General Surgery	November 23, 1983

Title of Dissertation and Name of Supervisor

Adrenal Dysfunction. Final Year UWI Medical Student Elective in Endocrinology, McMaster University, Hamilton, Ontario, Canada.

Dr. N. Toews, Professor of Medicine, McMaster University, Supervisor.

Dr. R. Richards, Professor of Medicine, University of the West Indies, Supervisor.

Special Professional Qualifications

Fellow of the Royal College of Physicians and Surgeons of Canada, General Surgery, November 23, 1983.

Licentiate of the Medical Council of Canada, December 7, 1983.

Fellow of the American College of Surgeons, General Surgery, October 19, 1989.

Certified Advanced Laparoscopic Surgeon.

6. **EMPLOYMENT RECORD**

(a)

University, Company or Organization	Rank or Title	Dates
Cayman Islands Government Medical Services, George Town, Grand Cayman, Cayman Islands	Medical Officer of Health	March 1979-June 1979
St. Paul's Hospital, Vancouver, BC, Canada	Surgical Assistant	August 1984-December 1984
Kootenay Lake General Hospital, Nelson, BC, Canada	Locum Surgeon	October 1984-November 1984
Delta Hospital, Delta, BC, Canada	Consultant, General Surgeon	January 1985-April 2001
St. Paul's Hospital, Vancouver, BC, Canada	Consultant, General Surgeon, Visiting Staff	June 1997-June 1999
Delta Hospital, Delta, BC, Canada	Consulting Staff	May 2001-June 2001
UBC Hospital, Vancouver, BC, Canada	Consultant General Surgeon	
UBC Hospital, Vancouver, BC, Canada	Interim Surgical Director, UBC Site	April 2002-May 2003
Vancouver General & UBC Hospitals, Vancouver, BC, Canada	Head, Division of General Surgery	June 2003-present
Vancouver Acute Hospital, Vancouver, BC, Canada	Medical Director, Jim Pattison Pavillion Operating Rooms	January 2007 – December 31, 2007
Vancouver Acute Hospital, Vancouver, BC, Canada	Team Leader, Gold Acute Care Surgery	April 2012

(b) **At UBC**

Rank or Title	Dates
Clinical Instructor	July 1996-June 2000
Clinical Assistant Professor	July 2000-June 2004
Clinical Associate Professor	July 2004-June 2007
Clinical Professor	July 2007
Acting Head, Division of General Surgery	May 2007-June 2008
Head, Division of General Surgery	July 2008

(c) *Date of granting of tenure at UBC:*

7. **LEAVES OF ABSENCE**

Type of Leave

Date

8. **TEACHING**

(a) ***Areas of special interest and
accomplishments***

I am thoroughly committed to mentoring and training for the acquisition of laparoscopic skills for surgical residents, practicing surgeons and nurses. The dissemination of laparoscopic technological advances, which have resulted in immense quality improvements in surgical patient care, is of paramount interest to me.

I have been an organizer for laparoscopic surgery courses sponsored by the Royal College of Physicians and Surgeons of Canada, CAGS, and the UBC Department of Surgery. In collaboration with Dr. Terry Phang and other members of the UBC Division of General Surgery, I have organized laparoscopic colon surgery courses since 2004. I have provided preceptorships for surgeons attending these courses.

The mentoring of surgical residents is vital to securing a population of skilled, capable Canadian laparoscopic surgeons. I have mentored the following surgeons:

Dr. Adam Meneghetti completed a UBC General Surgical Residency in 2004, and did a laparoscopic fellowship with Dr. L. Way at UCSF. I was instrumental in recruiting him as an academic surgeon in the UBC Division of General Surgery. He is currently the Director of Surgical Education & Technology Development at CESEI.

Dr. Nathan Schneiderei completed a UBC General Surgical Residency in 2005, and did a laparoscopic colorectal fellowship with Dr. Steve Wexner at the Cleveland Clinic. He is currently practicing in Nanaimo, BC.

Dr. Dal Jangra completed a UBC General Surgical Residency in 2005, did a laparoscopic fellowship with Dr. L. Way at UCSF, and is currently practicing in Abbotsford, BC.

Dr. Hamish Hwang and Dr. Kevin Wiseman completed UBC General Surgical Residencies in 2006. They currently practice in Vernon, BC, and performed their first laparoscopic colon resection in August 2006.

Dr. Cathy Hsu completed a UBC General Surgical Residency in 2006. During her R4 Rotation on the VGH General Surgery MIS Service, I advised her to pursue laparoscopic fellowship training. She completed a laparoscopic fellowship at McGill with Dr. Gerry Freed in June 2007.

Dr. Todd Swanson completed UBC General Surgery Training in June 2010 & completed MIS Fellowship training in June 2011 at the University of Toronto.

Dr. Leanne Wood completed UBC General Surgery Residency Training in June 2011 & has applied to do a Trauma & Acute Surgery Fellowship at the University of Calgary.

Dr. Thamer Al-Tayeb completed his UBC Clinical General Surgery MIS Fellowship in June 2009, going on to a MIS Research Fellowship at CESEI until September 2009.

Dr. Carl Daigle completed UBC General Surgery MIS Fellowship Training in June 2010.

Dr. Willem Lombard completed UBC General Surgery MIS Fellowship in June 2011.

Dr. Yen Dang completed the UBC General Surgery MIS Fellowship Program in June 2012.

Dr. Clara Tan-Tam is the current MIS Fellow.

Laparoscopic Surgery

Preceptored Practicing Surgeons, Laparoscopic Training Courses

Provincial Training and Preceptorships, Practicing General Surgeons

Dr. S. Bugis, Dr. R. Calderisi, Dr. R. Dykstra, Dr. C. Samson Preceptorship for laparoscopic cholecystectomy Delta Hospital, Delta, BC, Canada	1991-1992
Dr. D. Cooke Preceptorship for laparoscopic hernia repair Delta Hospital, Delta, BC, Canada	1993
Dr. A. Groves Training for laparoscopic cholecystectomy Delta Hospital, Delta, BC, Canada	1993
Dr. N. Schmidt and Dr. R. Christensen Preceptorship for laparoscopic Nissen fundoplication St. Paul's Hospital, UBC, Vancouver, BC Canada	1993
Dr. Cooke and Dr. J. Pacey Preceptorship for laparoscopic Nissen fundoplication Burnaby General Hospital, Burnaby, BC, Canada	1993
Dr. K. Iversen and Dr. M. Leia-Stephen Preceptorship for laparoscopic Nissen fundoplication Delta Hospital, Delta, BC, Canada Preceptorship for laparoscopic Nissen fundoplication Royal Inland Hospital, Kamloops, BC, Canada	1995
Dr. J. Segal Preceptorship for laparoscopic Nissen fundoplication Delta Hospital, Delta, BC, Canada	1997
Dr. G. MacLachlan Preceptorship for laparoscopic Nissen fundoplication Delta Hospital, Delta, BC, Canada	1997
Dr. G.I. McGregor Preceptorship for laparoscopic colon surgery Delta Hospital, Delta, BC, Canada, and Vancouver General Hospital, Vancouver, BC, Canada	1998-2004
Dr. C. Wiggins Preceptorship for laparoscopic inguinal hernia repair and Nissen fundoplication Delta Hospital, Delta, BC, Canada Preceptorship for laparoscopic inguinal hernia repair and Nissen fundoplication Prince Rupert Hospital, Prince Rupert, BC, Canada	1999
Dr. M. Meloche Preceptorship for laparoscopic splenectomy	

UBC Hospital, Vancouver, BC Canada	2000
Dr. A. Seal Preceptorship for laparoscopic cholecystectomy UBC Hospital, Vancouver, BC Canada	2000
Dr. G. Warnock Preceptorship for laparoscopic colon surgery Vancouver General Hospital, Vancouver, BC, Canada	2004-2005
Dr. S. Chung Preceptorship for laparoscopic hepatic surgery Vancouver General Hospital, Vancouver, BC, Canada	2004-2010
Dr. Y.S. Moon Preceptorship for advanced laparoscopic surgery Vancouver General Hospital and UBC Hospital, Vancouver, BC, Canada	June 2004-February 2005
Dr. J. Okamura Preceptorship for laparoscopic colorectal surgery Vancouver General Hospital, Vancouver, BC, Canada	January 2005
Dr. C. Wiggins, Dr. B. Schopf, Dr. N. Causton Preceptorship for laparoscopic colorectal surgery Chilliwack Hospital, Chilliwack, BC Canada	June 6, 2005
Dr. G. Lewis Preceptorship for laparoscopic colorectal surgery Lions Gate Hospital, North Vancouver, BC, Canada	May 27, 2006
Dr. R. Brown Preceptorship for laparoscopic colorectal surgery Vancouver General Hospital, Vancouver, BC, Canada	June 2006-2008
Dr. R. Simons Preceptorship for laparoscopic colorectal surgery Vancouver General Hospital, Vancouver, BC, Canada	June 2007
Dr. M. Spittel Preceptorship for HAL colectomies, Ridge Meadows Hospital, BC, Canada.	May, 2012

General Surgery Preceptorships for Practicing General Surgeons

Dr. R. Woodhead Preceptorship for stapled anoplasty Delta Hospital, Delta, BC, Canada	2002
Dr. G.I. McGregor, Dr. R. Simons, Dr. M. Meloche Preceptorship for stapled anoplasty	

UBC Hospital, Vancouver, BC, Canada	2004-2005
Dr. G. McIver, Dr. B. Tiege, Dr. J. Marschall Preceptorship for stapled anoplasty Penticton Hospital, Penticton, BC, Canada	January 31, 2005
Dr. W. Evans, Dr. P. Nel, Dr. W. Lombard, Dr. A. Frissell, Dr. J. Dunsfield Preceptorship for stapled anoplasty Mills Memorial Hospital, Terrace, BC, Canada	June 26, 2006

Surgical Clinical Evaluation

Dr. B. Katalinic. Clinical evaluation requested by The College of Physicians & Surgeons of British Columbia, Canada. Conducted at Delta Hospital, Delta, BC, Canada	May 30-July 10, 1996
Dr. W. Yakimets. Clinical evaluation for laparoscopic cholecystectomy requested by Ms J. Miller, LLP on behalf of the Canadian Medical Protective Association.	August 26, 2009

Surgeon Accreditation

Dr. K. Qayumi. Surgical skills evaluation requested by Dr. G. Warnock, Professor & Head, Department of Surgery, University of British Columbia.	July 2007-June 2008
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Surgeon Training

Course Instructor, American College of Surgeons ATLS Course for Doctors, University of Victoria, Victoria, BC, Canada.	November 7-8, 2009
Course Instructor, American College of Surgeons ATLS Course for Doctors, University of British Columbia, Vancouver, BC, Canada.	March 25-26, 2010

International General Surgery Preceptorships, Practicing General Surgeons

Professor P. Fletcher, Dr. C. Royes, Dr. R. DuQuesnay, Dr. M. MacFarlane, Dr. Venegopal Preceptorship for laparoscopic cholecystectomy University Hospital of the West Indies Kingston, Jamaica	February 14-18, 1994
Professor P. Fletcher Preceptorship for laparoscopic cholecystectomy University Hospital of the West Indies, Kingston, Jamaica	May 28-June 5, 1994
Dr. D. Solomon, Dr. S. Keirsingh Preceptorship for inguinal hernioplasty Surgical assists for laparoscopic and open gastrointestinal surgery Cayman Islands Health Authority Hospital, Georgetown, Grand Cayman	October 11-15, 2004

Surgical Resident Training in Gastro-intestinal & Laparoscopic Surgery

University of British Columbia, Vancouver, BC, Canada	July 1996-present
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Collaborated with Dr. A. Nagy and John MacFarlane teaching UBC General Surgery Residents laparoscopic skills at CESEI & the Jack Bell Animal Labs UBC	1999-2004
Arranged UBC General Surgical Resident Membership of the Society of American Gastrointestinal and Endoscopic Surgeons	2003
Instituted UBC Senior General Surgical Resident Tour of the Ethicon Endoscopic Surgical Facility in Cincinnati, Ohio, USA. Sponsored by SAGES, two Senior Residents tour the facility annually for advanced laparoscopic & robotic training.	2003
Arrangements for Senior UBC Surgical Residents to attend the Annual Laparoscopic Ventral Hernia Repair Course at the University of Washington, Seattle. Sponsored by Gore.	2003
CESEI surgical simulation project. Collaborative project, UBC Department of Surgery & Engineering. J. Lim, C. Kinnard, H. Hwang, A. Hodgson, A. Nagy, O.N.M. Panton , K. Qayumi.	2003-2004
Fundamentals of Laparoscopic Surgery Program established for UBC General Surgery Residents at CESEI UBC. Course instructors Dr. O.N.M. Panton , Dr. A. Meneghetti, Dr. A. Nagy, Dr. J. MacFarlane.	December 15, 2005
Laparoscopic Incisional Hernia Repair Hands-on Course for the UBC General Surgical Residents, CESEI UBC. Supervisors: Dr. A. Meneghetti and Dr. O.N.M. Panton .	December 22, 2005
UBC General Surgery Residents Surgical Skills R111-V1. Upper GI procedures & anastomosis. Animal Lab, Jack Bell Research Centre, UBC. A. Meneghetti, G. Warnock, A. Nagy, O. N. M. Panton	October 11, 2007
General Surgery Residents Surgical Skills R111-V1. Hernia, Basic Surgical Techniques for open inguinal hernia & laparoscopic ventral/inguinal hernia repair. CESEI UBC Cadaver Lab. O. N. M. Panton , A. Meneghetti, M. Hameed.	November 29, 2007
Surgical Skills R 111-V1. MIS foregut surgery. Animal Lab, Jack Bell Research Centre, UBC. J. Bond, A. Nagy, D. Jangra, O. N. M. Panton .	January 24, 2008
SAGES Resident Workshop, Basic Laparoscopy & Endoscopy. Lectures, Live Pig Endoscopy & Laparoscopy Labs. CSTAR, London Health Sciences Centre, London, ON, Canada. Dr. C Schlachta, Dr D Birch, Dr Leanne Feldman, Dr. S. Bergman, Dr. S. Jayaraman. Dr. O. N. M. Panton .	May 7-8, 2009
UBC General Surgery Residents Skills R111-V1. Hernia, Basic Surgical Techniques for open inguinal & laparoscopic inguinal hernia repair. Component separation technique. CESEI UBC Cadaver Lab. Dr. A. Meneghetti, Dr. O. N. M. Panton .	November 26, 2009
UBC General Surgery Residents V1 FLS Testing, CESEI UBC. Dr. O.N.M. Panton , Dr. A. Meneghetti.	March 11, 2010
SAGES Resident Workshop, Basic Endoscopy & Laparoscopy. Lecture, Live Pig Endoscopy & Laparoscopy Labs. CSTAR, London, ON. Dr. C. Schlachta. Dr. J. Ellsmere, Dr. S. Bergman, Dr. J. Cosgrove, Dr. O. N. M. Panton .	April 14-15, 2011

The Dr. Nis Schmidt UBC General Surgery Update: HAL Colectomy Cadaver Course. CESEI, UBC, Vancouver, BC, Canada. **Dr. O. N. M. Panton**, Dr. G. Warnock, Dr. A Meneghetti, Dr. Y. Dang.

December 3, 2011

Medical Student & Surgical Resident Teaching

Course Instructor, ACS Advanced Trauma Life Support Course For Doctors. University of Victoria, Victoria, BC, Canada.

November 7-8, 2009

Course Instructor, ACS ATLS for Doctors, University of British Columbia, Vancouver, BC, Canada.

March 25-26, 2010

(b) **Courses Taught at UBC**

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
Video Assisted Oesophageal Surgery 1997		6	40	1			
UBC Lap Colectomy Course October 1-2nd 2004		15	15	1		3	Live Surgery Telecast 7
UBC Lap Colectomy Course June 10-11 th 2005 and September 30 th - October 1st 2005		30	22	2		3	Live Surgery Telecast 14
UBC Lap Colectomy Course October 13-14th 2006		20	20	1		4	Live Surgery Telecast 7
UBC Lap Colectomy Course November 8 th 2007		11	18	1		6	
UBC Advances in Hernia Surgery December 8, 2007		7		1			Program Chair
UBC General Surgery Update December 5-6, 2008		8	50	1			Program Chair
UBC General Surgery Update December 4-5, 2009		11	52	1		3	Program Chair
Dr. N. Schmidt UBC General surgery Update December 3, 2010		6	26	1			Program Chair
Dr. N. Schmidt UBC GS Update December 2, 2011		8	48				Program chair
Dr. N. Schmidt UBC GS Update December 3, 2011. HAL Colectomy Cadaver Course.		5	12	1		1	Program Chair Instructor

Undergraduate Teaching, Faculty of Medicine:

<u>Teaching</u>			
Academic Year 1999/2000	2nd Year Medical Students 3 rd Year Clinical Clerks	Clinical Skills Sessions UBCH Gen Surg Service	6 hours 160 hours
Academic Year 2000/2001	2nd Year Medical Students Phase 4 Medical Students	Clinical Skills Sessions Ambulatory Teaching Small Group Sessions Oral Examinations	6 hours 72 hours 3 hours 2.5 hours
Academic Year 2001/2002	2nd Year Medical Students Phase 4 Medical Students	Clinical Skills Sessions Ambulatory Teaching	2 hours 47 hours
Academic Year 2002/2003	Phase 4 Medical Students	Ambulatory Teaching Oral Exams	64 hours 6 hours
Academic Year 2003/2004	Phase 4 Medical Students Phase 5 Medical Students	Ambulatory Teaching Ambulatory Teaching	15 hours 4 hours
Academic Year 2004/2005	2nd Year Medical Students Phase 4 Medical Students Phase 5 Medical Students	Clinical Skills Sessions Ambulatory Teaching Ambulatory Teaching	2 hours 60.5 hours 4.5 hours
Academic Year 2005/2006	Third Year Teaching	VGH MIS Surgery Service	240 hours
	D.A. Perley-McField, Medical Student, St. Matthews University School of Medicine, Grand Cayman, C.I. Supervisor for elective on the MIS General Surgery Service, VGH, July 1 to August 5, 2005	VGH MIS Surgery Service	125 hours
	D. Minhas, UBC 4 th Year Student. Evaluation of case report	VGH MIS Service	2 hours
	Clinical Teaching	VGH MIS Service	120 hours
	Ambulatory Clinic Teaching	Private Office	60 hours
Academic Year 2006/2007	Clinical Teaching Patient Care	VGH MIS & ACS Services	240 hours
	UBC Surgery Undergraduate Workshop, Victoria, BC Canada		3 hours
	3 rd Year Students Oral Exams		3 hours

Academic Year 2007/2008	Clinical Teaching 3 rd Year Clerks	VGH MIS & ACS Services	240 hours
	Ambulatory Teaching	Private Clinic	45 hours
	UBC GS Undergraduate Education Committee		2 hours
Academic Year 2008/2009	Didactic Teaching		3 hours
	Clinical Teaching 3 rd Year Clerks	VGH MIS & ACS Services	110 hours
	UBC GS Undergraduate Committee		2 hours
Academic Year 2009/2010	Structured Teaching		2.5 hours
	Clinical Teaching 3 rd Year Clerks	VGH MIS & ACS Services	140 hours
	3 rd Year Students Oral Exams		3 hours
	Ambulatory Clinic Teaching	DHCC	60 hours
	Student K. Milne shadowing	Structured Teaching	8 hours
	3 rd Year Clerkship Seminar GI Bleeding		1.5 hours
Academic Year 2010/2011	Clinical Teaching	VGH MIS Service & Acute Care Surgery Service	120 hours
	3 rd Year Clerkship Seminar GI Bleeding	Structured Teaching	1.5 hours
	3 rd Year Surgery Clerkship Oral Exam	Structured Teaching	3 hours
	Michael Yang, 1 st Year Student	Clinical Teaching, Shadowing in OR	9 hours
	3 rd Year Clerkship GI Bleeding	Structured Teaching	1.5 hours

