

**THE UNIVERSITY OF BRITISH COLUMBIA*****Curriculum Vitae for Faculty Members***

Date: Aug 16 2011

Initials:

1. **SURNAME:** TEAL  
**FIRST NAME:** PHILIP  
**MIDDLE NAME(S):** AUBREY
2. **DEPARTMENT/SCHOOL:** MEDICINE/NEUROLOGY,  
Associate member, Division of Vascular Surgery,  
Department of Surgery
3. **FACULTY:** MEDICINE
4. **PRESENT Rank** Clinical Professor,  
**SINCE:** 2007  
  
2006  
The Sauder Family and Heart and Stroke Foundation of British Columbia  
Professor in Clinical Stroke Research

5. **POST-SECONDARY EDUCATION**

University or Institution	Degree	Subject Area	Dates
University of Alberta	B.Me.Sc.	Medical Sciences	1968 - 1970
University of Alberta	M.D.	Medicine	1970 - 1974
American Boards of Emergency Medicine	FACEP	Emergency Medicine	1982
Royal College of Physicians & Surgeons of Canada	FRCP(C)	Emergency Medicine	1983
Royal College of Physicians & Surgeons of Canada	FRCP(C)	Neurology	1990

**Special Professional Qualifications**

1. Internship - Royal Jubilee Hospital, Victoria, BC  
Rotating Internship, 1974-1975
2. Residency - University of British Columbia, Vancouver, BC  
Neurology Resident, 1987-1991
3. Fellowship - New England Medical Center, Tufts University, Boston MA  
Cerebrovascular/Stroke Fellowship, 1991-1992
4. American Boards in Emergency Medicine (ABEM) 1983

5. FRCP(C) Emergency Medicine (Canada) 1983
6. FRCP(C) Neurology 1990

## 6. EMPLOYMENT RECORD

(a) *Prior to coming to UBC*

University, Company or Organization	Rank or Title	Dates
Royal Jubilee Hospital	Active Staff	1975-1986
Victoria General Hospital	Associate Staff	1975-1986
Ministry of Health, Province of British Columbia	Senior Medical Consultant	1985-1986
Tufts University School of Medicine/Spalding Rehabilitation Hospital	Instructor/Assistant Director	1991-1992

(b) *At UBC*

Rank or Title	Dates
Associate Staff, Division of Neurology	1992-1995
Active Staff, Division of Neurology	1995-present
Associate Staff, Dept. of Surgery, Division of Vascular Surgery	1996-present
Consulting Staff, B.C. Children's Hospital	1997-present
Director, Vancouver General Hospital Stroke Program	1992-present
Consulting Staff Whistler Medical Clinic	1998- present

## 7. TEACHING

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

Antiplatelet Therapy and antithrombotics

Thrombolysis , tPA, Abciximab, IIb/IIIa antagonists

UBC Recognition of excellence in teaching 1993

Stroke Prevention Strategies for Physicians

Public Awareness Education Regarding Stroke Prevention and Treatment

Acute Stroke Management CME for Physicians

Brain and Behaviour teaching module

Weekly Stroke Rounds for Residents

Office mentor medical students, neurology residents

June, 2007 The Fay R Dirks Award  
For Excellence in Teaching  
University of British Columbia

2007-2008 Best Doctors in Canada

(b) ***Continuing Education Activities***

1. Attendance at weekly Neuroscience Grand Rounds
2. Attendance at weekly Neurology Case Rounds
3. American Academy of Neurology - Annual Meetings
4. Canadian Stroke Consortium – Annual Investigators Meeting
5. Self directed readings
6. American Heart Association - Annual Stroke Meeting
7. National Stroke Association - Annual Meeting (attend every 2 years)
8. European Stroke Association - Annual Meeting
9. Canadian Congress of Neurosciences - Annual Meeting
10. Numerous small CME events annually

Full list available on request. I average over 200 hours per year in CME activities

(c) *Visiting Lecturer (indicate university/organization and dates)*

See Attached

**8. SCHOLARLY AND PROFESSIONAL ACTIVITIES**

(a) *Areas of special interest and accomplishments*

My focus in cerebrovascular disease has been in the areas of stroke prevention, acute stroke management, thrombolysis, antithrombotic therapies, and neuroprotection strategies. I have been extensively involved in the planning, organization, and conduct of clinical trials.

My research activities have focussed on the planning, design, review, and execution of Phase II and Phase III clinical trials. I have served on multiple international steering committees and advisory boards. I have been the Chair of Steering committees, the International PI, have served on the executive triads of steering committees. The Vancouver General Hospital is recognized internationally for the successful conduct of clinical trials both grant funded as well as industry sponsored.

I have served on international, national, and local boards including the International Stroke Society, the World Stroke Federation, the Canadian Stroke Strategy, the Canadian Stroke Consortium, the Western Stroke Society, the Western Vascular Society, the Heart and Stroke Foundation of BC and Yukon, and the BC Stroke Recovery Association. My presentation to the Health Protection Branch resulted in the initial approval for tPA use for acute ischemic stroke in Canada.

On a clinical level, I maintain a busy tertiary stroke referral practice; I developed and continue to

run the VGH Stroke Prevention Clinic. I developed the VGH acute stroke response system. The VGH was the first hospital in Canada to use and approve the use of tPA for acute ischemic stroke. The I am recognized nationally and internationally as a stroke expert as evidenced by my international talks.

I have been continuously engaged in educational efforts at the medical student, resident, and post-graduate level and give more than 50 formal talks on an annual basis. I have given invited talks in Canada, the USA, Italy, France, the UK, Germany, Australian, Japan, China, Taiwan, and Argentina. I have accepted future invitations to speak and chair a session at the World Federation of Neurology in Australia in November 05 and to speak and chair a session in the World Stroke Congress in Cape Town, South Africa in November 2006.

I served as a Co-organizer for the 5<sup>th</sup> World Stroke Congress, served as the local organizing Chairman, and served on the International Scientific Committee. I was the Co-chair of the 8<sup>th</sup> International Symposium Thrombolysis and Acute Stroke Therapy. I continue to be actively involved in the planning and organization of local, national, and international congresses.

#### Participation in Stroke Treatment Trials:

1. Co-investigator - North American Symptomatic Carotid Endarterectomy Trial (NASCET), 1989-1995
2. Participating physician - Asymptomatic Carotid Artery Stenosis Study (ACAS), 1991-1992
3. Co-investigator - CGS-19755 (NMDA antagonist in acute stroke), 1991-1992
4. Co-investigator - Thrombolytic Therapy in acute Thrombotic/Thromboembolic Stroke, 1991-1992.
5. Principal Investigator - Clopidogrel vs Aspirin in Patients at Risk of Ischemic Event (CAPRIE), 1992-1996
6. Principal Investigator - Applaud SKB 1007
7. Principal Investigator (Vancouver Site) - Selfotel (CGS 19755) Trial for Acute Stroke Therapy, 1995-1996
8. Principal Investigator (Vancouver Site) - Prospective Multicenter Dose-Ranging Study of Intra-Arterial Thrombolysis in Acute Middle Cerebral Artery Distribution Thromboembolic Stroke (PROACT 1), 1994-1996.
9. Co-investigator - ACE Trial. NIH, March to November 1995
10. Principal Investigator - North American Symptomatic Carotid Endarterectomy Trial NIH/NINDS (NASCET), 1995-1997
11. Principal Investigator - ANCROD Study, 1996-July 1997
12. Principal Investigator - Eliprodil-LES02, 1996-1997
13. Principal Investigator - FIS-BISS, 1996-1998
14. Principal Investigator - BAYX 3702, 1996-1998
15. Co-Principal Investigator - APPLAUD Trial, 1997
16. Principal Investigator - TAIST TINZAPARIN in Acute Ischemic Stroke-Leo Labs, Sept

1997-June 1999.