Academic Year 2011/2012	Clinical Teaching	VGH ACS & MIS Service	120 hours
	Ambulatory Clinic Teaching	DHCC	50 hours
	3 rd Year Clerkship Seminar GI Bleeding	Structured Teaching	1.5 hours
	Jamie Elliot, 2 nd Year Student, University of Queensland, Australia	Supervised elective on VGH MIS Service	24 hours
	3 rd Year Clinical Clerkship GI Bleeding	Structured Teaching	1.5 hours
Academic Year 2012/2013	3 rd Year Clinical Clerkship GI Bleeding	Structured Teaching	1.5 hours
	Clinical Teaching	VGH General Surgery Services	60 hours
	Ambulatory Clinic Teaching	DHCC	40 hours

Postgraduate Teaching, Faculty of Medicine

Academic Year 1999/2000	Resident Seminars		3 hours
	Clinical & Ambulatory Teaching UBCH General Surgical Service		260 hours
Academic Year 2000/2001	Mock Orals Exams		4 hours
	Journal Club Clinical & Ambulatory Teaching UBCH General Surgery Service		3 hours 300 hours
Academic Year 2001/2002	Resident Seminars		6 hours
	Laparoscopic Animal Labs		16 hours
	Mock Oral Exams		4 hours
	Journal Club		3 hours
	Clinical & Ambulatory Teaching UBCH General Surgery Service		300 hours
Academic Year 2002/2003	Resident Seminars		6 hours
	Laparoscopic Animal Labs		16 hours
	Mock Oral Exams		4 hours
	Journal Club		3 hours

	Clinical & Ambulatory Teaching VGH/UBCH General Surgical Services	300 hours
Academic Year 2003/2004	Resident Seminars	3 hours
	Journal Club	2 hours
	Clinical Teaching VGH/UBCH General Surgical Services	260 hours
Academic Year 2004/2005	Journal Club	6 hours
	Mock Oral Exams	2 hours
	MIS Skills Lab	5 hours
	Clinical Teaching VGH/UBCH General, MIS & Trauma Services	240 hours
Academic Year 2005/2006	Journal Club	6 hours
	Mock Oral Exams	4 hours
	Resident Seminars	3 hours
	Clinical Teaching VGH/UBCH General, MIS & Trauma Services	240 hours
Academic Year 2006-2007	Journal Club	2 hours
	Mock Oral Exams	2 hours
	Surgical Skills R111-V1 Animal Lab	3.5 hours
	Surgical Skills R111-V1 Hernia Cadaver Lab	3 hours
	Academic Half Day: Intestinal Obstruction	3 hours
	Surgical Skills R111-V1 Animal Lab	3.5 hours
	Clinical Teaching VGH/UBCH General, MIS & Trauma Services	300 hours
Academic Year 2007-2008	Surgical Skills R111-V1 Animal lab MIS foregut surgery	3 hours
	Journal Club	2 hours
	Clinical Teaching MIS, Acute Care Surgery & Trauma Services	300 hours
	Mock Orals	2 hours
	Residency Education Committee	4 hours

Academic Year 2008/2009	Clinical Teaching MIS, ACS & Trauma Services	300 hours
	Structured Mock Orals	2 hours
	SAGES Resident Workshop, Basic Laparoscopy & Endoscopy, CSTAR, London Health Sciences Centre	12 hours
	Mock Orals	4 hours
	Journal Club	2 hours
	Residency Education Committee	4 hours
Academic Year 2009/2010	Clinical Teaching VGH/UBCG General, MIS & Trauma Services	260 hours
	Residency Education Committee	4 hours
	Journal Club	2 hours
	Surgical Skills R 111-V1 Hernia Cadaver Lab	3 hours
	CaRMS Application Reviews	7 hours
	CaRMS Interviews	10 hours
	FLS for Senior Residents	4 hours
	Mock Orals	3 hours
Academic Year 2010/2011	Clinical Teaching VGH/UBCH General, MIS & Trauma Surgical Services	260 hours
	Resident Education Committee	4 hours
	Journal Club	2 hours
	UBC Surgery Residents Crash Course Upper/Lower GI Endoscopy	2 hours
	SAGES Endoscopy & Laparoscopy Resident Workshop, CSTAR, London. ON	12 hours
	Judge, 34 th Annual UBC Surgical Residents' Research Day	8 hours
Academic Year 2011/2012	Clinical Teaching VGH/UBCH General, MIS & Trauma Surgical Services	220 hours
	PGY 1 oral exam OSCE	3 hours
	Residency Education Committee	4 hours

	Academic Half Day: Documentation	2 hours
	HAL Colectomy Cadaver Course	3 hours
	Judge, Chung UBC Department of Surgery Research Day	8 hours
	Mock Oral Exams	2 hours
	Academic Half Day: Documentation	2 hours
Academic Year 2012-2013	General Surgery Resident Academic Half-day: Seminar on Medical Documentation	2 hours
	Surgical Foundations Seminar: Catastrophic Surgical Emergencies	1 hour
	Clinical Teaching VGH/UBCH General Surgery Services	100 hours
	Judge, UBC Surgical Resident's Research Day	8 hours
	Resident Education Committee	2 hours

(c) **Graduate Students Supervised**

The tables below summarize Graduate Student teaching. These students were taken from the methodological aspects through presentation of their findings at scientific meetings and major publications – the presentations and publications are listed under the appropriate categories.

Student Name	Program Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		
Adam Meneghetti	MHSc, Administration, UBC	2000	2002	ONM Panton Supervisor Major paper 2002 Research, 2000-2002	M Meloche
C. Kinnard	PhD Mechanical Engineering	2003	2004	AJ Hodgson Research, 2003-2004 Major paper 2005	ONM Panton
J. Lim	PhD Mechanical Engineering	2003	2004	AJ Hodgson Research, 2003-2004 Major paper 2005	ONM Panton
S. Cristancho	PhD Mechanical Engineering	2005	2006	AJ Hodgson Research, 2005-2006 Major paper 2005	ONM Panton

<u>S. Cristancho</u>	PhD Mechanical Engineering	2006	2007	AJ Hodgson Research, 2006- 2007 Major paper 2007 SAGES awarded a grant to support study BC Surgical Resident Research Prize May 2007	ONM Panton
<u>Dr. B. Zheng</u>	Research Associate, UBC Division of General Surgery/CESEI	Sept 2008		K. Qayumi Poster presentation SAGES/ASGE 2009 Poster presentation UBC Chung Day 2009 Poster presentations x 2 SAGES/CAGS 2010 Poster presentation CAGS 2010	ONM Panton A Meneghetti
<u>Dr. T. Al-Tayeb</u>	MIS Fellow	Oct 2008-	Sept 2009	ONM Panton Poster presentation UBC Chung Day 2009 Poster presentation SAGES/CAGS 2010 Major Paper drafted 2009	A Meneghetti
<u>Dr. C. Daigle</u>	MIS Fellow	July 2009	June 2010	ONM Panton Poster presentation CAGS 2010. Major Paper drafted.	A Meneghetti
<u>Dr. W. Lombard</u>	MIS Fellow	July 2010	June 2011	ONM Panton	A. Meneghetti
<u>Dr. Y. Dang</u>	MIS Fellow	July 2011	June 2012	ONM Panton	A.Meneghetti
<u>Dr. C. Tan-Tam</u>	MIS Fellow	Sept 2012		ONM Panton	ONM Panton

Research Supervision

<u>Dr. S. Karim</u>	July 1995-June 1996	Laparoscopic anti-reflux surgery Major paper 1997
<u>Dr. S. Butterworth</u>	November 2000-June 2001	Pseudomyxoma peritonei: treatment associated with morbidity Major paper 2002

<u>Dr. A. Meneghetti</u>	July 2000-November 2003	Laparoscopic adrenalectomy Paper presented at the 25 th Annual Residents' Research Day, Department of Surgery, UBC 2002 Paper presented at the BC Surgical Society Meeting, 2002 Poster presentation at SAGES, 2003 Abstract publication, 2003
<u>Dr. D. Jangra</u>	July 2000-June 2003	Laparoscopic splenectomy Paper presented at the 25 th Annual Residents Research Day, Department of Surgery, UBC 2002 Paper presents at the BC Surgical Society Meeting, May 2003
<u>Dr. H. Piper</u>	January 2004-April 2004	The effect of structured training outside the operating room on laparoscopic knowledge and skill acquisition Paper presented at the 27 th Annual Residents Research Day, Department of Surgery, UBC 2004 Paper presented at the BC Surgical Society Meeting, May 2004
<u>Dr. J. Smith</u>	January 2005-April 2005	MIS skills teaching/evaluation for UBC General Surgery residents at CESEI
<u>Dr. J. Chan</u>	May 2005-November 2005	Update UBC laparoscopic adrenalectomy prospective case series for poster presentation at Chung Research Day and North Pacific Surgical Association Meeting 2005 Major paper 2006
<u>Dr. S. Sampath</u>	January 2006-November 2006	Update UBC laparoscopic splenectomy experience for presentation at North Pacific Surgical Association Meeting Major paper 2007
<u>Dr. T. Swanson</u>	2007-2010	Laparoscopic experience with massive splenomegaly. Prospective analysis beginning in 2000. Podium presentation at SAGES 2009. Major paper 2010.
<u>Dr. L. Wood</u>	2007-2009	Effects of implementing an Acute Care Surgery Service on Surgery Resident Education. Major paper 2010.
<u>Dr. M. Segedi</u>	2007-2010	Impact on Implementing Urgent Care Service on Patient Care. Poster presentation. Major Paper drafted.
<u>Dr. J. Lam</u>	2008	Review of outcomes with MIS Partial Gastrectomy for gastric GIST.
<u>Dr. J. Faulds</u>	2010	Review of MIS Subtotal Cholecystectomy Series.
<u>Dr. R. Khan</u>	2010	Surgeons Eye-tracking in OR Study.
<u>Dr. C. Tan-Tam</u>	2013	20 Year Review of MIS Colorectal Surgery
<u>Dr. B. Mador</u>	2013	Timing of cholecystectomy after endoscopic sphincterotomy for mild biliary pancreatitis

(d) **Continuing Education Activities**

Teaching & Training Laparoscopic Programs for Practicing Surgeons

September 1994	The Royal College of Physicians & Surgeons of Canada Annual Meeting. Laparoscopic and Endoscopic Surgery Postgraduate Course. Presentation: An argument for routine laparoscopic cholangiography. Toronto, ON, Canada.
September 27, 1997	UBC Department of Surgery & The Royal College of Physicians & Surgeons of Canada. Video Assisted Oesophageal Surgery. Instructor for skill development in Video Assisted Oesophageal Surgery. Vancouver, BC, Canada.
September 23, 2000	The Royal College of Physicians & Surgeons of Canada Meeting. Canadian Association of General Surgeons Laparoscopic Video Symposium. Video presentation: Laparoscopic Inguinal Hernia Repair. Edmonton, AB, Canada.
October 1-2, 2004	UBC Laparoscopic Colectomy Course for practicing surgeons. Two MIS colorectal surgery procedures telecast live from VGH JP operating rooms to St. Paul's Hospital. Presentation: Laparoscopic Techniques. Jack Bell animal lab instructor. Vancouver, BC, Canada.
June 10, 2005	UBC Laparoscopic Colectomy Course for practicing surgeons. Two MIS colectomy procedures telecast live from VGH JP operating rooms to St. Paul's Hospital. Presentation: Training for MIS Colectomy. Jack Bell animal lab instructor. Vancouver, BC, Canada.
September 11, 2005	Canadian Association of General Surgeons / World Congress of Gastroenterology Postgraduate Course: Frontiers in Minimally Invasive Therapies for Digestive Diseases. Presentation at the Lower GI Surgery Session. Techniques: Vessels First or Hand-Assist? Canadian Surgical Forum, Montreal, QC, Canada.
September 30-October 1, 2005	UBC Laparoscopic Colectomy Course for practising surgeons. Two MIS colectomy procedures telecast live from VGH JP operating rooms to St. Paul's Hospital. Presentation: Training for MIS Colectomy. Jack Bell animal lab instructor. Vancouver, BC, Canada.
September 7, 2006	Canadian Association of General Surgeons Postgraduate Course: Advances in MIS for Gastrointestinal Disease. Live surgery telecast from VGH JP operating room to Calgary Telus Convention Center. MIS right hemicolectomy demonstrsting the medial to lateral mesenteric dissection technique. Canadian Surgical Forum, Calgary AB, Canada.
September 9, 2006	CAGS Symposium: CAGS Instructional Video Session. Video presentation: Laparoscopic Ileo-caecal resection. Canadian Surgical Forum, Calgary, AB, Canada.
October 13-14, 2006	UBC Laparoscopic Colectomy Course for practicing surgeons. MIS right hemicolectomy for carcinoma & rectosigmoid resection for procidentia telecast live from VGH JP operating rooms to St. Paul's Hospital. Presentation: Post-colectomy care pathways. CESEI cadaver lab instructor. Vancouver, BC, Canada.

- June 1, 2007 Canadian Consensus Conference on the National Implementation of Advanced Minimally Invasive Surgery. Panel member. Sponsored by The Centre for the Advancement of Minimally Invasive Surgery (CAMIS) & The University of Alberta. Sanctioned by The Canadian Association of General Surgeons. Edmonton, AB, Canada.
- September 6, 2007 Canadian Association of General Surgeons Postgraduate Course: Advances in MIS Gastrointestinal Surgery. Presentation: Laparoscopy in Pregnancy. Canadian Surgical Forum, Toronto, ON, Canada.
- November 8, 2007 UBC Laparoscopic Colectomy Course for practicing surgeons. Presentation: MIS right & transverse colectomy. CESEI cadaver lab instructor. Vancouver, BC, Canada.
- December 8, 2007 UBC Division of Surgery Advances in Hernia Surgery for practicing surgeons and surgical residents. Course organizer, program co-chair. Presentation: MIS hernia repair, TAPP procedure. Vancouver, BC, Canada.
- April 9, 2008 SAGES 2008 PG Course: Challenging Hernias. TAPP-Complicated Cases: Managing & Preventing Complications & Recurrences. Philadelphia, PA, USA.
- September 11, 2008 Canadian Association of General Surgeons Postgraduate Course: Tips, Tricks & Complications in Minimally Invasive Surgery. Presentation: Localization of Colonic Lesions for Laparoscopic Surgery. Canadian Surgical Forum, Halifax, NS, Canada.
- September 13, 2008 CAGS Instructional Video Session: MIS Colorectal Surgery. Presentation: Hand-assisted Laparoscopic Colorectal Surgery. Canadian Surgical Forum, Halifax, NS, Canada.
- September 13, 2008 CAGS Breakfast with the Professor. Presentation: Advanced Laparoscopic Surgery. Canadian Surgical Forum, Halifax, NS, Canada.
- September 10, 2009 CSCRS/CAGS Postgraduate Course: Laparoscopic Colorectal Surgery: Tips Tricks & More. Canadian Surgical Forum, Victoria, BC, Canada.
- December 5, 2009 Hand Assisted Laparoscopic Colectomy & Splenectomy. UBC General Surgery Update, CESEI UBC, Vancouver, BC, Canada.
- December 3, 2011 HAL Colectomy Cadaver Course, CESEI UBC. Dr. N. Schmidt UBC GS Update, Vancouver, BC, Canada.
- September 13, 2013 Managing Chronic Pain following Hernia Repair. CAGS MIS PG Course: Hernias & abdominal wall Reconstruction-What's New in 2012. CSF 2012, Calgary, AB, Canada.

Continuing Education Rounds

- June 1997 **Panton, ONM.** Laparoscopic Bowel Surgery. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- June 10, 1998 **Panton, ONM.** The Miniaturization of Laparoscopic Surgery. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.

- June 1999 **Panton, ONM.** Biliary Stone Disease. City Wide Rounds, Division of General Surgery, CESEI, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- February 21, 2001 **Panton, ONM.** MIS Splenectomy and Adrenalectomy. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- February 27, 2002 **Panton, ONM.** Laparoscopic Splenectomy, Haemato-Pathology Rounds, Vancouver Hospital and Health Sciences Centre, Vancouver, BC, Canada.
- October 2, 2002 **Panton, ONM.** Anti-Reflux Surgery. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- January 21, 2004 **Panton, ONM.** Laparoscopic Colorectal Surgery. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- April 20, 2004 **Panton, ONM.** Advances in Laparoscopy. Family Practice Rounds, Department of Family Practice, Vancouver General Hospital, Vancouver, BC, Canada.
- December 8, 2004 **Panton, ONM.** Hurricane Ivan: Storm of the Century. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- January 12, 2005 **Panton, ONM.** Laparoscopic Hernia Repair. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- May 25, 2005 **Panton, ONM.** Advanced Laparoscopic Surgery. In service for the general surgical ward nurses. Vancouver General Hospital, Vancouver, BC, Canada.
- October 12, 2005 **Panton, ONM.** Laparoscopic Colorectal Surgery Techniques: Vessels First or Hand-assist? City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- November 16, 2005 **Panton, ONM.** Advanced Laparoscopic Surgery. In service for the general surgical JPOR nurses. Vancouver General Hospital, Vancouver, BC, Canada.
- April 18, 2006 **Panton, ONM.** Update of the UBC laparoscopic splenectomy experience, Haemato-Pathology Rounds. Vancouver Hospital and Health Sciences Centre, Vancouver, BC, Canada.
- May 17, 2006 **Panton, ONM.** Biosutures to replace discontinued gut sutures. City Wide Rounds, Division of General Surgery, CESEI, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- January 16, 2008 **Panton ONM.** Laparoscopic Cholecystectomy: Management of conversions. Inservice for the UBC Hospital Operating Room Nurses, Vancouver, BC Canada.

April 16, 2008	Panton ONM. Laparoscopic Right & Transverse Colectomy: Techniques. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, Faculty of Medicine, UBC, Vancouver, BC, Canada.
January 20, 2010	Panton ONM. Team Composition: Affects on Surgical Performance in the OR. City Wide Riunds, CESEI, Division of General Surgery, University of British Columbia, Vancouver, BC, Canada.
March 31, 2010	Panton ONM. Laparoscopic Hernia Repair: Complicated TAPP Procedures. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, University of British Columbia, Vancouver, BC, Canada.
May 5, 2010	Panton ONM. Biliary Stone Disease. City Wide Rounds, CESEI, Division of General Surgery, Department of Surgery, University of British Columbia, Vancouver, BC, Canada.
September 21, 2011	Panton ONM. Laparoscopic Solid Organ Surgery. CESEI, City Wide Rounds, Division of General Surgery, Department of Surgery, University of British Columbia, Vancouver, BC, Canada.
November 7, 2012	Panton ONM. Management of Chronic Groin Pain after Hernia Repair. CW Rounds, CESEI, Division of General Surgery, Division of General Surgery, Department of Surgery, UBC, Vancouver, BC, Canada.