17. Principal Investigator - FIBLAST Acute Stroke Study, Wyeth Ayerth 1997-1998
18. Principal Investigator - POST BMS Acute Stroke Trial CN123-011, BMS 1998-2000
19. Principal Investigator - SPARCL Study, 1998-present
20. Principal Investigator - VISP (NIH Funded), 1998-2002
21. Principal Investigator - Citicoline Protocol IP302-018, 1998
22. Principal Investigator - BRAVO – SKB, 1999-2001
23. Principal Investigator - STAT (ANCROD), 1997-1998
24. Principal Investigator - GAINS Americas, Glaxo Welcome June- December 1999
25. Principal Investigator – CLASS 1. ASTRA-Clomethiazole Stroke Trial, 1999
26. Co-Investigator - WASID Study (NIH Funded), 1999-2004
27. Principal Investigator- MATCH. Sanofi-Synthelabo, December 2001-April 2002
28. Principal Investigator - REOPRO Trial in Acute Stroke, June 2000-April 2002
29. Principal Investigator- EKOS IA US Device. EKOS Corp, March 2000-September 2001
30. Co-Investigator - ARGIS 1. TEXAS Biotech, January 2001-May 2002
31. Principal Investigator - E2020 Aricept in Vascular Dementia Eisai, May-December 2002
32. Principal Investigator - CHARISMA. Sanofi-Synthelabo, January 2003
33. Principal Investigator - ARTIST. Yamanouchi, April 2002- February 2003
34. Principal Investigator - Repinotan in the Treatment of Acute Stroke, 2000-2004
35. Principal Investigator - ASTIN, NIF for the Treatment of Acute Stroke (Pfizer), 2000-2001
36. Co-Investigator - IMS, Combined IV/IA t-PA for Stroke, NIH/NINDS 2001
37. Co-Investigator - IMS II NIH/NINDS 2003-2005
38. Principal Investigator - PROACT II Abbott, February 1997-August 1998
39. Principal Investigator - SPORTIF, Thrombin Inhibition in Atrial Fibrillation, 2001-2002
40. Principal Investigator - REACT, ONO-2506, ONO Pharma December 2002-2005
41. Co-Investigator - F7ICH-137. NovoSeven in hemorrhagic stroke, Jan 2003-June 2004
42. Principal Investigator - AbESTT (I) Eli Lilly, June 2000-April 2002
43. Principal Investigator - CHIEF Boehringer-Ingelheim 2004. Cancelled.
44. Principal Investigator – AbESTT (II) Eli Lilly, May 2004

45. Principal Investigator - SAINT (II) AstraZeneca, July 2004
46. Principal Investigator - CHANT AstraZeneca, February 2005
47. Principal Investigator - CHIEF Boehringer Ingelheim, 2004
48. Principal Investigator - V10153 Vernalis. 2005
49. Co-Investigator - F7ICH-1641 NovoNordisk, 2005
50. Principal Investigator - DIAS 2 Forest Research/PAION, 2005
51. Principal Investigator - ACTIVE Sanofi-Synthelabo, 2004
52. Principal Investigator - PREVAIL Sanofi-Aventis, February 2005-May 2005
53. Principal Investigator - CREST NIH, May 2005-Ongoing
54. Principal Investigator - CLOSURE I NMT Medical, December 2004-present
55. Principal Investigator - FASTER, University of Calgary November 2003-present
56. Principal Investigator - Burst Study, Sponsored by Canadian Stroke Network
57. Investigator - FAST NovoNordisk, 2005
58. Principal Investigator - VASST Acute Stroke Trial, Vernalis 2006
59. Principal Investigator - PERFORM Study, Servier 2006
60. Principal Investigator - Carneros Study, Nuvelo 2007
61. Co-investigator - IMS III NIH/University of Cincinnati, 2007
62. Principal Investigator - INTERSTROKE STUDY, McMaster University 2007
63. Principal Investigator - Magellan Trial, 2008
64. Principal Investigator - Stem Cell Research Clinical Trial
65. Principal Investigator - ALIAS 2009
66. Co-investigator - RESPECT

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

<b>Granting Agency</b>	<b>Subject</b>	<b>COMP</b>	<b>\$ Per Year</b>	<b>Year</b>	<b>Principal Investigator</b>	<b>Co-Investigator(s)</b>
Sanofi-Winthrop	CAPRIE study	NC	65,000		Dr. P. Teal	
Abbott	PROACT study	NC	60,000		Dr. P. Teal	Dr. D. Graeb Dr. T. Marotta Dr. J. Lapointe
Ciba-Geigy	Selfotel study	NC	60,000		Dr. P. Teal	Dr. J. Beckman
NIH	NASCET	C	40,000		Dr. P. Teal	
Knoll	ANCROD	NC	20,000	1996	Dr. P. Teal	
Loxex	Eliprodil-LES02	NC	10,000	1996	Dr. P. Teal	
Bayer	BAYX 3702	NC	80,000	1996	Dr. P. Teal	Dr. J. Beckman
Sanofi-Winthrop	FIS-BISS	NC	20,000	1996	Dr. P. Teal	Dr. J. Beckman

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

<b>Granting Agency</b>	<b>Subject</b>	<b>COMP</b>	<b>\$ Per Year</b>	<b>Year</b>	<b>Principal Investigator</b>	<b>Co-Investigator(s)</b>
Bayer	Bay X-3702	NC	\$275,000	1997	Dr. P. Teal	Dr. J. Beckman
Abbott	PROACT Stroke Trial	NC	\$ 60,000	1997	Dr. P. Teal	Dr. D. Graeb
Leo	TINZAPARIN	NC	\$ 10,000	1997	Dr. P. Teal	Dr. J. Beckman
Interneuron	Citicoline	NC	\$150,000	1999	Dr. P. Teal	Dr. J. Beckman Dr. A. Woolfenden
BMS	CN123-011	NC	\$125,000	1999	Dr. P. Teal	Dr. J. Beckman Dr. A. Woolfenden
NIH	VISP	C	\$ 75,000	1999	Dr. P. Teal	Dr. A. Woolfenden
ASTRA	CLOMETHIAZOLE	NC	\$ 25,000	1999	Dr. P. Teal	Dr. A. Woolfenden
GLAXO	GAINS AMERICAS	NC	\$ 50,000	1999	Dr. P. Teal	Dr. J. Beckman Dr. A. Woolfenden
Parke-Davis	SPARCL	NC	\$ 30,000	1999	Dr. P. Teal	Dr. A. Woolfenden

NIH	WASID	C	\$ 30,000	1999	Dr.A.Woolfenden	Dr. P. Teal
SKB	BRAVO	NC	?	1999	Dr. P. Teal	Dr. A. Woolfenden
Bayer	Repinotan	NC	\$250,000	2001	Dr. P. Teal	Dr. A. Woolfenden
NIH	EMS	C	\$ 30,000- \$ 40,000	2001	Dr.A.Woolfenden	Dr. P. Teal
Astra-Zeneca	SPORTIF	NC	\$ 50,000	2001	Dr. P. Teal	Dr. A. Woolfenden

**An update of clinical trial proceeds is under preparation.**

## 9. TALKS

1992-2000                      Talks available upon request

### 2001

January 18-21                      Canadian Stroke Network  
Scottsdale, Arizona  
Case Studies in Stroke

January 30                              St. Vincent's Hospital  
Vancouver, B.C.  
City-Wide Geriatric Rounds  
"Stroke Therapy 2001"

Feb 4                                      Management of Stroke/TIA Made Simple  
University of British Columbia  
12<sup>th</sup> Annual Topics in Internal Medicine for Primary Care Physicians  
Whistler, BC

February 16                              26<sup>th</sup> International Stroke Conference  
Fort Lauderdale, Florida  
Surgical Closure of Patent Foramen Ovale for Stroke Prevention  
Platform Presentation

April 7                                      Cerebrovascular Diseases: Fundamentals and Practice Symposium  
Secondary Stroke Prevention in the New Millennium  
Niagara-on-the-Lake, Ontario

April 20                                      Current Techniques in the Diagnosis and Treatment of Migraine Headaches  
Prince George Regional Hospital  
Prince George, B.C.