(e) **Visiting Lecturer**

Current Status of Laparoscopic Surgery Lecture. Visiting Professor, Department of Surgery, Mona Campus, University of the West Indies, Kingston, Jamaica.	May 28 – June 5, 1994
Minimally Invasive Colectomy. Visiting Professor, UWI & the Trinidad Association of General Surgeons, Port-of-Spain, Trinidad.	June 1, 2010
Surgeons' Vigilance in the Operating Room. Visiting Professor, UWI & the Trinidad Association of General Surgeons, Port-of-Spain	December 8, 2010
Visiting Professor's Rounds, University of the West Indies, Queen Elizabeth Hospital, Bridgetown, Barbados.	June 4, 2010
Visiting Professor's Rounds, University of the West Indies, Queen Elizabeth Hospital, Bridgetown, Barbados.	December 11, 2010
Pioneering Laparoscopic Surgery. Visiting Professor, Bronx Lebanon Medical Centre, New York, NY, USA.	February 22, 2012
Laparoscopic Solid Organ Surgery. Visiting Professor, Oregon Health & Science University, Portland, OR, USA.	May 7, 2012
Pioneering Laparoscopic Surgery. Visiting Professor, University of Massachusetts Memorial Medical Centre, Worcester, MA, USA.	June 6, 2012

9. **SCHOLARLY AND PROFESSIONAL ACTIVITIES**

(a) **Areas of special interest and accomplishments**

I am fortunate to have been trained to perform diagnostic laparoscopy during my General Surgery Residency at UBC. During the early years of my surgical practice between 1984 and 1990, I performed over 300 diagnostic laparoscopic procedures. In September 1990, I went to Nashville, Tennessee, and worked with Dr. Eddie Joe Reddick, learning the techniques of laparoscopic cholecystectomy with intra-operative cholangiography, endoscopic bile duct exploration, laparoscopic appendectomy, and laparoscopic small bowel resection. I introduced laparoscopic cholecystectomy and appendectomy in my practice in 1991.

In November 1991, I went to Baltimore, Maryland, USA to work with Dr. Karl Zucker, Dr. John Corbitt Jr., Dr. Mark Talamini, Dr. Robert Bailey, and Dr. James Dorsey, learning the techniques for laparoscopic inguinal hernia repair, Nissen Fundoplication, colon resection, bile duct exploration and suturing. I introduced all of these procedures in my practice in 1992.

In August of 1992 I attended the First International Symposium on Minimally Invasive Surgery in Saskatoon, SK, Canada and did a hands-on course for ERCP.

I collaborated with Dr. John MacFarlane at St. Paul's Hospital, Vancouver, developing laparoscopic splenectomy, beginning in 1993 with subsequent introduction in my practice.

I attended a laparoscopic adrenalectomy hands-on course in August 1997 at the University of Washington in Seattle, USA. Dr. Mika Sinnanan was my instructor. I introduced laparoscopic adrenalectomy in my practice in 2000 collaborating with Dr. Mark Meloche to develop this procedure at UBC.

I attended a laparoscopic ventral hernia repair workshop in October 2003 at CESEI, VGH, Vancouver BC, Canada sponsored by Bard Canada. I introduced this procedure into my practice in 2003.

Since 1991 I have been an international preceptor for laparoscopic surgery, enabling many of my surgical colleagues to embrace advanced laparoscopic procedures including hernia repair, anti-reflux surgery and colon surgery with successful introduction into their practices. Through collaboration with the Royal College of Physicians and Surgeons of Canada, The Canadian Association of General Surgeons, The UBC Department of Surgery, The University of the West Indies Department of Surgery, and The Cayman Islands Health Authority, I have mentored and preceptored numerous surgeons.

Performed the first laparoscopic cholecystectomy and intra-operative cholangiogram in a community hospital in BC	1991
Developed laparoscopic inguinal hernia tension-free hernioplasty in BC	1992
Developed laparoscopic anti-reflux surgical procedures in BC	1992
Developed laparoscopic colorectal surgical resections in BC	1992
Developed laparoscopic bile duct explorations in BC	1992
Developed laparoscopic splenectomy at UBCH	2000
Developed endoscopic tattooing for colonic tumours at UBCH	2000
Developed laparoscopic adrenalectomy at UBCH	2000
Developed laparoscopic colon surgery at UBCH	2000

Introduced day care laparoscopic cholecystectomy at UBCH	2000
Assisted Urology colleagues with development of laparoscopic nephrectomy at UBCH	2002
Developed laparoscopic proctectomy/TME at VGH	2003
Assisted Hepatobiliary surgical colleagues with development of laparoscopic liver and pancreatic resections at VGH	2004 -2010
Technology acquisition for laparoscopic surgery at UBCH, VGH and CESEI:	2000-present
MIS Committee VGH/UBCH equipment upgrade. UBCH General Surgery Representative.	2000
Acquisition of ultrasonic energy source and advanced laparoscopic instruments for UBCH General Surgery.	2000
MIS Committee VGH and VCA. UBCH OR renovation expanding from 5 to 8 operating rooms. Five endoscopic surgery suites constructed.	2003-2005
Acquisition of advanced laparoscopic instruments, endoscopic stapling devices/trocars, hand-ports, endo-pouches, ultrasonic/bipolar energy sources, smoke evacuators, mechanical staplers for abdominal procedures, Proceed mesh, Surgisis Bioprosthesis, Seprafilm for General Surgical patients undergoing surgery at VGH JP Operating Rooms & UBC Hospital Operating Rooms.	2003-present
Principle negotiator, UBC Division of Surgery, VGH/UBCH, for the VCH current suture/staple contract. VCH presentation at the Ethicon Endosurgical Research and Development Facility, Cincinnati, OH, USA.	2003
Director, JP operating rooms, VGH. Principle negotiator, the UBC Division of General Surgery for the JPOR Redevelopment Project. Participated in the Vancouver Acute Care Management Improvement Initiative establishing protocols for patient care pathways, OR team performance, & creating the position for an OR Expeditor.	2007
Collaborated with Dr. A. Meneghetti and Dr. K. Qayumi to develop Natural Orifice Surgery at VGH.	2008
Upgraded two laparoscopic instrument towers at JPOR with digital recording technology, VGH. Funding provided by the UBC/VGH Hospital Foundation.	2008
Established the UBC General Surgery MIS Fellowship Program. Funding obtained from Stryker Canada & Ethicon Endosurgical Inc., J & J, Canada. Appointed Dr. A. Meneghetti Director of the MIS Program.	2008
Member of the Ethicon EndoSurgery Canadian MIS Advisory Board. This group focuses on surgical & technological innovation implementation in Canadian Surgical Practice, & CME for Surgical Trainees & Practicing Surgeons.	2008
Member of the Vancouver Acute & UBC Hospitals Endoscopy Executive Committee.	2012
Developed Trans-anal Endoscopic Operations for Rectal Tumours at VGH.	2012

Clinical Research

Adenocarcinoma of the Vermiform Appendix	1982-1983
Hartmann resection for sigmoid diverticulitis	1983-1984
GI tuberculosis	1984
Ectopic splenic pregnancy	1988
Mechanical preparation of the large bowel for elective surgery	1983-1984
Laparoscopic inguinal hernia repair	July 1992-June 1993
Laparoscopic cholecystectomy	March 1991-June 1993
Laparoscopy in the management of appendicitis	April 1991-April1995
Routine cholangiography during laparoscopic cholecystectomy	1991-1996
Laparoscopic anti-reflux surgery	1992-1996
Laparoscopic splenectomy for ITP	1993-November 2006
North American study, laparoscopic splenectomy protocol, MIS study group	February 1998-February 1999
Laparoscopic adrenalectomy	2000-November 2005
Pseudomyxoma Peritonei: treatment associated morbidity	2000-2001
Correlating motor performance with surgical error in laparoscopic cholecystectomy	2004
Assessing cognitive & motor performance in MIS Surgery	2005
Feasibility of using intraoperatively-acquired quantitative kinematic measures to monitor development of laparoscopic skills	2006
Laparoscopic splenectomy for massive splenomegaly	2007-2009
Intraoperative monitoring of laparoscopic skill development based on quantitative measures	2007-2008
Team composition in General Surgical Procedures.	2007-2008
Review of experience with MIS partial gastrectomy for GIST tumours	2009
Eye gaze pattern during surgery	2009-2011
Review case series for MIS sub-total cholecystectomy	2009
Workload assessment of surgeons	2009-2011
Single port access surgery	2009
OR efficiency project: the effects of team size	2009-2010
Analysis of eye gaze during MIS surgery	2011-2012
20 year review of MIS colorectal surgery	2013
Timing of cholecystectomy after endoscopic sphincterotomy	2013

for mild biliary pancreatitis

(b) *Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

Granting Agency	Subject	COMP	\$ per year	Year	Principle Investigator	Co-investigator(s)
Autosuture Canada and Rhone-Poulenc	The incidence of wound infection after stapled or sutured bowel anastomosis and stapled or sutured skin closure in humans and guinea pigs	NC	2,000	1983	Dr. ONM Panton	Dr. AD Forward Dr. JA Smith Dr. GE Bell

(c) *Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

Granting Agency	Subject	COMP	\$ per year	Year	Principle Investigator	Co-investigator(s)
BC Health Care Research Foundation	Mechanical preparation of the large bowel for elective surgery	C	10,000	1983	Dr. ONM Panton	Dr. KG Atkinson
SAGES	Intraoperatively acquired measures to monitor MIS skills	C	20,000	2006	S. Cristancho	Dr. ONM Panton Dr. A. Meneghetti
SAGES	Single Port Access Surgery Study	C	26,516	2009	Dr. B. Zheng	Dr. ONM Panton Dr. A. Meneghetti
Royal College of Physicians & Surgeons of Canada	Eye tracking is an educational tool for improving laparoscopic performance for surgical residents	C	17,190 24,420 6,230	2010 2011 2012	Dr. B. Zheng	Dr. A. Memeghetti Dr. ONM Panton

Non-Competitive Funds Raised

Delta Hospital Foundation Fund raising for acquisition of endoscopic and laparoscopic equipment \$200,000.00	1985-1996
Vancouver Acute and UBC Hospital Foundation Fundraising for the UBC General Surgery, Minimally Invasive Surgery Service \$365,000.00.	2000- Present
Centre of Excellence for Surgical Education and Innovation, VGH, University of British Columbia. Donation from Karl Storz Endoscopy, Canada. \$100, 000.00	November 27, 2006
UBC General Surgery, Laparoscopic Fellowship. Funds donated by Ethicon Endosurgical Inc, Johnson & Johnson, Canada & Stryker	July 2007- 2012

Endoscopy, Canada
\$70,000.00 annually

Centre of Excellence for Surgical Education and Innovation, VGH,
University of British Columbia. Natural Office Surgery Equipment Donation from
Olympus, Canada. January
\$100,000.00 2008

Lower Mainland Innovation & Integration Fund. Sponsored by the Vancouver Coastal
Health & Fraser Health Authorities. Business case submitted for management of patients
with biliary stone disease. Funding approved for 1.5 years. November
\$485,370.00 2008-
March 2010

(d) **Invited Presentations**

- April 1987 **Panton ONM.** Surgical management of complicated diverticulitis. Paper presented at the Surrey Medical Society Meeting, Whistler, BC, Canada.
- May 1991 **Discussant.** Nagy AG, Forward AD, et al. Laparoscopic cholecystectomy – initial Vancouver General Hospital experience. British Columbia Surgical Society Meeting, Penticton, BC, Canada.
- May 1992 Nagy AG, Faulkner B, **Panton ONM**, Swanstrom L, Sandy T. Laparoscopic Surgery panel discussion. British Columbia Surgical Society, Victoria, BC, Canada.
- October 1992 **Panton ONM.** Endoscopic surgery in the South Fraser. South Fraser Hospitals First Annual Clinical Meeting, Surrey, BC, Canada.
- November 1992 **Panton ONM.** Case Presentation. 8th Annual Surgical Update Colorectal Surgery. Sponsored by the Division of General Surgery and the Section of Colon and Rectal Surgery, UBC, and the Canadian Society of Colon and Rectal Surgeons, Vancouver, BC, Canada.
- November 1992 **Panton ONM.** Benign anorectal disease. Panel member. 8th Annual Surgical Update Colorectal Surgery. Sponsored by the Division of General Surgery and the Section of Colon and Rectal Surgery, UBC, and the Canadian Society of Colon and Rectal Surgeons, Vancouver, BC, Canada.
- September 1993 **Panton ONM, Panton RJ.** Laparoscopic hernia repair. Paper presented at the Canadian Society of Laparoscopic and Endoscopic Surgery Meeting, Vancouver, BC, Canada.
- November 1993 **Discussant.** Aye R, Hill L, Kraemer S, Snopkowski P. Laparoscopic Hill repair: the first 40 cases. North Pacific Surgical Association Meeting, Vancouver, BC, Canada.
- February 16, 1994 **Panton ONM.** Current Laparoscopic Techniques. Department of Surgery Meeting, University of the West Indies, Kingston, Jamaica.
- May 1994 Nagy AG, Simpson W, **Panton ONM**, Dubois B, Anderson D. Panel discussion of laparoscopic procedures, British Columbia Surgical Society, Prince George, BC, Canada.

- September 1994 **Panton ONM.** Laparoscopic cholecystectomy: an argument for routine cholangiography. Paper presentation and Panel member, Laparoscopic and Endoscopic Surgery Postgraduate Course, Royal College of Physicians and Surgeons of Canada Meeting, Toronto, ON, Canada. May 1993.
- September 1994 Rusnak C, Smith L, **Panton ONM**, O'Regan P, Nagy AG. Laparoscopic Hernia Repair and Nissen Fundoplication. Panel presentation. University of British Columbia Division of General Surgery, Vancouver, BC, Canada.
- November 1994 **Discussant** . Zelco J, Pennings J, Swanstrom L. The role of laparoscopy in anterior spinal surgery. North Pacific Surgical Association Meeting, Coeur D'Alene, ID, USA.
- September 1995 **Panton ONM.** Laparoscopic bowel surgery. Presentation at the Canadian Society of Gastroenterology Nurses and Associates: GI '95 The Inside Tract, Vancouver, BC, Canada.
- May 1996 **Panton ONM.** Routine Cholangiography During Laparoscopic Cholecystectomy. BC Surgical Society Meeting, Harrison, BC, Canada.
- September 1997 **Panton ONM.** Panel Member, Canadian Association of General Surgeons Poster Session, Vancouver, BC, Canada.
- March 12, 1999 **Panton ONM.** Laparoscopic surgery – Boldly going where no-one has gone before. Presentation & manuscript. The 34th Annual Postgraduate Review in Family Medicine, UBC, Vancouver, BC, Canada.
- November 12, 1999 **Discussant.** Lauter D, Froines E. Laparoscopic common duct exploration in the management of choledocholithiasis. North Pacific Surgical Association Meeting, Vancouver, BC, Canada.
- September 23, 2000 **Panton ONM.** Laparoscopic inguinal hernia repair. Video Symposium. Royal College of Physicians and Surgeons of Canada Meeting, Edmonton, AB, Canada.
- November 4, 2000 **Panton ONM.** Laparoscopic splenectomy. Minimal Access Surgery Symposium, UBC Faculty of Medicine Golden Jubilee 2000, Vancouver, BC, Canada.
- February 2002 **Panton ONM.** Laparoscopic anti-reflux surgery, Barrett's Oesophagus, laparoscopic bowel surgery. British Columbia GI Nurses Association Meeting, Richmond, BC, Canada.
- June 11, 2002 Meneghetti A, **Panton ONM.** Laparoscopic adrenalectomy initial experience. UBC Endocrine Meeting, Vancouver, BC, Canada.
- July 28, 2002 **Panton ONM.** Surgical management of GERD. Panel member, Okanagan Summer in the Valley Educational Event, Kelowna, BC, Canada.
- January 16, 2004 **Panton ONM.** Laparoscopic colon resection. Endoscopic Surgery Conference, Cayman Islands Health Services Authority, Grand Cayman.
- January 17, 2004 **Panton ONM.** Laparoscopic adrenalectomy. Endoscopic Surgery Conference, Cayman Islands Health Services Authority, Grand Cayman.
- May 15, 2004 **Panton ONM.** Laparoscopic inguinal hernia repair: outcomes and indications. Hernia Symposium. Session Chairman. Paper presented at the British Columbia Surgical Society Meeting, Kelowna, BC, Canada.

- October 1, 2004 **Panton ONM.** Manuscript & presentation : Laparoscopic Techniques in Colorectal Surgery. University of British Columbia Laparoscopic Colectomy Course, St. Paul's Hospital Conference Centre, Vancouver, BC, Canada.
- April 30, 2005 **Panton ONM.** Training Techniques for Acquisition of Minimal Access Surgical Skills. Paper presented at the Surgeon's Travel Club, Vancouver, BC, Canada.
- June 10, 2005 **Panton ONM.** Manuscript & presentation: Laparoscopic Training. University of British Columbia Laparoscopic Colectomy Course, St. Paul's Hospital Conference Centre, Vancouver, BC, Canada.
- September 11, 2005 **Panton ONM.** Manuscript, presentation & panel member: Frontiers in minimally invasive therapies for digestive diseases: evidence and techniques. Techniques: Vessels first or hand-assist? CAGS MIS Postgraduate Course, Canadian Surgical Forum / World Congress of Gastroenterology, Montreal, QC, Canada.
- September 30, 2005 **Panton ONM.** Manuscript & presentation: Laparoscopic Training. University of British Columbia Laparoscopic Colectomy Course, St. Paul's Hospital Conference Centre, Vancouver, BC, Canada.
- September 9, 2006 **Panton ONM.** Meneghetti AT, Warnock G. Laparoscopic Ileo-caecal Resection. CAGS Symposium: Instructional Video Session. Canadian Surgical Forum, Calgary, AB, Canada.
- September 9, 2006 **Discussant.** Feldman L. Laparoscopic Adrenalectomy. CAGS Symposium: Instructional Video Session. Canadian Surgical Forum, Calgary, AB, Canada.
- October 14, 2006 **Panton ONM.** Manuscript & presentation: Post-colectomy care pathways. University of British Columbia Laparoscopic Colectomy Course, Centre of Excellence for Surgical Education and Innovation, Vancouver, BC, Canada.
- September 6, 2007 **Panton ONM.** Manuscript & presentation: Laparoscopic Surgery During Pregnancy. CAGS Postgraduate Course : Minimally Invasive Surgical Management for Gastrointestinal Disease. Canadian Surgical Forum, Toronto, ON, Canada.
- September 8, 2007 Chung SW, **Panton ONM**, Meneghetti A. Laparoscopic Liver Resection. Video presented at the CAGS Instructional Video Session, Canadian Surgical Forum, Toronto, ON, Canada.
- September 21, 2007 **Panton ONM.** Laparoscopic Colon Surgery. Paper presented at the 30th Reunion of the 1977 Graduating Class of the University of the West Indies. Kingston, Jamaica.
- November 8, 2007 **Panton ONM.** Manuscript & presentation: Techniques for Laparoscopic Right and Transverse Colectomy. University of British Columbia Laparoscopic Colectomy Course, Centre of Excellence for Surgical Education and Innovation, Vancouver, BC Canada.
- December 8, 2007 **Panton ONM.** Laparoscopic Hernia Repair: TAPP. Paper presented at the UBC Advances in Hernia Repair Symposium. Vancouver, BC, Canada.
- April 9, 2008 **Panton ONM.** SAGES 2008 PG Course: Manuscript & presentation: Challenging Hernias: Managing & Preventing Complications & Recurrences. Society of American Gastrointestinal & Endoscopic Surgeons meeting, Philadelphia, PA, USA.

- September 11, 2008 **Panton ONM.** CAGS PG Course: Tips, Tricks & Complications in MIS Surgery. Manuscript & presentation: Localization of Colonic Lesions for Laparoscopic Resection. CSF, Halifax, NS, Canada.
- September 13, 2008 **Panton ONM.** Canadian Surgical Forum Meet the Professor. Advanced Laparoscopic Surgery. CSF, Halifax, NS, Canada.
- September 13, 2008 **Panton ONM.** CAGS Instructional Video Session. Hand Assisted Laparoscopic Colorectal Surgery. CSF, Halifax, NS, Canada.
- December 6, 2008 **Panton ONM.** Localization of colonic lesions for laparoscopic resection. UBC General Surgery Update, Vancouver, BC, Canada.
- February 17, 2009 Advances in MIS Surgery. UBC Department of Family Practice Rounds, DHCC, Vancouver, BC, Canada.
- May 7-8, 2009 **Panton ONM.** Why Surgeons Should do Flexible Endoscopy.
Laparoscopic Cholecystectomy.
Laparoscopic Inguinal Hernia Repair. SAGES Resident Workshop, Basic Laparoscopy & Endoscopy. CSTAR, London Health Sciences Centre, London, ON, Canada.
- September 10, 2009 **Panton ONM.** Room Organization, Instrumentation & Port Placement. Manuscript & Podium Presentation, CSCRS/CAGS MIS PG Course: Laparoscopic Colorectal Surgery-Tips, Tricks & More. CSF, Victoria, BC, Canada.
- September 11, 2009 **Panton ONM.** Hand-assisted Laparoscopic Surgery for the Giant Spleen. Podium Presentation, CAGS/ BC Surgical Society Symposium: Western Frontiers in Laparoscopic Surgery. Victoria, BC, Canada.
- September 12, 2009 **Panton ONM.** MIS Colectomy: Room Organization, Instrumentation & Port Placement. Podium Presentation, CAGS Symposium: Advances in Minimally Invasive Surgery for Allied Health Care Professionals. CSF, Victoria, BC, Canada.
- June 1, 2010 **Panton ONM.** Minimally Invasive Colectomy. Podium Presentation, University of The West Indies & The Trinidad Association of General Surgeons. Port of Spain, Trinidad.
- September 4, 2010 **Panton ONM.** Can a Dedicated Team Improve Efficiency in the OR? Is It Worthwhile? Podium Presentation, CAGS Symposium: In Support of Dedicated Teams for Safe Completion of Advanced MIS. CSF, Quebec City QC, Canada.
- November 13, 2010 **Discussant.** Avansino J, Javid P, Katz C, Goldin A, Drugas G. Implementation of a Standardized Procedural Checklist in a Children's Hospital. NPSA Meeting, Tacoma, WA, USA.
- December 8, 2010 **Panton ONM.** Surgeons' Vigilance in the OR. Podium Presentation, UWI & The Trinidad Association of General Surgeons. Port of Spain, Trinidad.
- April 14-15, 2011 **Panton ONM.** Laparoscopic Solid Organ Surgery. SAGES Resident Workshop, Basic Endoscopy & Laparoscopy. CSTAR, London Health Sciences Centre, London, ON, Canada.

- September 17, 2012 **Panton ONM.** Complex TAPP Repairs. CAGS Instructional Video Session: Complex & Unusual Hernias. London, ON, Canada.
- February 22, 2012 **Panton ONM.** Pioneering Laparoscopic Surgery. Bronx Lebanon Medical Centre, New York, NY, USA.
- May 7, 2012 **Panton ONM.** Laparoscopic Solid Organ Surgery. OHSU, Portland, OR, USA.
- June 6, 2012 **Panton ONM.** Pioneering Laparoscopic Surgery. University of Massachusetts Memorial Medical Centre, Worcester, MA, USA.
- September 13, 2012 **Panton ONM.** Managing Chronic Pain Following Hernia Repair. CAGS MIS PG Course: Hernias & Abdominal Wall Reconstruction-What's New in 2012. CSF 2012, Calgary, AB, Canada.
- September 14, 2012 **Panton ONM.** Open Tissue Repair (McVay). CAGS Instructional Video Session: Hernia Repair-Open/lap, anterior/posterior, tissue/mesh...Tips for all approaches. CSF 2012, Calgary, AB, Canada.
- September 15, 2012 **Panton ONM.** Use of Hand Port in Laparoscopic Colectomy. CAGS Video Session: Laparoscopic Colorectal Surgery. CSF 2012, Calgary, AB, Canada.

(e) **Other Presentations**

- May 1984 **Panton ONM, Atkinson KG, Crichton EP, et al.** Mechanical preparation of the large bowel for elective surgery: a prospective randomized study. Paper presented at the British Columbia Surgical Society Meeting, Whistler, BC, Canada.
- November 1984 **Panton ONM, Atkinson KG, Crichton EP, et al.** Mechanical preparation of the large bowel for elective surgery: a prospective randomized study. Paper presented at the North Pacific Surgical Association Meeting, Tacoma, WA, USA.
- May 1992 **Panton ONM, Forward AD, Nagy AG, et al.** Laparoscopic cholecystectomy during pregnancy. Paper presented at the British Columbia Surgical Society Meeting, Victoria, BC, Canada.
- May 1993 **Panton ONM.** Laparoscopic hernia repair in 100 consecutive patients. Paper presented at British Columbia Surgical Society Meeting, Harrison, BC, Canada.
- September 1993 **Panton ONM, Nagy AG, Scudamore C, Panton R.J.** Laparoscopic cholecystectomy: a continuing plea for routine cholangiography. Paper presented at the Canadian Society of Laparoscopic and Endoscopic Surgery Meeting, Vancouver, BC, Canada.
- November 1993 **Panton ONM, Panton R.J.** Laparoscopic hernia repair. Paper presented at the North Pacific Surgical Association Meeting, Vancouver, BC, Canada.
- May 1995 **Panton ONM, Samson CA, Segal JS, Panton R.J.** Laparoscopy in the management of appendicitis. Paper presented at the British Columbia Surgical Society Meeting, Campbell River, BC, Canada.

- November 1995 **Panton ONM**, Samson C, Segal J, Panton R. Laparoscopy in the management of appendicitis; A Four Year Experience. Paper presented at the North Pacific Association Meeting, Victoria, BC, Canada.
- April 1996 Karim S, Finley R, **Panton ONM**, et al. Early experience with laparoscopic anti-reflux surgery for treatment of gastroesophageal reflux disease. Paper presented at the 19th Annual Surgical Residents Day UBC, Vancouver, BC, Canada.
- May 1996 Karim S, Finley R, **Panton ONM**, et al. Early experience with laparoscopic anti-reflux surgery for treatment of gastroesophageal reflux disease. Paper presented at the British Columbia Surgical Society Meeting, Harrison, BC, Canada.
- May 1996 **Panton ONM**. An argument for routine cholangiography during laparoscopic cholecystectomy. Paper presented at the British Columbia Surgical Society Meeting, Harrison, BC, Canada.
- November 1996 Karim S, Finley R, **Panton ONM**, et al. Comparison of total vs partial laparoscopic fundoplication in the management of gastroesophageal reflux surgery (GERD). Paper presented at the North Pacific Surgical Association Meeting, Seattle, WA, USA.
- March 16, 2001 Butterworth S, **Panton ONM**. Pseudomyxoma peritonei: A Case Study. Paper presented at the British Columbia Surgical Society Meeting, Kamloops, BC, Canada.
- March 17, 2001 **Panton ONM**. Laparoscopic colorectal surgery. Paper presented at the British Columbia Surgical Society Meeting, Kamloops, BC, Canada.
- November 9, 2001 Butterworth S, McGregor GI, **Panton ONM**. Pseudomyxoma Peritonei: Treatment Associated Morbidity. Paper presented at the North Pacific Surgical Association Meeting, Victoria, BC, Canada.
- April 18, 2002 Meneghetti A, Meloche M, Wilkins GE, Nimmo M, Berean K, **Panton ONM**. Laparoscopic adrenalectomy initial experience at University of British Columbia. Paper presented at the 25th Annual Surgical Residents Day, University of British Columbia, Vancouver, BC, Canada.
- April 18, 2002 Jangra D, **Panton ONM**. Laparoscopic splenectomy initial experience at Vancouver Hospital Health Sciences Centre/ UBC Site. Paper presented at the 25th Annual Surgical Residents Day, University of British Columbia, Vancouver, BC, Canada.
- May 11, 2002 Meneghetti A, Meloche M, Wilkins GE, Nimmo M, Berean K, **Panton ONM**. Laparoscopic adrenalectomy initial experience at University of British Columbia. Paper presented at the British Columbia Surgical Society Meeting, Nanaimo, BC, Canada.
- March 12-15, 2003 Meneghetti A, Meloche M, Wilkins GE, Nimmo M, Berean K, **Panton ONM**. Laparoscopic adrenalectomy initial experience at University of British Columbia. Poster Presentation Society of American Gastrointestinal and Endoscopic Surgeons. Los Angeles, CA, USA.
- May 9, 2003 Jangra D, MacFarlane J, McGregor G, Nagy A, **Panton ONM**. Laparoscopic Splenectomy: The UBC Experience. Paper presented at the British Columbia Surgical Society Meeting, Whistler, BC, Canada.

- March 31, 2004 – April 3, 2004 Lim J, Kinnaird C, Hwang H, Hodgson AJ, Nagy AG, **Panton ONM**, Qayumi AK. Objective multi-modal surgical performance analysis. Poster Presentation Society of American Gastrointestinal and Endoscopic Surgeons. Denver, CO, USA.
- April 29, 2004 Piper H, MacFarlane J, Nagy AG, Qayumi K, **Panton ONM**. The effect of structured training outside the operating room on laparoscopic knowledge and skills acquisition. Paper presented at the 27th Annual Residents Research Day, Department of Surgery, University of British Columbia, Vancouver, BC, Canada.
- May 14, 2004 Piper H, Nagy AG, Qayumi K, MacFarlane J, **Panton ONM**. Establishing a general surgery skills training program at the University of British Columbia. Paper presented at the British Columbia Surgical Society Meeting, Kelowna, BC, Canada.
- April 28, 2005 Hwang H, Lim J, Kinnard C, Nagy AG, **Panton ONM**, Hodgson AJ, Qayumi K. Correlating motor performance with surgical error in laparoscopic cholecystectomy. Paper presented at the 28th Annual Residents Research Day, Department of Surgery, University of British Columbia, Vancouver, BC, Canada.
- May 13, 2005 Hwang H, Lim J, Kinnard C, Nagy AG, **Panton ONM**, Hodgson AJ, Qayumi K. Correlating motor performance with surgical error in laparoscopic cholecystectomy. Paper presented at the British Columbia Surgical Society Meeting, Parksville, BC, Canada.
- October 24, 2005 Chan J, Meneghetti A, Meloche M, **Panton ONM**. Laparoscopic Adrenalectomy. Update of the UBC/VGH Experience. Poster presentation. UBC Chung Research Day, University of British Columbia, Vancouver, BC, Canada.
- November 12, 2005 Chan J, Meneghetti A, Meloche M, **Panton ONM**. Prospective comparison of early and late experience with laparoscopic adrenalectomy. Paper presented at the North Pacific Surgical Association meeting, Vancouver, BC, Canada.
- January 27, 2006 Cristancho SM, Hodgson AC, Pachev G, Nagy A, **Panton ONM**, Qayumi K. Assessing cognitive & motor performances in minimally invasive surgery for training & tool design. Paper presented at the TARTC 14th Annual Medicine Meets Virtual Reality Meeting. Long Beach, CA, USA.
- March 17, 2006 Meneghetti A, Meakin C, **Panton ONM**, Warnock G. Bariatric Surgery in British Columbia. Paper presented at the British Columbia Surgical Society Meeting, Sun Peaks, BC, Canada.
- November 8, 2006 Sampath S, Meneghetti A, MacFarlane J, Babcock C, Jangra D, Nguyen N, Benny B, **Panton ONM**. Do we miss accessory spleens? An 18-year review of open & laparoscopic splenectomy for Idiopathic Thrombocytopenic Purpura (ITP). Poster presentation. UBC Chung Research Day, University of British Columbia, Vancouver, BC, Canada.
- November 10, 2006 Sampath S, Meneghetti AT, MacFarlane JK, Babcock C, Jangra J, Nguyen N, Benny B, **Panton ONM**. Do we miss accessory spleens? An 18-year review of open & laparoscopic splenectomy for Idiopathic Thrombocytopenic Purpura (ITP). Paper presented at the North Pacific Surgical Association meeting, Spokane, WA, USA.

- February 6-9, 2007 Cristancho S, Hodgson A, **Panton ONM**, Meneghetti A, Qayumi K. Feasibility of Using Intraoperatively-acquired Quantitative Kinematic Measures to Monitor Development of Laparoscopic Skill. Paper presented at the TARTC 15th Annual Medicine Meets Virtual Meeting. Long Beach, California, USA.
- March 3-10, 2007 Chan JE, Meloche RM, **Panton ONM**. Laparoscopic Adrenalectomy: An Update of the UBC Experience. Poster presentation, UBC Celebrate Research Week, VGH, Vancouver, BC, Canada.
- March 3-10, 2007 Sampath S, Meneghetti AT, MacFarlane JK, Nguyen NH, Benny WB, **Panton ONM**. An 18-year review of open and laparoscopic splenectomy for idiopathic thrombocytopenic purpura. Poster presentation, UBC Celebrate Research Week, VGH, Vancouver, BC, Canada.
- May 11, 2007 Cristancho S, Hodgson A, **Panton ONM**, Meneghetti AT, Warnock G, Qayumi K. Feasibility of Using Intraoperatively-acquired Quantitative Kinematic Measures to Monitor Development of Laparoscopic Skill. Paper presented at the 59th Annual British Columbia Surgical Society Meeting, Victoria, BC, Canada. Dr. Cristancho awarded a resident research prize.
- May 11, 2007 Meneghetti AT, Chung S, **Panton ONM**. Laparoscopic Hepatic Surgery. Paper presented at the 59th Annual British Columbia Surgical Society Meeting, Victoria, BC, Canada.
- October 29, 2007 Meneghetti AT, Chung S, **Panton ONM**. Laparoscopic Hepatic Surgery. Video presentation at the UBC 13th Annual Chung Lectureship, Paetzold HEC, Vancouver, BC, Canada.
- April 11, 2008 Cristancho S, Meneghetti A, **Panton ONM**, Warnock G, Hodgson A. Intraoperatively-acquired objective measures to monitor laparoscopic skills. Podium Presentation at SAGES 2008, Philadelphia, PA, USA.
- April 24, 2008 Swanson T, Sampath S, Meneghetti M, Connors J, **Panton ONM**. Hand Assisted Splenectomy is the Superior Approach for Spleens Over 20 cm in Length. Presented at the UBC 31st Annual Resident's Research Day. Department of Surgery, UBC, Vancouver, BC, Canada.
- April 24, 2008 Rowe A, Schumacher A, Buczkowski A, Meneghetti A, **Panton ONM**, Scudamore C, Chung C. Perioperative Analysis of Laparoscopic vs Open Liver Resections. Presented at the UBC 31st Annual Resident's Research Day. Department of Surgery, UBC, Vancouver, BC Canada.
- September 11, 2008 Swanson T, Sampath S, Meneghetti A, Connors J, **Panton ONM**. Hand Assisted Splenectomy is the Superior Approach for Spleens Over 20 cm in Length. Poster presentation, Canadian Surgical Forum, Halifax, NS, Canada.
- September 11, 2008 Segedi M, Hameed M, Buczkowski A, Brown C, Evans D, **Panton ONM**. A New Urgent Surgery Service at a Teaching Hospital-Impact on Waiting Times & Patient Care. Poster presentation, CSF, Halifax, NS, Canada.
- September 11, 2008 Rowe A, Schumacher A, Buczkowski A, Meneghetti A, **Panton ONM**, Scudamore C, Chung S. Perioperative Analysis of Laparoscopic vs Open Liver Resections. Poster Presentation, CSF Halifax, NS, Canada.

- November 3, 2008 Swanson T, Sampath S, Meneghetti A, Connors J, **Panton ONM**. Hand Assisted Laparoscopic Splenectomy is the Superior Approach for Spleens over 20 cm in Length. Poster presented at the UBC Department of Surgery Research Day, 14th Annual W. B. & M. H. Chung Lectureship, VGH, Vancouver, BC, Canada.
- November 3, 2008 **Panton ONM**. Hand-assisted laparoscopic left adrenalectomy. Video presented at the UBC Department of Surgery Research Day, 14th Annual W.B. & M.H. Chung Lectureship, VGH, Vancouver, BC, Canada.
- February 13, 2009 Swanson T, Sampath S, Meneghetti A, Connors J, Panton ONM. Hand-assisted Laparoscopic Splenectomy is the Superior Approach in Spleens over Twenty Centimeters in Length. Podium Presentation at the General Surgery Review in the Rockies, CAGS, Alberta Association of General Surgeons & BC Surgical Society, Banff, AB, Canada.
- February 13, 2009 Rowe A, Schumacher P, Buczkowski A, Meneghetti A, Panton ONM, Scudamore C, Chung S. Perioperative Analysis of Laparoscopic vs Open Liver Resections: Are Laparoscopic Liver Resections Cost Effective? Podium Presentation at The General Surgery Review in the Rockies, CAGS, Alberta Association of General Surgeons & BC Surgical Society, Banff, AB, Canada.
- April 25, 2009 Swanson T, Sampath S, Meneghetti A, Connors J, Panton ONM. Hand Assisted Laparoscopic Splenectomy is the Superior approach in Spleens Over 20cm in Length. SAGES 2009, Phoenix, AZ, USA.
- July 10, 2009 Zheng B, Spaun G, **Panton ONM**, Swanson L. Quantifying Mental Workloads of Performing NOTES During a Learning Process. Podium Presentation at SAGES/ASGE 4th International Conference on NOTES. Boston, MS, USA.
- November 9, 2009 Al-Tayeb T, Zheng B, Meneghetti A, Panton ONM, Qayumi Q. Quantifying Mental Workload During Advanced Laparoscopic Tasks. Poster Presentation, WB Chung Lectureship, Vancouver, BC, Canada.
- April 14-17, 2010 Meneghetti A, Pachev G, Koval V, Zheng B, Qayumi K, **Panton ONM**. Objective Assessment of Laparoscopic Surgical Skill using the Dual-Task Approach. Poster Presentation, 12th World Congress of Endoscopic Surgery, SAGES & CAGS, Washington, DC USA.
- April 14-17, 2010 Lam J, Meneghetti A, **Panton ONM**. Laparoscopic Management of Gastrointestinal Stromal Tumours at a Canadian Institution. Poster Presentation, 12th World Congress of Endoscopic Surgery, SAGES & CAGS, Washington, DC, USA.
- April 14-17, 2010 Zheng B, Al-Tayeb, Sohn YS, Qayumi K, Meneghetti A, **Panton ONM**. Single Port Access Surgery: Performance Difficulty & a Possible Solution. Poster Presentation, 12th World Congress of Endoscopic Surgery, SAGES & CAGS, Washington, DC, USA.
- September 3, 2010 Daigle C, Tien G, Atkins S, Zheng B, Tanin H, Swindells A, Meneghetti A, Panton ONM, Qayumi K. Monitoring Patient Conditions While Performing Laparoscopic Procedure in Simulated Environment. CAGS/CATS Poster Session, CSF, Quebec City, QC, Canada.
- November 13, 2010 Zheng B, Tien G, Daigle C, Atkins M, Tanin H, Swindells C, Meneghetti A, **Panton ONM**, Qayumi K. Surgeons' Vigilance in the Operating Room. NPSA Meeting, Tacoma, WA, USA.

- December 3, 2010 **Panton ONM.** Can a Dedicated Team Improve Efficiency in the OR? Is it Worthwhile? The Dr. N. Schmidt UBC General Surgery Update. Vancouver, BC, Canada.
- February 11, 2011 Zheng B, Cassera M, Swanstrom L, Meneghetti A, **Panton ONM**, Kayumi K. Maintaining Forward View of the Surgical site for Best Endoscopic Practice. Medicine Meets Virtual Reality 18 Meeting, Newport Beach, CA, USA.
- April 1, 2011 Zheng B, Rieder E, Swanstrom L, Meneghetti A, **Panton ONM.** Dept of Surgery, UBC; MIS Program, Legacy Health, Portland, ON. Quantifying Mental Workload of Surgeons Performing NOTES Procedures. SAGES 2011, San Antonio, TX, USA.
- May 6, 2011 **Panton ONM**, Meneghetti M, Zheng B. The Ability to Check Patients Condition is Affected by Surgeon's Seniority in the OR. BC Surgical Association 64th Annual Spring Meeting, Parksville, BC, Canada.
- March 8, 2012 Zheng B, Jiang X, Tien G, Meneghetti A, **Panton ONM**, Atkins S. Workload Assessment of Surgeons: Correlation Between NASA TLX & BLINKS. UBC. SAGES 2012, San Diego, CA, USA.
- March 9, 2012 Khan, R., Tien G, Atkins S, Zheng B, **Panton ONM**, Meneghetti A. Analysis of Eye Gaze: Do Novice Surgeons Look at the Same Location as Expert Surgeons During a Laparoscopic Procedure? UBC, SFU. SAGES 2012, San Diego, CA, USA.
- May 9, 2013 Mador B. **Panton ONM**, Hameed M. Timing of Cholecystectomy after Endoscopic Sphincterotomy for Mild Pancreatitis. UBC Surgical Residents' Research Day, Vancouver, BC, Canada.