May 17                                      Optimal Dosing Strategies for Neuroprotective Therapy  
European Stroke Congress Annual Meeting  
Lisbon, Portugal



- June 15 tPA management in Acute Stroke  
Satellite Symposium  
CCNS Annual Meeting  
Halifax, Nova Scotia
- June 22 Medicine in the 21<sup>st</sup> Century  
University of BC  
Vancouver BC
- September 26 Common Stroke Syndromes  
Heads Up: Neuro update  
UBC Medical Student & Alumni Centre
- December 1 Optimal Antiplatelet therapy  
BC Stroke Day  
Vancouver BC  
Chair, Organizer, speaker

**2002** (incomplete list)

- March 28 Ultrasound accelerated thrombolysis for stroke therapy  
Keynote speaker  
3<sup>rd</sup> International Symposium of Sonodynamic Therapy  
Fukuoka University, Japan
- May 11 Thrombolysis in Acute Ischemic Stroke  
Beijing Neurology Institute  
Beijing, China
- May 14 tPA in Acute Stroke Management  
First Hospital  
Guangzhou Zhongshan University  
Guangzhou, China
- May 17 Thrombolysis in the Management of Acute Stroke  
Shanghai Medical University  
Shanghai
- June 22 Chair, Stroke Care 2002  
Annual Stroke Program  
Canadian Congress of Neurosciences  
Vancouver, BC
- November 2002 Antithrombotic therapy  
Western Canadian Stroke Conference
- Interventional Stroke care  
Western Canadian Stroke Conference

**2003** (incomplete list)

- February 5 Faculty and speaker  
Stroke Management Update, Research Highlights of 2003  
29<sup>th</sup> International Stroke Conference  
American Stroke Association Annual Meeting  
San Diego California
- February 7 The effects of intravenous Repinotan on Acute Ischemic Stroke ( BRAINS)

- Platform presentation  
29<sup>th</sup> International Stroke Conference (American Stroke Association)  
San Diego California
- April Cerebrovascular Case Studies  
Faculty and speaker  
American Academy of Neurology  
Denver, Colorado
- May DESIGN AND RATIONALE FOR THE MODIFICATION OF A RANDOMIZED EXPOSURE  
CONTROL TRIAL OF REPINOTAN IN ACUTE ISCHEMIC STROKE  
  
P. Teal<sup>1</sup>, P. Lyden<sup>2</sup>, M. Hennerici<sup>3</sup>, M. Kaste<sup>4</sup>, S. Davis<sup>5</sup>, K. Sprenger<sup>6</sup>  
Poster Presentation  
European Stroke Congress
- May 7 Migraine – Diagnosis and Management
- June 21 Future Antithrombotic Stroke Therapies  
Stroke Day – Satellite Symposium  
37<sup>th</sup> Meeting of the Canadian Congress of Neurological Sciences  
Quebec City
- June 21 Stroke Prevention, Management of Carotid Stenosis  
Interventional Advances in Neurovascular Diseases  
Annual Stroke Program  
CCNS annual meeting  
Quebec City
- Nov. 28 Antiplatelet therapy  
Western Canadian Stroke Conference
- 2004** (incomplete list)
- January The Critical Headache  
St. Paul's Hospital, Annual Review in Family Practice
- January 17 Current Issues in Antithrombotic Therapy in Stroke  
Eastern Canadian Stroke Conference  
Toronto, Ontario  
  
Management of Hypertension, Hyperglycemia, and Hyperthermia in Acute Stroke  
Eastern Canadian Stroke Conference  
Toronto, Ontario
- January 31 Carotid Disease and Revascularization – What Evidence  
ICWC – Interventional Cardiology Western Canada  
Whistler, BC
- September 11 The MATCH Results – Implications for Care  
International Stroke Experts Workshop  
Mainz, Germany
- June 4 New Frontiers in the Management of Cerebrovascular Disease  
Canadian Society of Internal Medicine  
Annual Scientific Meeting, Quebec City
- June 24 Co Chair Satellite Symposium