(f) **Other – Meeting Attendance**

Laparoscopic & Endoscopic Education

- September 28-29, 1990 Laparoscopic Laser Cholecystectomy Workshop, HCA Center for Research and Education, Nashville, TN, USA. EJ Reddick, Director.
- November 15-16, 1991 Advanced Laparoscopic General Surgery Procedures, United States Endoscopic Laser Institute, Baltimore, Maryland, USA. Zucker KA, Director. Accredited by the School of Medicine, University of Maryland at Baltimore, MD, USA.
- August 6, 1992 The Second International Post Graduate Hands-On ERCP Training Course, University of Saskatchewan, Saskatoon, SK, Canada. D Litwin, Course Director.
- August 7-8, 1992 First International Symposium on Minimal Access Surgery, Saskatoon, SK, Canada. Litwin D (Canada) Chairman, Katkhouda N (France), Co-Chairman.
- October 1992 Advanced Laparoscopic Hernioplasty and Bowel/Colon and Rectal Procedures, Ethicon Endo-Surgery Institute, Cincinnati, OH, USA.
- September 8, 1993 Canadian Society for Endoscopic and Laparoscopic Surgery Meeting, Vancouver, BC, Canada.
- September 9, 1993 Laparoscopic Surgery, Postgraduate Course. Royal College of Physicians and Surgeons of Canada Meeting, Vancouver, BC, Canada.
- December 1993 Surgical Tour, US Surgical Corp., Norwalk, NJ, USA.

September 15, 1994	Laparoscopic Surgery and Endoscopic Surgery, Postgraduate Course. Royal College of Physicians and Surgeons of Canada Meeting, Toronto, ON, Canada.
January 13-14, 1997	Advanced Laparoscopic Seminar, Ethicon Endo-Surgery Institute, Cincinnati, OH, USA.
August 28-29, 1997	Advanced Laparoscopic Adrenalectomy and Splenectomy Course, University of Western Washington School of Medicine, Seattle, WA, USA.
April 1, 1998	Mini-Laparoscopy, Postgraduate Course, Society of American Gastrointestinal & Endoscopic Surgeons (SAGES), Seattle, WA, USA.
April 2, 1998	Tips and Techniques, Post graduate Course, Society of American Gastrointestinal & Endoscopic Surgeons (SAGES), Seattle, WA, USA.
March 30, 2000	Post Graduate Course II. Treatment of Barrett's Oesophagus: Current Concepts. Society of American Gastrointestinal & Endoscopic Surgeons (SAGES), Atlanta, GA, USA.
March 12, 2000	Hands-On Course 1: Laparoscopic Colon Surgery. Society of American Gastrointestinal & Endoscopic Surgeons, Los Angeles, CA, USA.
June 2-3, 2003	Advanced Laparoscopic Procedures. Ethicon Endo-Surgery Institute, Cincinnati, OH, USA.
October 4, 2003	Bard MIS Ventral Hernia Repair. Centre of Excellence for Surgical Education & Innovation, VGH, University of British Columbia, Vancouver, BC, Canada. Mt. Sinai Surgical Skills Laboratory, Toronto, ON, Canada.
June 2-3, 2006	Advanced Course in Laparoscopic Obesity Surgery. European Institute of Telesurgery, IRCAD, Strasbourg, France.
April 2007	SAGES MIS and Cancer Postgraduate Course. Society of American Gastrointestinal & Endoscopic Surgeons meeting, Las Vegas, NV, USA.
November 2, 2007	Laparoscopic Ventral Hernia Repair Course, The University of Washington Centre for Videoendoscopic Surgery, Seattle, WA, USA.
March 28-29, 2008	Advanced Hands-on Course in N.O.T.E.S Surgery. European Association for Transluminal Endoscopic Surgery, EITS/IRCAD, Strasbourg, France.
April 9, 2008	SAGES 2008 PG course: Challenging Hernias. Philadelphia, PA, USA.
September 11, 2008	CAGS PG Course: Tips, Tricks, & Complications in Minimally Invasive Surgery. CSF, Halifax, NS, Canada.
April 22, 2009	SAGES Endolumenal/NOTES Hands-on Course, Phoenix, AZ, USA.
December 1, 2011	TEM Hands-on Course. The Dr. N. Schmidt UBC General Surgery Update. Vancouver, BC, Canada.

Other Postgraduate Courses

April 15, 1986	Surgery of the Stomach and Small Intestine, GI Endoscopy and ERCP, Post-Graduate Course, American College of Surgeons, Vancouver, BC, Canada.
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October 23, 1988	Carcinoma of the Breast, Post Graduate Course, American College of Surgeons, Chicago, IL, USA.
January 20-21, 1989	Advanced Trauma Life Support Providers Course, American College of Surgeons, Vancouver, BC, Canada.
June 17-18, 2004	Advanced Trauma Life Support Providers Course, American College of Surgeons, Vancouver, BC, Canada.
February 6, 2009	ATLS Instructor Course, UBC, Vancouver, BC Canada.

Continuing Education

May 1984	British Columbia Surgical Society, Whistler BC, Canada.
November 1984	North Pacific Surgical Association, Seattle, WA, USA.
September 1985	Royal College of Physicians and Surgeons of Canada, Vancouver, BC, Canada.
April 1986	American College of Surgeons, Vancouver, BC, Canada.
November 14-15, 1986	North Pacific Surgical Association, Tacoma, WA, USA.
May 6-9, 1987	British Columbia Surgical Society, Harrison, BC, Canada.
August 30 – September 3, 1987	International Society of Oncodevelopmental Biology Medicine, Quebec City, QC, Canada.
November 13-14, 1987	North Pacific Surgical Association, Vancouver, BC, Canada.
October 23-28, 1988	Clinical Congress, American College of Surgeons, Chicago, IL, USA.
November 20-26, 1988	University of the West Indies Medical Alumni International Conference, Kingston, Jamaica.
May 3-5, 1989	British Columbia Surgical Society, Nanaimo, BC, Canada.
June 15-17, 1989	National Surgical Adjuvant Project for Breast and Bowel Cancers, sponsored by the University of Pittsburgh/University of British Columbia, Vancouver, BC, Canada.
October 15-20, 1989	Clinical Congress, American College of Surgeons, Atlanta, GA, USA.
November 10-11, 1989	North Pacific Surgical Association, Victoria, BC, Canada.
May 1990	British Columbia Surgical Society, Harrison, BC, Canada.
September 1990	Royal College of Physicians and Surgeons of Canada, Toronto, ON, Canada.
November 29-30, 1990	Cancer Controversies - Update '90, University of British Columbia, General Surgery Division and the British Columbia Cancer Agency, Vancouver, BC, Canada.
May 1991	British Columbia Surgical Society, Penticton, BC, Canada.

November 28-29, 1991 Biliary Tract Stone Diseases - Update '91, University of British Columbia, Vancouver, BC, Canada.

May 6-9, 1992 British Columbia Surgical Society, Victoria, BC, Canada.

October 11-16, 1992 Clinical Congress, American College of Surgeons, New Orleans, LA, USA.

November 26-27, 1992 8th Annual Surgical Update Colorectal Surgery. Sponsored by the Division of General Surgery and the Section of Colon and Rectal Surgery, University of British Columbia & the Canadian Society of Colon and Rectal Surgeons. Vancouver, BC, Canada.

May 5-8, 1993 British Columbia Surgical Society, Harrison, BC, Canada.

September 9-13, 1993 Royal College of Physicians and Surgeons of Canada, Vancouver, BC, Canada.

November 12-13, 1993 North Pacific Surgical Association, Vancouver, BC, Canada.

February 24-26, 1994 Colorectal Disease in 1994: An International Exchange of Medical and Surgical Concepts, sponsored by the Cleveland Clinic Foundation, Fort Lauderdale, FL, USA.

May 11-14, 1994 British Columbia Surgical Society, Prince George, BC, Canada.

September 14-19, 1994 Royal College of Physicians and Surgeons of Canada, Toronto, ON, Canada.

November 11-12, 1994 North Pacific Surgical Association, Coeur D'Alene, ID, USA.

December 1-2, 1994 Breast Cancer Update - 1994, Breast Tumor Group, BC Cancer Agency and BC Surgical Society, Vancouver, BC, Canada.

May 3-6, 1995 British Columbia Surgical Society Meeting, Campbell River, BC, Canada.

July 2-6, 1995 XIIIth International Congress of Nephrology, Madrid, Spain.

November 10-11, 1995 North Pacific Surgical Association, Victoria, BC, Canada.

May 1-4, 1996 British Columbia Surgical Society Meeting, Harrison, BC, Canada.

October 6-11, 1996 American College of Surgeons Clinical Congress, San Francisco, CA, USA.

November 8-9, 1996 North Pacific Surgical Association, Seattle, WA, USA.

April 30-May 3, 1997 British Columbia Surgical Society Meeting, Victoria, BC, Canada.

September 25-28, 1997 Royal College of Physicians and Surgeons of Canada, Vancouver, BC, Canada.

February 14, 1998 Ph-HP Decisive New Evidence, Ottawa, ON, Canada.

February 28, 1998 Minimally Invasive Surgery Study Group - Laparoscopic Splenectomy Protocol: Investigators Meeting, Toronto, ON, Canada.

April 1-4, 1998 Society of American Gastrointestinal & Endoscopic Surgeons, Seattle, WA, USA.

May 7-9, 1998 British Columbia Surgical Society Meeting, Kelowna, BC, Canada.

November 26, 1998	WB Chung Research Day, University of British Columbia, Vancouver, BC, Canada.
January 11, 1999	Update on GI Malignancies, Fraser Valley Cancer Centre, Surrey, BC, Canada.
May 6-8, 1999	British Columbia Surgical Society Meeting, Whistler, BC, Canada.
November 12-13, 1999	North Pacific Surgical Association Meeting, Vancouver, BC, Canada.
January 2000 – December 2005	The Royal College of Physicians & Surgeons of Canada Maintenance of Certification Program (see attached).
March 28 – April 1, 2000	Society of American Gastrointestinal & Endoscopic Surgeons, Atlanta, GA, USA.
May 4-6, 2000	British Columbia Surgical Society Meeting, Victoria, BC, Canada.
September 21-24, 2000	Royal College of Physicians and Surgeons of Canada Meeting, Edmonton, AB, Canada.
November 3-4, 2000	UBC Faculty of Medicine Golden Jubilee 2000, Vancouver, BC, Canada. 17th.
December 2, 2000	Annual Surgical Update - Rectal Cancer, UBC, Vancouver, BC, Canada
March 15-17, 2001	British Columbia Surgical Society Meeting, Kamloops, BC, Canada.
November 9-10, 2001	North Pacific Surgical Association Meeting, Victoria, BC, Canada.
April 18, 2002	25th Annual Surgical Residents Day, University of British Columbia, Vancouver, BC, Canada.
May 9-11, 2002	British Columbia Surgical Society Meeting, Nanaimo, BC, Canada.
July 27-28, 2002	Okanagan Summer in the Valley Educational Event, Kelowna, BC, Canada.
October 25, 2002	University of British Columbia, Department of Surgery, Research Day, 8 th Annual WB & MM Chung Lecturership. St Paul's Hospital, Vancouver, BC, Canada.
November 29-30, 2002	Optimum Management of Rectal Cancer. University of British Columbia, Department of Surgery, BC Surgical Society, BC Cancer Agency. 19 th Annual Surgical Update and 3 rd Annual BCAA Cancer Care Conference, St Paul's Hospital, Vancouver, BC, Canada.
March 12-15, 2003	Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Meeting, Los Angeles, CA, USA.
May 8-10, 2003	British Columbia Surgical Society Meeting, Whistler, BC, Canada.
June 2-3, 2003	Advanced Laparoscopic Procedures. Endo-Surgery Institute, Cincinnati, OH, USA.
September 18-21, 2003	Canadian Surgery Forum, Vancouver, BC, Canada.
October 27, 2003	University of British Columbia, Department of Surgery, Research Day, 9 th Annual WB & MM Chung Lecturership St Paul's Hospital, Vancouver, BC, Canada.
January 15-17, 2004	Endoscopic Surgery Conference. Cayman Islands Health Authority, Grand Cayman.

April 1-3, 2004	21 st Annual Conference for Physician Leaders, Vancouver, BC, Canada.
April 29, 2004	27th Annual Surgical Residents Day, University of British Columbia, Vancouver, BC, Canada.
May 13-15, 2004	57 th Annual Meeting British Columbia Surgical Society, Kelowna, BC, Canada.
September 9-12, 2004	Canadian Surgical Forum, Ottawa, ON, Canada.
February 17-19, 2005	Colorectal Disease Symposium, Cleveland Clinic Florida. Fort Lauderdale, FL, USA.
May 12-14, 2005	57 th Annual Meeting British Columbia Surgical Society, Parksville, BC, Canada
September 8-11, 2005	Canadian Surgery Forum, Montreal, QB, Canada.
November 11-12, 2005	92 nd Annual Meeting North Pacific Surgical Association. Vancouver, BC, Canada.
April 7-8, 2006	Advances in Inguinal & Laparoscopic Ventral Hernia Repair. Meeting sponsored by Ethicon, a unit of Johnson & Johnson Medical Products. Calgary, AB, Canada.
April 27, 2006	29th Annual Surgical Residents Day, University of British Columbia, Vancouver, BC, Canada.
September 7-10, 2006	Canadian Surgical Forum, Calgary, AB, Canada.
November 10-11, 2006	North Pacific Surgical Association, Spokane, Washington, USA.
April 18-22, 2007	Society of American Gastrointestinal & Endoscopic Surgeons Meeting, Las Vegas, NV, USA.
April 22-25, 2007	American College of Surgeons Spring Meeting, Las Vegas, NV, USA.
April 26, 2007	30th Annual Surgical Residents Day, University of British Columbia, Vancouver, BC, Canada.
May 11-12, 2007	60 th Annual Spring Meeting British Columbia Surgical Society Meeting, Victoria, BC, Canada.
September 6-9, 2007	Canadian Surgical Forum, Toronto, ON, Canada.
October 29, 2007	University of British Columbia 13 th Annual Chung Lectureship, Paetzold HEC, Vancouver, BC, Canada
December 8, 2007	Advances in Hernia Repair, UBC Division of General Surgery, Vancouver BC, Canada.
April 9-12, 2008	Society of American Gastrointestinal and Endoscopic Surgeons meeting: SAGES 2008 Scientific Session & Postgraduate Courses. Philadelphia, PA, USA.
April 24, 2008	UBC 31 st Annual Resident's Research Day. Department of Surgery, UBC, Vancouver, BC, Canada.
July 12-19, 2008	UWI Medical Alumni Association: 9 th International Medical Conference, Jamaica.

September 11-14, 2008 Canadian Surgical Forum, Halifax, NS, Canada.

September 26, 2008 Vancouver Coastal & Fraser Health Authorities Patient Safety Conference. VGH, Vancouver, BC, Canada

November 3, 2008 UBC Department of surgery Research Day, 14th Annual W. B. & M. H. Chung Lectureship, VGH, Vancouver, BC, Canada.

November 14-15, 2008 North Pacific Surgical Association, Seattle, WA, USA.

December 5-6, 2008 UBC General Surgery Update, Vancouver, BC, Canada.

February 12-15, 2009 General Surgery Review in the Rockies, CAGS, Alberta Association of General Surgeons & BC Surgical Society, Banff, AB, Canada.

April 22-25, 2009 SAGES Scientific Sessions & PG Courses, Phoenix, AZ, USA.

July 9-11, 2009 SAGES/ASGE 4th International Conference on NOTES, Boston, MS, USA.

September 10-13, 2009 Canadian Surgical Forum, Victoria, BC Canada.

October 11-15, 2009 American College of Surgeons Clinical Congress, Chicago, IL, USA

November 9, 2009 UBC WB & MH Chung Lectureship, VGH, Vancouver, BC, Canada.

December 4-5, 2009 UBC General Surgery Update, Vancouver, BC, Canada.

April 14-17, 2010 12th World Congress of Endoscopic Surgery hosted by SAGES & CAGS, Washington, DC, USA.

April 29, 2010 UBC Department of Surgery 33rd Annual Residents' Research Day, Vancouver, BC, Canada.

June 10-12, 2010 Canadian Association of Gastroenterologists Consensus on Quality & Safety in Endoscopy. Represented CAGS at this conference. Toronto, ON, Canada.

September 2-5, 2010 Canadian Surgical Forum, Quebec City, QB, Canada.

November 12-13, 2010 North Pacific Surgical association Meeting, Tacoma, WA, USA.

December 3, 2010 The Dr. N. Schmidt UBC General Surgery Update, Vancouver BC, Canada.

March 30-April 2, 2011 SAGES 2011 30th Anniversary Meeting, San Antonio, TX, USA.

May 5-7, 2011 BC Surgical Society 64th Annual Spring Meeting, Parksville, BC, Canada.

May 12, 2011 UBC Department of Surgery Residents' Research Day, Vancouver, BC, Canada.

May 14-18, 2011 The American Society of Colon & Rectal Surgeons Annual Meeting, Vancouver, BC, Canada.

September 15-18, 2011 The Canadian Surgical Forum, London, ON, Canada.

October 23-27, 2011 Clinical Congress, ACS, San Francisco, CA, USA.

November 11-12, 2011 The North Pacific Surgical Association Annual Meeting, Vancouver, BC, Canada.

March 7-10, 2012	SAGES 2012, San Diego, CA, USA.
May 3-5, 2012	65 th Annual British Columbia Surgical Society Meeting, Whistler, BC, Canada.
September 13-16, 2012	CSF 2012, Calgary, AB, Canada.
September 24, 2012	UBC Department of Surgery Chung Research Day, Vancouver, BC, Canada.
September 30- October 4, 2012	ACS Clinical Congress, Chicago, IL, USA.
November 9-10, 2012	99 th Annual Meeting, NPSA, Spokane, WA, USA.
April 17-20, 2013	SAGES 2013, Baltimore, MD, USA.
May 9, 2013	UBC Surgical Residents' Research Day, Vancouver, BC, Canada.
May 10-12, 2013	UBC Department of Surgery Bethune Round Table 2013, Vancouver, BC, Canada.

(g) Conference Participation

Program Chair, Planning Committee

Program Chair, British Columbia Surgical Society Meeting, Kamloops, BC, Canada.	March 15-17, 2001
Program Chair, British Columbia Surgical Society Meeting, Nanaimo, BC, Canada.	May 9-11, 2002
Program Chair, British Columbia Surgical Society Meeting, Kelowna, BC, Canada.	May 13-15, 2004
Co-chair, afternoon papers, UBC 13 th Annual Chung Lectureship, Vancouver, BC Canada.	October 29, 2007
Program Chair, UBC Advances in Hernia Repair Symposium, CESEI & Paetzold Auditorium, VGH, Vancouver, BC Canada.	December 8, 2007
Program Chair, UBC General Surgery Update, CESEI, VGH, Department of Surgery, University of British Columbia, Vancouver, BC, Canada.	December 5-6, 2008
Program Chair, UBC General Surgery Update, CESEI & Jack Bell Research Lab, VGH, Department of Surgery, University of British Columbia, Vancouver, BC, Canada.	December 4-5, 2009
Co-Chair, Conflict of Interest Panel, 12 th World Congress of Endoscopic Surgery hosted by SAGES & CAGS, Washington, DC, USA.	April 16, 2010
Program Chair, Abdominal Wall Reconstruction Symposium, NPSA Annual Meeting, Vancouver, BC, Canada.	November 12, 2011

Program Chair, The Dr. Nis Schmidt UBC General Surgery Update,
Vancouver, BC, Canada.

December 1-3, 2011

Program Chair, The Dr. Nis Schmidt UBC General Surgery Update,
Vancouver, BC, Canada.

December 7-8, 2012

Planning Committee Member

North Pacific Surgical Association, Vancouver, BC, Canada.

November 13-15, 1987

8th Annual Surgical Update Colorectal Surgery, Sponsored by the Division
of General Surgery and the Section of Colon and Rectal Surgery
University of British Columbia & the Canadian Society of Colon and Rectal
Surgeons. Vancouver, BC, Canada.

November 26-27, 1992

North Pacific Surgical Association, Vancouver, BC, Canada.

November 12-13, 1993

British Columbia Surgical Society Meeting, Victoria, BC, Canada.

April 30-May 3, 1997

British Columbia Surgical Society Meeting, Kelowna, BC, Canada.

May 7-9, 1998

British Columbia Surgical Society Meeting, Whistler, BC, Canada.

May 6-8, 1999

North Pacific Surgical Association Meeting, Vancouver, BC, Canada.

November 12-13, 1999

British Columbia Surgical Society Meeting, Victoria, BC, Canada.

May 4-6, 2000

UBC Faculty of Medicine Golden Jubilee 2000, Vancouver, BC, Canada.

November 3-4, 2000

British Columbia Surgical Society Meeting, Kamloops, BC, Canada.

March 15-17, 2001

British Columbia Surgical Society Meeting, Nanaimo, BC, Canada.

May 9-11, 2002

British Columbia Surgical Society Meeting, Whistler, BC, Canada.

May 8-10, 2003

British Columbia Surgical Society Meeting, Kelowna, BC, Canada.

May 13-15, 2004

CAGS Laparoscopic Postgraduate Course, Montreal, QB, Canada.

September 8-11, 2005

UBC Laparoscopic Colectomy Course, Vancouver, BC, Canada.

October 1-2, 2004

UBC Laparoscopic Colectomy Course, Vancouver, BC, Canada.

June 10-11, 2005

CAGS Laparoscopic Postgraduate Course, Calgary, AB, Canada.

September 7-10, 2006

CAGS Laparoscopic Postgraduate Course, Toronto, ON, Canada.

September 6-9, 2007

UBC Laparoscopic Colectomy Course, Vancouver, BC, Canada.

October 13-14, 2006

UBC Laparoscopic Colectomy Course, Vancouver, BC, Canada.

Nov 8, 2007

UBC Advances in Hernia Surgery Symposium, Vancouver, BC, Canada.

Dec 8, 2008

CAGS PG Course: Tips, Tricks & Complications in MIS, Halifax, NS, Canada.	September 11, 2008
UBC General Surgery Update, Vancouver, BC, Canada.	December 5-6, 2008
CSCRS/CAGS PG Course: Laparoscopic Colorectal Surgery: Tips, Tricks & More, Victoria, BC, Canada.	September 10, 2009
UBC General Surgery Update 2009, Vancouver, BC, Canada.	December 4-5, 2009
The Dr. N. Schmidt UBC General Surgery Update, Vancouver, BC, Canada.	December 3, 2010
CAGS MIS Postgraduate Course: Complications of Laparoscopic & Endoscopic Surgery-Prevention, Diagnosis & Treatment-A Case-based Course, CSF, London, ON, Canada.	September 15, 2011
The North Pacific Surgical Association Annual Meeting, Vancouver, BC, Canada.	November 11-12, 2011
The Dr. N. Schmidt UBC General Surgery Update, Vancouver, BC, Canada.	December 1-3, 2011
The Dr. N. Schmidt UBC General Surgery Update, Vancouver, BC, Canada.	December 7-8, 2012

10. **SERVICE TO THE UNIVERSITY**

(a) ***Memberships on committees***

Clinical Skills Committee, Faculty of Medicine, UBC Education Committee, Centre of Excellence for Surgical Education & Innovation	October 2001- Dec 2003
UBC General Surgery Undergraduate Training Committee	May 1, 2007-present
UBC General Surgery Resident Education Committee	May 1, 2007-present
Acting Head, Division of General Surgery, Department of Surgery, UBC	May 1, 2007-June 2008
UBC Surgery Advisory Committee	May 1, 2007-present

Head, Division of General Surgery, UBC July 1, 2008-present

(b) Organization of Academic Events

Chair, UBC Department of Surgery Grand Rounds. Invited Visiting Professor Daniel Birch, University of Alberta, Director of CAMIS, The Royal Alexandra Hospital, Edmonton, AB, Canada. March 26, 2008

Chair, UBC Department of Surgery Grand Rounds. Invited Visiting Professor Adrian Park, University of Maryland, Baltimore, USA. June 17, 2009

Chair, UBC Department of Surgery Grand Rounds. Invited Visiting Professor C. Schlachta, University of Western Ontario, London, ON, Canada. June 23, 2010

Judge, UBC Residents' Research Day. Invited Visiting Professor Selwyn Rogers. Harvard Medical School, Chief of Burn, Trauma & Critical Care, Brigham & Women's Hospital, Boston, MA, USA. May 12, 2011

UBC General Surgery City Wide Rounds September 2011-present

Co-chair, UBC Department of Surgery Chung Lectureship. Invited Visiting Professor Gerry Fried, McGill University, Montreal, QC, Canada. November 7, 2011

Chair, UBC Department of Surgery Grand Rounds. Invited Visiting Professor I. Crandon, University of the West Indies, Mona, Kingston, Jamaica. June 27, 2012

Judge, UBC Residents' Research Day. Invited Visiting Professor Chris Schlachta, University of Western Ontario, London, ON, Canada. May 9, 2013

SERVICE TO THE COMMUNITY

11.

Fellow of the Royal College of Physicians and Surgeons of Canada 1983-present

Fellow of the American College of Surgeons 1989-present

Fellow of the Royal Society of Medicine, England 1992-present

Member Colo-Proctology Section of the Royal Society of Medicine, London, England 1992-present

Member of the British Columbia Medical Association 1984-present
Executive Member, General Surgical Section 1986-1994

Member of the Canadian Medical Association 1984-present

Member of the Canadian Association of General Surgeons 1985-present
Member Endoscopic and Laparoscopic Surgery Committee Sept 2004-present

Member of the British Columbia Surgical Society 1985-present
Member, Executive Committee 1996-2004
Program Chair, BCSS Meeting, March 2001 2000-2001
President Elect, BCSS March 2001-May 2003
Program Chair, BCSS Meeting May 2002 2001-2002

President, BCSS	May 2002-May 2003
Past President, BCSS	May 2003-May 2004
Program Chair, BCSS Meeting March 2004	May 2003-May 2004
Member of the North Pacific Surgical Association Vancouver Caucus and Program Planning	1986-present
Member of the Society of American Gastrointestinal & Endoscopic Surgeons	1998-present
Founding Member of the Caribbean Association of Endoscopic Surgeons	January 2004
Member Canadian Association of University Surgeons	September 2007-present
(b) <i>Memberships on other societies</i>	
(c) Memberships on scholarly committees	
Member, CAGS Endoscopic and Laparoscopic Surgery Committee	September 2004-present
Member, CAGS Committee on Acute Surgery & Critical Care	September 2009-2011
CAGS Representative, The CAG Consensus on Quality & Safety in Endoscopy Working Group.	January-June 2010.
(d) Memberships on other committees	
Surgical Committee Delta Hospital, Delta, BC, Canada	1985-April 2000
Medical Advisory Committee Delta Hospital, Delta, BC, Canada	December 1985- March 1989
Head of the Surgical Committee Delta Hospital, Delta, BC, Canada	May 1988-April 1990
Trauma Committee Delta Hospital, Delta, BC, Canada	1988-1990
Vice President, Medical Staff Delta Hospital, Delta, BC, Canada	1996-March 1998
Member, Transfusion Committee Delta Hospital, Delta, BC, Canada	June 1997-April 2000
Head, Department of Surgery Delta Hospital, Delta, BC, Canada	April 1998-April 2000
Medical Advisory Committee Delta Hospital, Delta, BC, Canada	April 1998-April 2000
Member, Nominating Committee Delta Hospital, Delta, BC, Canada	December 1998 – April 2000

Member, Department of Surgery Vancouver Hospital and Health Sciences Centre UBC Hospital Site Vancouver, BC, Canada	July 1999-present
Division of General Surgery Representative (UBC site) GI Clinic Review Committee Vancouver Hospital and Health Sciences Centre (VGH/UBC) Vancouver, BC, Canada	2001 –2002
Interim Surgical Director Vancouver Hospital and Health Sciences Centre (UBC site) Vancouver, BC, Canada	April 1, 2002 – May 31, 2003
Member, Operating Room Executive Team (ORET) Vancouver Hospital and Health Sciences Centre Vancouver, BC, Canada	2002 –2011
Member, Surgical Advisory Committee Vancouver Hospital and Health Sciences Centre Vancouver, BC, Canada	April 2, 2002-present
General Surgery Working Group Vancouver Coastal Health Authority Vancouver, BC, Canada	2002-2003
Co-chair, General Surgery Working Group Vancouver Coastal Health Authority Vancouver, BC, Canada	2003-2008
Head, Division of General Surgery Vancouver Acute Hospital, Vancouver, BC, Canada	June 2003-present
VGH Surgery Advisory Committee	June 2003-present
MIS Committee Vancouver Hospital and Health Sciences Centre Vancouver, BC, Canada	September 2003-2005
Head, MIS General Surgery Service Vancouver Hospital and Health Sciences Centre Vancouver, BC, Canada	2004-December 31, 2006
Provincial Surgery Services Project (BC) General Surgery Working Group	2004-2010
Vancouver Coastal Health Authority, Regional Surgical Forum	2004-2005
Operating Room Executive Team (ORET) Vancouver Hospital and Health Sciences Centre Vancouver, BC, Canada	January 2005-2011
Medical Director, Jim Pattison Operating Rooms Vancouver Acute Hospital, Vancouver, BC, Canada	January 1, 2007- December 31, 2007

UBC General Surgical Residency Education Committee, University of British Columbia, Vancouver, BC, Canada	May 1, 2007
UBC Undergraduate Education Committee, University of British Columbia, Vancouver, BC, Canada	May 1, 2007
UBC Surgical Advisory Committee, University of British, Vancouver, BC Canada	May 1, 2007
VCH Surgical Services Council	2007-2008
The BC Provincial Surgery Reference Group for establishing surgical wait times.	April-June 2010
VCH Representative for PHSA Health Shared Services BC Suture, Wound Closure & Laparoscopic Mechanical Instrument Contract.	October 2011- present
Vancouver Acute & UBC Hospitals Endoscopy Executive Committee.	January 2012
(e) <i>Editorships</i>	
(f) Reviewer	
External Review, Lions Gate Hospital, North Vancouver, BC, Canada	November-December 2003
<u>Canadian Journal of Surgery</u>	2003-present
Harris W et al. The Incidence of Portal Vein Thrombosis Post Laparoscopic Splenectomy.	November 18, 2003
Birch D et al. Infectious Complications Following Laparoscopic Appendectomy.	September 3, 2004
Birch D et al. The Feasibility of Introducing Advanced Minimally Invasive Surgery into Surgical Practice.	December 14, 2004
Birch D et al. The Risk of Assessing the Peritoneal Cavity for Minimally Invasive Surgery: An Evidence-based Review.	November 22, 2005
Pavlidis T et al. Alterations in Liver Function Tests Following Laparoscopic Cholecystectomy.	January 16, 2006
Erhan Y et al. Chronic Pain After Lichtenstein & Preperitoneal (Posterior) Hernia Repair.	December 19, 2006
Topaloglu S. Umbilical Trocar Site Closure with Berci's Needle After Laparoscopic Cholecystectomy.	May 7, 2007
Boushey R et al. The Adoption of Laparoscopic Colorectal Surgery: A National Survey of General Surgeons.	January 29, 2008
Schlachta C. Getting Started with Robotics in General Surgery with Cholecystectomy: The Canadian Experience.	April 25, 2008

Fraser S et al. Conversion in Laparoscopic Cholecystectomy After Gastric Resection: A 15 Year Review.	May 12, 2008
Musella M et al. Adrenal Incidentalomas in the Laparoscopic Era: Role of a Correct Surgical Indication. Observations from 255 Consecutive Adrenalectomies in an Italian Series.	December 18, 2008
Friano S et al. Modified Lichtenstein Procedure for Inguinal Hernia Repair: Postoperative Discomfort Evaluation.	December 22, 2008
Review of the revision of the above manuscript.	May 16, 2009
Marcello D. Open Incisional Hernia Repair in Local Anaesthesia.	July 1, 2010
De Gara C. Canadian Association of University Surgeons Symposium 2008: W(h)ither Generalism.	August 11, 2009
Fraser S. Splenectomy for Haematologic Disease: An Institutional Review.	June 20, 2010
Balaya J et al. Knowing the Operative Game Plan: A Novel Tool for the Assessment of Surgical Cognitive Competence.	June 15, 2011.
Moustarah F et al. NOTES for Management of Intra-abdominal Abscess: Transcolonic Peritoneoscopy & Abscess Drainage in a Canine Model.	February 2, 2012
<u>Surgical Endoscopy</u>	August 2007-present
Hsi D et al. Does Mental Health Affect the Assessment & Outcomes of Bariatric Surgery?	August 31, 2007
Zheng B et al. Measuring Mental Workload During the Performance of Advanced Laparoscopic Tasks.	March 6, 2009
Micali S et al. Differences & Similarities between Laparoscopy & Less: Objective Assessment of Results on Pelvic Trainer.	September 14, 2011
Gravante G et al. The Use of Low-cost Box Models to Achieve Basic & Advanced Laparoscopic Skills During Surgical Training.	November 17, 2011
Johnston T et al. Laparoscopic Skills are Significantly improved by use of a Portable Laparoscopic Simulator: Results of a Randomized Controlled Trial.	March 19, 2012
Oropesa I et al. EVA-Laparoscopic Instrument Tracking Based on Endoscopic Video Analysis for Psychomotor skills Assessment.	March 23, 2012
Virtual Reality Simulators & Training in Laparoscopic Surgery.	August 29, 2012
Society of American Gastrointestinal & Endoscopic Surgeons	
Review of 10 videos submitted for SAGES 2008.	October 2007
Review of grant application to the Physicians' Services Incorporated Foundation, ON, Canada.	December 14, 2011

(g) **External examiner**

External Examiner for the Part 1 & 2 Doctor of Medicine Examinations in Surgery, Mona Campus/Jamaica & St. Augustine Campus/Trinidad, Department of Surgery, University of the West Indies.	May 26-June 1, 2010
External Examiner for MB BS Final Exams, Mona Campus/Jamaica, University of the west Indies.	December 6, 2010
External Examiner for Part 1 & 2 DM Exams in Surgery, Mona & St. Augustine Campuses, UWI.	December 6-8, 2010
(h) Consultant	
Ethicon Endo-Surgery Canadian Advisory Board	February 2009-present
(i) Other service to the community	
Medical Legal Expert.	1985-present
Scouts Canada, 10 th Group Committee, Richmond, BC, Canada	1991-1994
Scouts Canada, Volunteer.	1990-2001
Preceptor of General Surgeons for MIS Cholecystectomy & IOC, University of the West Indies, Kingston, Jamaica.	February 1994
University Hospital of the West Indies, delivery of donated surgical equipment and supplies (\$50,000), Kingston, Jamaica	February 1994
Preceptor of General Surgeons, University of the West Indies, and assist in MIS surgery on Governor General of Jamaica, Sir Howard Cooke.	May 1994
Shipment of donated surgical equipment and supplies (\$20,000) to Kingston Public Hospital, Kingston, Jamaica.	July 2004
Shipment of donated medical and surgical supplies (\$30,000) to the Cayman Islands Government Hospital for Hurricane Ivan relief, Georgetown, Grand Cayman.	October 10, 2004
Voluntary medical/surgical services to Cayman Islands Government Hospital after Hurricane Ivan.	October 11-15, 2004
Shipment of donated equipment & surgical supplies (\$40,000) to the Surgical Skills Training Lab & Operating Rooms at the University hospital of the West Indies, Kingston, Jamaica,	May 2010.
Shipment of donated laparoscopic surgery equipment (\$8,000) to the Cayman Islands Health Services.	May 2010

12. AWARDS AND DISTINCTIONS

(a) Awards for Teaching

(b) **Awards for Scholarship**

Certificate of Recognition, Department of Surgery, Faculty of Medicine, UBC	November 2000
Certificate of Honor, Clinical Excellence, Medical Staff, Vancouver Coastal Health Authority	June 9, 2005
Certificate of Recognition, Department of Surgery, Faculty of Medicine, UBC	October 9, 2007

(c) **Awards for Service**

Certificate of Recognition of contribution to the success of the 1987 BC Summer Games July 23-26, 1987. Presented by The Honorable Bill Reid, BC Minister, Tourism, Recreation & Culture.	July 1987
Certificate of Appreciation, 5 years of service, Vancouver Acute, Vancouver Coastal Health Authority, 2004	Awarded July 7, 2004
Certificate of Appreciation, 10 years of service, VA/VCH, 2009	Awarded July 2009

13. **OTHER RELEVANT INFORMATION**

Accomplishments as UBC VGH Division of General Surgery Head

Recruitment: Dr. A Buczkowski, Hepatobiliary Surgeon
Dr. A Meneghetti, Laparoscopic Surgeon
Dr. D. Evans, Trauma/ICU Surgeon
Dr. M Hameed, Trauma/ICU Surgeon
Dr. Bin Zheng, Research Associate, CESEI
Dr. A. McFadden, Surgical Oncologist
Dr. N. Garraway, Trauma/ICU Surgeon

Reconfigured the emergency call schedule, establishing separate schedules for Trauma/General Surgery.VGH General Surgery Services Reconfigured. 2004

Recruited Dr. Sharon Johnsson and Dr. Margaret Pugh as Surgical Assistants at UBC Hospital.

Instrumental in redefining the General Surgery Services to focus on sub-specialty activities. New services included Hepatobiliary Pancreatic, Oncology, Trauma, GI Complex & MIS Services.

Reformatted the Divisional Meetings.

Reconvened negotiations for a Trauma/Acute General Surgery Contract in 2005. The Trauma portion of the contract was awarded.

Established day care cholecystectomy at the Cambie Street Clinic.

Reestablished a General Surgery call schedule at UBCH with MOCAP coverage.

Participated in implementing the fast-tracking of colon surgery patients.

Facilitated General Surgical Residents joining SAGES. 2003

Introduced the SAGES sponsored Senior General Surgery Resident tour of the Ethicon Endosurgical Facility in Cincinnati, Ohio. 2003.

Facilitated laparoscopic incisional hernia repair courses for General Surgery residents at CESEI (Bard sponsored) and in Seattle, Washington (Gore sponsored).

Negotiated the suture/staple contract, traveling to Cincinnati to make a presentation for the Vancouver Coastal Health Authority. 2003

Participated in the UBCH operating room reconfiguration.

Nominated Dr. R Simons for the VCH Award for bringing Clinical Renown to VGH. Award conferred 2006.

Nominated Dr. G Warnock for the VCH Award for Scientific Achievement. Award conferred 2006.

Medical Director of the VGH JPOR, participating in the redevelopment of the VA JPOR and the Vancouver Acute Care Management Improvement Initiative. 2007

Reconfigured the UBC Division of General Surgery Emergency Call Schedule with an Acute Service providing 0700-1700 and 1700-0700 surgeon shifts. Principles for surgeon responsibilities and communication were established. 2007.

Established the VGH/UBCH NOTES Working Group in March 2008.

Established the General Surgery MIS Fellowship Program, procured funding & appointed Dr. A. Meneghetti Director. 2008.

Nominated Dr. Ross Brown for VCH Award for Committee Service. Conferred June 2008.

Nominated Dr. Alex Nagy for VCH Special Service Award. Conferred June 2008.

Submitted a business case for biliary stone disease surgery to VCH/FH Authorities LMIIF Project. Application approved & funded for two years. September 2008.

Nominated Dr. M. Hameed for the RCPSC Program Director of the Year Award 2010.

Nominated Dr. S. Chung for the VCH Committee Service Award. Conferred in June 2010.

Nominated Dr. R. Brown for the VCH Special service Award for his role as Director of Medical Services for VANOC in 2010.

Recruited Dr. J. Forbes & Dr. S. Lord as surgical locums to support the ACS.

Submitted third APP application in three years to BC Ministry of Health for General Surgery Service Contract in November 2012.

THE UNIVERSITY OF BRITISH COLUMBIA
Publications Record

SURNAME: Panton

FIRST NAME: Ormond

Initials: ONMP

MIDDLE NAME: Neely Magnus

Date: April 2013

1. REFEREED PUBLICATIONS

(a) *Journals*

1. **Panton ONM**, Bell GA, Owen DA. Adenocarcinoma of the vermiform appendix: retrospective study and literature review. *Can J Surg* 1983; 26:276-279.
This was a resident research project & I was the primary author.
2. Bell, GA, **Panton ONM**. Hartmann resection for perforated sigmoid diverticulitis: a retrospective study of the Vancouver General Hospital experience. *Dis Colon Rectum* 1984; 27:253-256.
*I reviewed the patient file data & surgical literature in order to write this paper under the supervision of Dr. Bell during my residency. I realized that the UBC Division of General Surgery had adopted the Hartmann resection for complicated sigmoid diverticulitis when most North American surgeons were still performing the 3 stage technique which had a high mortality.
This paper had a powerful impact because the outcomes were superior in comparison to the current published data for the 3 stage technique.*
3. **Panton ONM**, Atkinson KG, Crichton EP, et al. Mechanical preparation of the large bowel for elective surgery: comparison of whole-gut lavage with the conventional enema and purgative. *Am J Surg* 1985; 149:615-619.
*When I entered the UBC General Surgery Residency Training Program in July 1979 patients at the affiliated teaching hospitals were being admitted 3 days prior to surgery to undergo mechanical bowel preparation. Whole gut lavage was described in the literature at that time permitting admission the day prior to surgery for bowel preparation.
I applied to the BC Healthcare Research Foundation & received a \$10,000.00 grant, hired a research nurse to supervise this prospective randomized control study which resulted in a 48 hour reduction in length of stay & quality improvements in antimicrobial prophylaxis for colorectal surgery. Primary author.*
4. **Panton ONM**, Smith JA, Bell GA, et al. The incidence of wound infection after stapled or sutured bowel anastomosis and stapled or sutured skin closure in humans and guinea pigs. *Surgery* 1985; 98:20-23.
*During residency I observed a lower wound sepsis rate in patients with stapled skin closure versus sutures.
My hypothesis was that sutures acted as a nidus for sepsis in the subcutaneous space while staples were externally located. reductions in wound sepsis in wounds closed with staples versus sutures.
Primary author.
I obtained funding from industry to perform this experimental animal study demonstrating significant reductions in wound sepsis in wounds closed with staples vs sutures. Primary author.*
5. **Panton ONM**, Sharp R, English RA, Atkinson KG. Gastrointestinal tuberculosis: the great mimic still at large. *Dis Colon Rectum* 1985; 28:446-450.
I managed this interesting patient as a chief resident at SPH & repoted it as a reminder of the fact that Sir William Osler labelled TB & Syphillis as ' the great mimics of disease'. Primary author.
6. Yakel DB, **Panton ONM**, Martin DJ, Lee D. Splenic pregnancy – a case report. *Obstet Gynecol* 1988; 71:471-473.
*I was consulted intra-operatively on this patient undergoing exploratory laparotomy for a ruptured ectopic pregnancy. The pelvis was normal, the patient had a ruptured ectopic splenic pregnancy & splenectomy was performed.
When this report was published there were less than 10 published cases.*

7. **Panton ONM**, Panton RJ. Laparoscopic hernia repair. *Am J Surg* 1994; 176:535-537.
I performed the first laparoscopic inguinal hernia repair in British Columbia in 1992 subsequently publishing this initial case series.
I indicated that the primary indications for laparoscopic repairs were bilateral & recurrent hernias, a fact that has been substantiated by current level 1 evidence.
I also noted the significant incidence of the occult contralateral hernias & that single open repairs in females potentially produced a better cosmetic result. Primary author.
8. **Panton ONM**, Nagy AG, Scudamore C, Panton RJ. Laparoscopic cholecystectomy: a continuing plea for routine cholangiography. *Surg Laparosc Endosc* 1995; 5:43-49.
I routinely performed routine cholangiography during the era of open cholecystectomy. This was standard practice at the UBC teaching hospitals.
I continued to perform routine cholangiography when I introduced laparoscopic cholecystectomy in my practice in 1991 making a plea for this procedure in this paper.
This became a highly debated issue in the mid-1990's despite the fact that the introduction of laparoscopic cholecystectomy internationally was attended by a significant increase in bile duct injuries. No injuries were reported in this series of more than 230 patients.
This series also included a female undergoing laparoscopic cholecystectomy during the 2nd trimester of pregnancy subsequently delivering a healthy infant. This was amongst the earliest literature reports.
The current surgical literature has demonstrated lower bile duct injuries amongst surgeons who perform routine cholangiography & the pendulum has swung towards routine cholangiography amongst American surgeons. Primary author.
9. **Panton ONM**. Laparoscopic cholecystectomy: an argument for routine cholangiography. *British Columbia Medical Journal* 1995; 37:694-696.
In this paper I continue the above plea. Primary author.
10. **Panton ONM**, Samson C, Segal J, Panton R. A four year experience with laparoscopy in the management of appendicitis. *Am J Surg* 1996; 171:538-541.
Anticipating that laparoscopic appendectomy (LA) would promote faster recovery of patients I introduced this procedure in my practice in 1991. The safety of the procedure was documented in the literature at that time, 10 years previously LA had also been reported to be safe during pregnancy (K. Semm, Germany).
I wrote this paper reporting a 4 year experience demonstrating shorter hospital stays & reduction in wound sepsis in patients undergoing the laparoscopic versus the open procedure.
LA is the currently standard of care at the Vancouver General Hospital. Primary author.
11. Karim SS, **Panton ONM**, Finley RJ, et al. Comparison of total versus partial laparoscopic fundoplication in the management of gastroesophageal reflux disease. *Am J Surg* 1997; 173:375-378.
I performed the first laparoscopic Nissen fundoplication in BC in 1992. The procedure had been reported in the North American literature the previous year.
Dr. Richard Finley & I collaborated to produce this case series comparing 2 different techniques.
The outcomes for partial versus total fundoplication were comparable & hospitalization was reduced by more than 70% in comparison to open procedures.
12. **Butterworth SA**, **Panton ONM**, Klaassen DJ, Shah AM, et al. Morbidity and mortality associated with intraperitoneal chemotherapy for Pseudomyxoma peritonei. *Am J Surg* 2002; 183:529-532.
A significant number of the patients reported in this series were under my care.
13. **Meneghetti AT**, Meloche RM, Wilkins GE, Nimmo March, Berean KW, **Panton ONM**. Laparoscopic adrenalectomy: Initial experience at the University of British Columbia. *Surg Endosc* 2003; Special Abstract issue. Supp to vol 17:03 S 310.
Dr. Mark Meloche & I developed MIS adrenal surgery at the OBCH in 2000. I supervised Dr. Meneghetti during his research year resulting in the completion of this project.

14. Kim PT, Kreisman SH, Vaughn R, **Panton ONM**. Laparoscopic adrenalectomy for pheochromocytoma in pregnancy. *Can J Surg* 2006; 49(1):621-63.
I introduced laparoscopic adrenalectomy in my practice in 2000 acquiring experience with small benign tumours before attempting more complex cases.
The management of this patient required a multi-disciplinary team timing the surgery during the 3rd trimester. The patient subsequently giving birth to a healthy infant.
15. Hwang H, Lim J, Kinnaird C, Nagy AG, **Panton ONM**, Hodgson AJ, Qayumi KA. Correlating motor performance with surgical error in laparoscopic cholecystectomy. *Surg Endosc* 2006; 20(4):651-655.
My Surgical colleagues & I collaborated with the UBC Mechanical Engineers performing the operative procedures which were analyzed to produce this paper.
16. Chan JE, Meneghetti AT, Meloche RM, **Panton ONM**. Prospective comparison of early and late experience with laparoscopic adrenalectomy. *Am J Surg* 2006; 191(5):682-686.
Dr. Mark Meloche & I introduced laparoscopic adrenalectomy at the UBC Hospital site in 2000. This was the first time that this surgery was performed in Vancouver.
We reported prospectively collected data with superb outcomes. Complications were minimal & hospitalization was reduced by more than 80%.
17. Cristancho SM, Hodgson AJ, Pachev G, Nagy A, **Panton ONM**, Qayumi K. Assessing cognitive & motor performance in minimally invasive surgery (MIS) for training & tool design. *Stud Health Technol Inform* 2006; 119:108-113.
This was part of a series of collaborative studies between the UBC General Surgery Division & the UBC Mechanical Engineers. I was the surgical supervisor for the Graduate Student.
18. Cristancho SM, Hodgson AJ, **Panton ONM**, Meneghetti AT, Qayumi K. Feasibility of Using Intraoperatively-acquired Quantitative Kinematic Measures to Monitor Development of Laparoscopic Skills. *Stud Health Technol Inform* 2007; 125:84-90.
Papers 15, 17, 18 & 20 represent collaborative studies between the UBC Division of General Surgery & the UBC Mechanical Engineers resulting in major paper publications.
These studies demonstrate that objective intraoperative measurement of surgical behaviour is feasible & can be used to test trainee skill acquisition progressively.
19. Sampath S, Meneghetti AT, MacFarlane JK, Nguyen NH, Benny WB, **Panton ONM**. An 18-year review of open and laparoscopic splenectomy for idiopathic thrombocytopenic purpura. *Am J Surg* 2007;193(5): 580-3.
I introduced laparoscopic splenectomy at the UBC Hospital site in 2000. We collaborated with our haematology colleagues to address the issue of missed accessory spleens demonstrating that this was not a factor in the laparoscopically managed patients.
Laparoscopic splenectomy had a profound impact with respect to reducing the need for transfusion & length of stay in these patients.
20. Cristancho S, Hodgson A, **Panton ONM**, Meneghetti A, Warnock G, Qayumi K. Intraoperative monitoring of laparoscopic skill development based on quantitative measures. *Surg Endosc* 2009;23(10):2181-90.
Part of the collaborative series.
21. Rowe A, Schumacher P, **Panton ONM**, Chung S et al. Perioperative Analysis of Laparoscopic vs Open Liver Resection. *Surg Endosc* 2009;23(6):1198-203.
I assisted my hepatobiliary colleagues with the introduction of laparoscopic liver resections at the VGH site in 2004. Published data show improved outcomes in the laparoscopic group with respect to safety & reduction in length of stay.
The UBC Division of General Surgery at VGH was the first Canadian centre to perform this surgery.

22. Birch D, Bonjer J, Crossley C, Burnett B, de Gara C, Gomes A, Maciver A, Mercer C, **Panton ONM**, Schlachta C, Smith A, Warnock G; Consensus Panel Members. Canadian Consensus Conference on the Development of Training & Practice Standards in Advanced Minimally Invasive Surgery: Edmonton, AB, June 1, 2007. *Can J Surg* 2009;52(4):321-327.
Advanced Laparoscopic Surgery has not been widely adopted in Canada.
This group met to address this issue & offer solutions to improve delivery of care to patients by providing better training for practicing surgeons & surgical residents in order to acquire skills for adopting advanced laparoscopic & endolumenal procedures.
23. Hameed M, Brenneman F, Ball C, Pagliarello J, Razek T, Parry N, Widder S, Minor S, Buczkowski A, Macpherson C, Johner A, Jenkin D, Wood L, McLoughlin K, Anderson I, Davey D, Zabolotny B, Bracken J, Nathens A, Ahmed A, **Panton ONM**, Warnock G. General surgery 2.0: The Emergence of Acute Care Surgery in Canada. *Can J Surg* 2010;53(2):79-83.
I was invited to join the GAGS Inaugural Acute General Surgery Summit to discuss the emergence of Acute Care Surgery in Canada at the CSF in Victoria, BC, on September 9, 2009. I formed an Acute Care Service at VGH in January 2007 & contributed to the publication of this paper.
24. Wood L, Buczkowski A, **Panton ONM**, Sidhu R, Hameed M. Effects of Implementation of an Urgent Surgical Care Service on Subspecialty General Surgery Training. *Can J Surg* 2010;53(2):119-25.
I reconfigured the VGH General Surgery subspecialty services in 2004. Residents were on day emergency call while on subspecialty rotations. This interfered with training subspecialty surgery & I implemented an acute care surgery service in January 2007 with residents assigned to this service covering the week day call & residents on subspecialty services provided night & weekend service. This had the expected effect of improved subspecialty training as shown in the outcomes of this study.
25. Augestad K, Lindsetmo R-O, Stulberg J et al. International Preoperative Rectal Cancer Management: Staging, Neoadjuvant Therapy & Impact of Multidisciplinary Teams. *World J Surg* 2010;34(11):2689-2700.
I participated in this international study & am listed as such in the appendix.
26. Swanson T, Meneghetti A, Sampath S, Connors J, **Panton ONM**. Hand-assisted Laparoscopic Splenectomy vs Open Splenectomy for Massive Splenomegaly: 20-year Experience at a Canadian Centre. *CJS* 2011; 54(2):44109 (Epub ahead of print).
I developed the technique for hand-assisted laparoscopic splenectomy at the UBC Hospital beginning in 2000. With experience more difficult cases were performed & we currently perform for spleens as large as 36 cm & weighing as much as 3-3.5 kg.
27. Zheng B, Swanstrom L, Meneghetti A, **Panton ONM**, Qayumi K. Quantifying Surgeon's Contribution to Team Effectiveness on a Mixed Team with a Junior Surgeon. *Surgery* 2011 Apr 22. [Epub ahead of print].
This was a collaborative international study to further evaluate the influence of experienced surgeons on team performance.
28. Zheng B, Tien G, Atkins S, Swindells C, Tanin H, Meneghetti A, Qayumi K, **Panton ONM**. Surgeon's Vigilance in the Operating Room. *AJS* 2011;201(5):667-671.
Throughout my career I have been acutely aware of the negative impact of fatigue & distractions on surgical performance. This study deployed an eye tracking system to evaluate surgeon response to changes in the patient's condition while focusing on the operative task in a simulated environment.
29. Zheng, B, Cassera M, Swanstrom L, Meneghetti M, **Panton ONM**, Qayumi K. Maintaining Forward View of the Surgical Site for Best Endoscopic Practice. *Stud Health Technol Inform* 2011;163:743-8.
In this international collaborative study surgeons were required to perform an aiming & pointing task under two experimental conditions: forward vs retroflexed view. Both novices & surgeons had longer task times in the retroflexed view.

30. Zheng B, Reider E, Cassera M, Martinec D, Lee G, **Panton ONM**, Park A, Swamstrom L, Quantifying Mental Workloads of Surgeons Performing Natural Orifice Translumenal Endoscopic Surgery (NOTES) Procedures. Surg Endosc 2011 Nov 4. [Epub ahead of print].
I participated in this multi-centre trial completing the benchtop model. NOTES increases the technical degree of difficulty for task completion & we demonstrated increased mental workload for the surgeon.
 31. Meneghetti A, Pachev G, Zheng B, **Panton ONM**, Qayumi K. Objective Assessment of Laparoscopic Skills: Dual-Task Approach. Surg Innov 2011 Dec 19. [Epub ahead of print].
Distractions are a potential cause of operative errors. I am a staunch advocate for minimizing intraoperative distractions & in this study we demonstrated that expert surgeons are capable of maintaining performance levels despite the presence of distractions.
 32. Armstrong D, Barkun A, Carter R, de Gara C, Dube C, Enns R, Hollingworth R, MacIntosh D, Borgaonkar M, Forget S, Leontiadis G, Meddings J, Cotton P, Kuipers E, Valori R, (Appendix voting participants **Panton ONM**). Canadian Association of Gastroenterologists Consensus Guidelines on Safety & Quality Indicators in Endoscopy. Can J Gastroenterol 2012;26(1):17-31.
CAG & CAGS collaborated to establish these guidelines. I was a CAGS voting participant spending one year with the working group to identify process & indicators for quality & safety in endoscopy service delivery.
 33. Daigle C, Meneghetti A, Lam L, **Panton ONM**. Laparoscopic Management of Gastrointestinal Stromal Tumours: A Review at a Canadian Centre. Can J Surg 2012;55(2):105-109.
I initiated MIS sleeve gastrectomy for GIST of the stomach in 2000. This resulted in significant quality improvements with the MIS group having short hospitalization & no major complications.
 34. Zheng B, Jiang X, Tien G, Meneghetti A, **Panton ONM**, Atkins MS. Workload Assessment Of Surgeons: Correlation Between NASA TLX and Blinks. Surg Endosc 2012 Apr 24. [Epub ahead of print].
The surgeons (ONMP & AM) pioneered the use of eye tracking technology during live surgery. This has major future applications in training & evaluating practicing surgeons.
 35. Khan R, Tien G, Atkins M, Zheng B, **Panton ONM**, Meneghetti A. Analysis of Eye Gaze: Do novice Surgeons Look at the Same Location as Expert Surgeons During Laparoscopic Surgery? Surg Endosc 2012 Jun 26. [Epub ahead of print].
The pioneering research of two surgeons (ONMP & AM) with analysis of eye gaze was utilized to compare expert surgeon gaze to novices from data collected during live surgery demonstrating a significant difference in gaze pattern.
 36. Zheng B, **Panton ONM**, Al-Tayeb T. Operative Length Independently Affected by Surgical Team Size: Data from 2 Canadian Hospitals. Can J Surg 2012;55(6):371-376.
Team composition is vital to efficacious completion of surgical procedures & improved OR efficiency. 587 of my patients at the VGH/UBCH sites were analyzed over one year. Adding one team member predicted a 7 minute increase in procedure time& negatively impacts surgical performance.
- (b) *Conference Proceedings*
1. **Panton ONM**, Atkinson KG, Crichton EP, et al. Mechanical preparation of the large bowel for elective surgery: a prospective randomized study. Paper presented at the North Pacific Surgical Association Meeting, Tacoma, WA, USA, November 1984.
 2. **Panton ONM**, Panton RJ. Laparoscopic hernia repair. Paper presented at the North Pacific Surgical Association Meeting, Vancouver, BC, Canada, November 1993.

3. **Panton ONM**. Laparoscopic cholecystectomy: an argument for routine cholangiography. Paper presented at the Laparoscopic and Endoscopic Surgery Post Graduate Course, Royal College of Physicians and Surgeons of Canada Meeting, Toronto, ON, Canada, September 1994.
4. **Panton ONM**, Samson C, Segal J, Panton R. Laparoscopy in the management of appendicitis; A Four Year Experience. Paper presented at the North Pacific Surgical Association Meeting, Victoria, BC, Canada, November 1995.
5. Karim S, Finley R, **Panton ONM**, et al. Comparison of total vs partial laparoscopic fundoplication in the management of gastroesophageal reflux surgery (GERD). Paper presented at the North Pacific Surgical Association Meeting, Seattle, WA, USA, November 1996.
6. Butterworth S, McGregor GI, **Panton ONM**. Pseudomyxoma Peritonei: Treatment Associated Morbidity. Paper presented at the North Pacific Surgical Association Meeting, Victoria, BC, Canada, November 2001.
7. Meneghetti A, Meloche M, Wilkins GE, Nimmo M, Berean K, **Panton ONM**. Laparoscopic Adrenalectomy Initial Experience at University of British Columbia. Poster presentation, Society of American Gastrointestinal and Endoscopic Surgeons, Los Angeles, CA, USA, March 12-15, 2003.
8. Lim J, Kinnaird C, Hwang H, Hodgson AJ, Nagy AG, **Panton ONM**. Objective Multi-Modal Surgical Performance Analysis. Poster presentation, Society of American Gastrointestinal and Endoscopic Surgeons, Denver, CO, USA, March 31-Apr 3, 2004.
9. Cristancho SM, Hodgson AJ, Pachev G, Nagy A, **Panton ONM**, Qayumi K. Assessing cognitive & motor performance in minimally invasive surgery (MIS) for training & tool design. 14th Annual Medicine Meets Virtual Reality Conference, Long Beach, CA, USA, January 24-27, 2006.

(c) *Other*

2. NON-REFEREED PUBLICATIONS

(a) *Journals*

(b) *Conference Proceedings*

1. **Panton ONM**. Endoscopic surgery in the South Fraser. South Fraser Hospitals First Annual Clinical Meeting, Surrey, BC, Canada, September 1995.
2. **Panton ONM**. Laparoscopic bowel surgery. Presentation at the Canadian Society of Gastroenterology Nurses and Associates: GI '95 The Inside Tract, Vancouver, BC, Canada, September 1995.
3. Karim S, Finley R, **Panton ONM**, et al. Early experience with laparoscopic anti-reflux surgery for treatment of gastroesophageal reflux disease. Paper presented at the 19th Annual Surgical Residents Day UBC, Vancouver, BC, Canada, April 1996.
4. **Panton ONM**. Laparoscopic surgery – Boldly going where no-one has gone before. Presentation at the 34th Annual Post Graduate Review in Family Medicine, UBC, Vancouver, BC, Canada, March 12, 1999.
5. Meneghetti A, Meloche M, Wilkins GE, Nimmo M, Berean K, **Panton ONM**. Laparoscopic Adrenalectomy Initial Experience at University of British Columbia. Paper presented at the 25th Annual Surgical Residents Day, UBC, Vancouver, BC, Canada, April 18, 2002.

6. Jangra D, **Panton ONM**. Laparoscopic Splenectomy Initial Experience at Vancouver Hospital Health Sciences Centre/UBC Site. Paper presented at the 25th Annual Surgical Residents Day, UBC, Vancouver, BC, Canada, April 18, 2002.
7. **Panton ONM**. Surgical Management of GERD. Okanagan Summer in the Valley Educational Event, Kelowna, BC, Canada, July 28, 2002.
8. Hwang H, Lim J, Nagy AG, **Panton ONM**, Kinnaird C, Hodgson AJ, Qayumi K. Correlating motor performance with surgical error in laparoscopic cholecystectomy. Paper presented at the 27th Annual Surgical Residents Day, UBC, Vancouver, BC, Canada, April 28, 2004.
9. Piper H, MacFarlane J, Nagy AG, **Panton ONM**. The effect of structured training outside the operating room on laparoscopic knowledge and skills acquisition. Paper presented at the 27th Annual Surgical Residents Day, UBC, Vancouver, BC, Canada, April 29, 2004.
10. **Panton ONM**. Laparoscopic Hernia Repair: TAPP. Paper presented at UBC Advances in Hernia Repair Symposium, Vancouver, BC, Canada. December 8, 2007.

(c) *Other*

1. **Panton ONM**. The Miniaturization of Laparoscopic Surgery. City Wide Rounds, Division of General Surgery, Department of Surgery, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada, June 10, 1998.
2. **Panton ONM**. Laparoscopic inguinal hernia repair. Video Symposium, Royal College of Physicians and Surgeons of Canada Meeting, Edmonton, AB, Canada, September 23, 2000.
3. **Panton ONM**. Laparoscopic Ileo-caecal Resection. CAGS Symposium: Instructional Video Session. Canadian Surgical Forum, Calgary, AB, Canada, September 9, 2006.
4. **Panton ONM**. Repairing Groin Hernias. On-line article on Men's Health, in association with the MediResource Clinical Team.

3. ABSTRACTS

1. Mechanical Preparation of the Large Bowel for Elective Surgery: A Prospective Randomized Study. **Panton ONM**, Atkinson K, Creighton E. Podium presentation, NPSA Meeting November 9, 1984, Tacoma, WA, USA.
2. Laparoscopic Cholecystectomy During Pregnancy. **Panton ONM**, Forward A, Nagy A. Podium presentation BC surgical Society Meeting, May 1992, Victoria, BC, Canada.
3. Laparoscopic Hernia Repair in 100 Consecutive Patients. **Panton ONM**. Podium Presentation, BC Surgical Society Meeting, May 1993, Harrison, BC, Canada.
4. Laparoscopic Hernia Repair. **Panton ONM**, Panton R. Podium presentation, Canadian Society of Laparoscopic & Endoscopic Surgery Meeting, September 1993, Vancouver, BC, Canada.
5. Laparoscopic Hernia Repair. **Panton ONM**, Panton R. Podium presentation, NPSA Meeting, November 1993, Vancouver, BC, Canada.

6. Laparoscopy in the Management of Appendicitis: A Four Year Experience. **Panton ONM**, Samson C, Segal J, Panton R. Podium presentation, BCSS Meeting, May 1995, Campbell River, BC, Canada.
7. Early Experience with Laparoscopic Anti-reflux Surgery for the Treatment of GERD. Karim S, Finley R, **Panton ONM**. Podium presentation UBC Surgical Residents Research Day, April 1996, Vancouver, BC Canada.
8. Early Experience with Laparoscopic Antireflux Surgery fir the Treatment of GERD. Karim S, Finley R, **Panton ONM**. Podium presentation BCSS Meeting, May 1996, Harrison, BC Canada.
9. An argument for Routine Cholangiography During Laparoscopic Cholecystectomy. **Panton ONM**. Podium presentation, BCSS Meeting, May 1996, Harrison, BC, Canada.
10. Comparison of Total vs Partial Laparoscopic Fundoplocation. Karim S, Finley R, **Panton ONM**. Podium presentation at NPSA Meeting, November 8, 1996, Seattle WA, USA.
11. Laparoscopic Surgery-Boldly Going Where No-one H Gone Before. **Panton ONM**. Podium presentation at the 34th Annual Postgraduate Review in UBC Family Medicine, March 12,1999, Vancouver, BC, Canada.
12. Pseudomyxoma Peritonei: A Case Study. Butterworth S, **Panton ONM**. Podium presentation BCSS Meeting, March 16, 2001, Kamloops BC, Canada.
13. Laparoscopic Colorectal Surgery. **Panton ONM**. Podium presentation BCSS Meeting, March 17, 2001, Kamloops, BC Canada.
14. Pseudomyoxma Peritonei: Treatment Associated Morbidity. Butterworth S, McGregor G, **Panton ONM**. Podium presentation at the NPSA Meeting, November 9, 2001, Victoria, BC, Canada.
15. Laparoscopic Adrenalectomy: Initial Experience at the University of British Columbia. Meneghetti M, Meloche M, Wilkins G, Nimmo M, Berean K, **Panton ONM**. Podium presentation at UBC Surgical Residents Research Day, April 18, 2002, Vancouver, BC, Canada.
16. Laparoscopic Splenectomy: Initial Experience at the UBC Hospital. Jangra D, **Panton ONM**. Podium presentation at UBC Surgical Residents Research Day, April 18, 2002, Vancouver, BC, Canada.
17. Laparoscopic Adrenalectomy: Initial Experience at UBC. Meneghetti A, Meloche M, Wilkins G, Nimmo M, Berean K, **Panton ONM**. Podium presentation at BCSS Meeting, May 11, 2002, Nanaimo, BC, Canada.
18. Laparoscopic Splenectomy: The UBC Experience. Jangra D, MacFarlane J, McGregor G, Nagy A, **Panton ONM**. Podium presentation at BCSS Meeting May 9, 2003 Whistler, BC, Canada.
19. The Effect of Structured Training Outside the Operating Room on Laparoscopic Knowledge & Skills Acquisition. Piper H, MacFarlane J, Nagy A, Qayumi K, **Panton ONM**. Podium presentation at UBC Surgical Residents Research Day, April 29, 2004, Vancouver, BC, Canada.
20. Establishing a Skills Training Program at UBC. Piper H, Nagy A, Qayumi K, MacFarlane J, **Panton ONM**. Podium presentation at the BCSS Meeting, May 14, 2004, Kelowna, BC, Canada.
21. Laparoscopic Inguinal Hernia Repair: Outcomes & Indications. **Panton ONM**. Program Chair, Podium presentation Hernia Symposium, BCSS Meeting, May 15, 2004, Kelowna, BC, Canada.
22. Correlating Motor Performance with Surgical Error in Laparoscopic Cholecystectomy. Hwang H, Lim J, Kinnard C, Nagy A, **Panton ONM**, Hodgson A, Qayumi K. Podium presentation at UBC Surgical Residents Research Day, April 28, 2005, Vancouver, BC, Canada.

23. Training Techniques for Acquisition of MIS Skills. **Panton ONM**. Podium presentation at the Surgeon's Travel Club, April 30, 2005, Vancouver, BC, Canada.
24. Correlating Motor Performance with Surgical Error in Laparoscopic Cholecystectomy. Hwang H, Lim J, Kinnard, C, Nagy A, **Panton ONM**, Hodgson A, Qayumi K. Podium presentation at BCSS Meeting, May 13, 2005, Parksville, BC, Canada.
25. Prospective Comparison of Early & Late Experience with Laparoscopic Adrenalectomy. Chan J, Meneghetti A, Meloche M, **Panton ONM**. Podium presentation at NPSA Meeting, November 12, Vancouver, BC, Canada.
26. Assessing Cognitive & Motor Performances in Minimally Surgery for Training & Tool Design. Cristancho S, Hodgson A, Pachev G, Nagy A, **Panton ONM**, Qayumi K. Podium presentation at TARTC 14th Annual Medicine Meets Virtual Reality Meeting, January 27, 2006, Long Beach, CA, USA.
27. Bariatric Surgery in British Columbia. Meneghetti A, Meakin C, **Panton ONM**, Warnock G. Podium presentation at BCSS Meeting, March 17, 2006, Sun Peaks, BC, Canada.
28. Do We Miss Accessory Spleens? An 18-year Review of Open & Laparoscopic Splenectomy for ITP. Sampath S, Meneghetti A, MacFarlane J, Babcock C, Jangra J, Benny B, **Panton ONM**. Podium presentation at NPSA Meeting, November 10, 2006, Spokane, WA, USA.
29. Feasibility of Using Intraoperatively-acquired Quantitative Kinematic Measurements to Monitor Motor Development of Laparoscopic Skill. Criatabcho S, Hodgson A, **Panton ONM**, Meneghetti A, Warnock G, Qayumi K. Podium presentation at BCSS Meeting, May 11, 2007, Victoria, BC, Canada.
30. Laparoscopic Hepatic Surgery. Meneghetti A, Chung S, **Panton ONM**. Podium presentation at the BCSS Meeting, May 11, 2007, Victoria, BC, Canada.
31. Intraoperatively-acquired Objective Measures to Monitor Laparoscopic Skills. Cristancho S, Meneghetti A, **Panton ONM**, Warnock G, Hodgson A. Podium presentation at SAGES Meeting, April 11, 2008, Philadelphia PA, USA.
32. Hand-assisted Splenectomy is the Superior approach for Spleens Over 20cm in Length. Swanson T, Sampath S, Meneghetti A, Connors J, **Panton ONM**. Podium presentation at UBC Surgical Residents Research Day, April 24, 2008, Vancouver, BC, Canada.
33. Perioperative Analysis of Laparoscopic vs Open Liver Resections. Rowe A, Schumacher A, Buczkowski A, Meneghetti A, **Panton ONM**, Scudamore C, Chung S. Podium presentation at UBC Surgical Residents Research Day, April 24, 2008, Vancouver, BC, Canada.
34. Laparoscopic Splenectomy is the Superior Approach in Spleens Over 20cm in Length. Swanson T, Sampath S, Meneghetti A, Connors J, **Panton ONM**. Podium presentation at Review in the Rockies, CAGS, Alberta Association of General Surgeons & BC Surgical Society Meeting, February 13, 2009, Banff, AB, Canada.
35. Perioperative Analysis of Laparoscopic vs Open Liver Resections: Are Laparoscopic Liver Resections Cost Effective? Rowe A, Schumacher A, Buczkowski A, Meneghetti A, **Panton ONM**, Scudamore C, Chung S. Podium at Review in the Rockies, CAGS, AAGS, & BCSS Meeting, February 13, 2009, Banff, AB, Canada.
36. Laparoscopic Splenectomy is the Superior Approach in Spleens Over 20 cm in Length. Swanson T, Sampath S, Meneghetti A, Connors J, **Panton ONM**. Podium presentation at the SAGES Meeting, Phoenix AZ, USA.

37. Quantifying Mental Workloads of Performing NOTES During a Learning Process. Zheng B, Spaun G, **Panton ONM**, Swanson L. Podium presentation at the SAGES/ASGE International Conference on NOTES, July 10, 2009, Boston MS, USA.

38. Surgeon's Vigilance in the OR. Zheng B, Tien G, Daidle C, Atkins M, Tanin H, Swindells C, Meneghetti A, **Panton ONM**, Qayumi K. Podium presentation at NPSA Meeting, November 13, 2010, Tacoma, WA, USA.

39. Maintaining Forward View of the Surgical Site for Best Endoscopic Practice. Zheng B, Cassera M, Swanstrom L, Meneghetti A, **Panton ONM**, Qayumi K. Podium presentation at MMVR Meeting, February 11, 2011, Newport Beach CA, USA.

40. Quantifying Mental Workload of Surgeons Performing NOTES Procedures. Zheng B, Rieder E, Swanstrom L, Meneghetti A, **Panton ONM**. Podium presentation at the SAGES Meeting, April 1, 2011, San Antonio, TX, USA.

41. The Ability to Check Patients Condition is Affected by Surgeon's Seniority in the OR. **Panton ONM**, Meneghetti A, Zheng B. Podium presentation at the BCSS Meeting, May 6, 2011, Parksville, BC, Canada.

42. Workload Assessment of Surgeons: Correlation Between NASA TLX & BLINKS. Zheng B, Jiang X, Tien G, Meneghetti A, **Panton ONM**, Atkins S. Podium Presentation at SAGES March 8, 2012, San Diego, CA, USA.

43. Analysis of Eye Gaze: Do Novice Surgeons Look at the Same Location as Expert Surgeons During a Laparoscopic Operation? Khan R, Tien G, Atkins S, Zheng B, **Panton ONM**, Meneghetti A. UBC & SFU. Podium Presentation at SAGES March 9, 2012, San Diego, CA, USA.
44. Timing of Cholecystectomy after Endoscopic Sphincterotomy for Mild Biliary Pancreatitis. Mador B, **Panton ONM**, Hameed M. Podium Presentation, UBC Surgical Residents' Research Day, May 9, 2013, Vancouver, BC, Canada.

4. **MANUSCRIPTS**

1. **Discussant.** Laparoscopic Hill repair: the first 40 cases. Aye r, Hill L et al. North Pacific surgical Association Meeting, November 1993, Vancouver, BC, Canada.
2. **O. N. M. Panton.** RCPSC Annual Meeting. Laparoscopic & Endoscopic Surgery PG Course. Podium presentation: Laparoscopic cholecystectomy: An argument for routine laparoscopic cholangiography. September 1994, Toronto, ON, Canada.
3. **Discussant.** The role of laparoscopy in anterior spinal surgery. Zelco J et al. NPSA meeting November 1994, Coeur D'Alene, ID, USA.
4. **Discussant. O. N. M. Panton.** Laparoscopic common bile duct exploration in the management of choledocholithiasis. NPSA meeting November 12, 1999, Vancouver, BC, Canada.
5. **O. N. M. Panton.** UBC Laparoscopic Colectomy Course. Podium Presentation: Laparoscopic techniques in colorectal surgery. October 1, 2004 SPH, Vancouver, BC, Canada.
6. **O. N. M. Panton.** UBC Laparoscopic Colectomy Course. Podium Presentation: Laparoscopic training. June 10, 2005, SPH, Vancouver, BC, Canada.
7. **O. N. M. Panton.** CAGS MIS PG Course. Frontiers in minimally invasive therapies for digestive diseases: evidence & techniques. Podium Presentation: Techniques: vessels first or hand-assist. CSF/World conference of Gastroenterology. September 11, 2005, Montreal, QC, Canada.
8. **O. N. M. Panton.** UBC Laparoscopic Colectomy Course. Podium Presentation: Post-colectomy care pathways. October 14, 2006, CESEI, Vancouver, BC, Canada.
9. **O. N. M. Panton.** CAGS PG Course. MIS surgery for GI disease. Podium presentation: Laparoscopic surgery during pregnancy. September 6, 2007, Toronto, ON, Canada.
10. **O. N. M. Panton.** UBC Laparoscopic Colectomy Course. Podium Presentation: MIS right & transverse colectomy. November 8, 2007, CESEI, Vancouver, BC, Canada.
11. **O. N. M. Panton.** SAGES 2008 PG Course: Challenging Hernias. Podium Presentation: TAPP complicated cases: managing & preventing complications & recurrences. April 9, 2008, Philadelphia, PA, USA.
12. **O. N. M. Panton.** CAGS PG Course: Tips, Tricks & Complications in MIS Surgery. Podium Presentation: Localization of colonic lesions for laparoscopic resection. September 11, 2008, CSF, Halifax, NS, Canada.
13. **O. N. M. Panton.** SAGES Resident workshop, basic laparoscopy & endoscopy: Podium presentations: Why surgeons should do flexible endoscopy.
Laparoscopic cholecystectomy.
Laparoscopic inguinal hernia repair.
May 7-8, 2009, CSTAR, London Health Sciences Centre, London, ON, Canada.
14. **O. N. M. Panton.** CSCRS/CAGS MIS PG Course: Laparoscopic Colorectal Surgery: Tips, Tricks & More. Podium Presentation: Room Organization, Instrumentation & Port Placement. September 10, 2009. CSF, Victoria, BC, Canada.

15. **O. N. M. Panton.** CAGS/BC Surgical Society Symposium: Western Frontiers in Laparoscopic Surgery. Podium Presentation: HALS for the giant spleen. September 11, 2009, Victoria, BC, Canada.
16. **O. N. M. Panton.** CAGS Symposium: In Support of Dedicated Teams for Safe Completion of Advanced MIS. Podium Presentation: Can a dedicated team improve efficiency in the OR? Is it worthwhile? September 4, 2010, Quebec City, QC, Canada.
17. **Discussant.** Implementation of a Standardized Procedural Checklist in a Children's Hospital. Avansino J et al. November 13, 2010, NPSA meeting, Tacoma, WA, USA.
18. **O. N. M. Panton.** SAGES Resident Workshop, Basic Endoscopy & Laparoscopy. Podium Presentation: Laparoscopic Solid Organ Surgery. April 14-15, 2011, CSTAR, London Health Sciences Centre, London, ON, Canada.
19. **O. N. M. Panton.** CAGS MIS PG Course: Hernias & abdominal Wall Reconstruction –What's New in 2012. Podium Presentation: Managing chronic pain following hernia repair. September 13, 2012, Calgary, AB, Canada.

5. **WORK SUBMITTED**

Cholecystectomy after ERCP for biliary pancreatitis. Submitted to NPSA for presentation in November 2013

6. **WORK IN PROGRESS**

Research Projects

20 year review of MIS colorectal surgery experience.