- Management of Cerebrovascular patients: New results and perspectives  
World Stroke Congress  
Vancouver, B.C.
- June 24 Chair Satellite Symposium: Where do we stand with Neuroprotection?  
World Stroke Congress  
Vancouver, BC
- June 25 Treating Stroke the Canadian Real World Experience- CASES  
World Stroke Congress  
Vancouver, BC
- June 25 Carotid artery dissection: Experience with stenting in British Columbia, Canada
- June 24 Co Chair Satellite Symposium  
Acute Stroke Management  
World Stroke Congress  
Vancouver, B.C.
- September 11 MATCH results – messages and arguments  
Co-chair and speaker  
New Insights into Stroke Management – Leading Stroke Experts Workshop and Advisory Board  
Ingelheim, Germany
- November 16 Primary Stroke Prevention  
50<sup>th</sup> Annual St. Paul's Hospital CME Course  
Vancouver, B.C.
- 2005**
- February 9 Current Stroke Prevention and Acute Stroke Management  
Journal Club Presentation  
Royal Columbian Hospital. Division of Cardiology
- March 12 Carotid Endarterectomy for Asymptomatic Disease – The Great Debate - Pro  
Annual National Neurology Residents Stroke Education Meeting  
Montreal, Canada
- March 12 Antiplatelet Therapies – The Angst and the Answers  
Annual National Neurology Residents Stroke Education Meeting  
Montreal, Canada
- March 14 New Strategies in Stroke Prevention – Current State of the Art  
Hospital Grand Rounds  
Peach Arch Hospital  
White Rock, British Columbia
- March 17 Stroke Prevention Strategies 2005  
Division of Family Practice  
University of Saskatchewan
- March 18 State of the Art – Stroke Prevention 2005  
Neuroscience Grand Rounds  
University of Saskatchewan  
Saskatoon, Saskatchewan
- May 14 Current Standards in Acute Stroke Management

- B.C. Emergency Physicians Task Force  
Penticton, B.C.
- April 19      Stroke Prevention – New Perspectives  
Internal Medicine Grand Rounds  
Health Sciences Centre  
Department of Medicine  
University of Manitoba  
Winnipeg, Manitoba
- May 10        Stroke Prevention 2005  
Section of Family Practice  
Burnaby General Hospital
- May 16        Neurocare  
Abbotsford General Practitioners
- May 28        Safety and Efficacy of an exposure controlled trial of Repinotan in Acute Ischemic Stroke–  
the mRECT Trial Results  
Scientific Session  
European Stroke Congress, Annual Meeting  
Bologna Italy
- June 11        New Developments in Stroke Prevention  
Western Vascular Society Annual Meeting  
Vancouver, BC
- June 11        Current Management of Acute Stroke  
Western Vascular Society Annual Meeting  
Vancouver, BC
- June 18        Recent Data from Antithrombotic Trials  
40<sup>th</sup> Meeting of the Canadian Congress of Neurosciences  
Ottawa, Ontario
- June 18        Chair, Satellite Program  
High Risk TIA patients  
40<sup>th</sup> Meeting of the Canadian Congress of Neurosciences
- July 30        Keynote speaker  
Antiplatelet therapy in stroke prevention and acute stroke treatment  
Bayer Stroke Forum 2005  
Tokai University Tokai Hospital
- Sept 8         The Role of AT II antagonism in Stroke Prevention  
Veterans General Hospital  
National Yang Ming University  
Kaohsiung, TAIWAN
- Sept 9         Stroke Prevention Guidelines  
Central Taiwan Stroke Society  
Taichung, Taiwan
- September 10      Canadian Guidelines for Hypertension and Stroke Prevention  
Joint Meeting of the Taiwan Stroke Society and Cardiology Society  
Taipei, Taiwan
- September 11      Current Strategies in Acute Stroke Management

Dept. of Neurology  
National Taiwan University Hospital  
Taipei, Taiwan

- September 17 Antithrombotic Angst  
1<sup>st</sup> National Stroke Conference  
Montreal, Quebec
- September 18 Recognition of Subarachnoid Hemorrhage Therapeutic Dilemmas  
1<sup>st</sup> National Stroke Conference  
Montreal, Quebec
- October 1 Stroke Care 2205  
Practical Cardiology  
Faculty of Continuing Education and Faculty of Medicine UBC
- October 2 Stroke Care – Case by Case  
Forefronts of Neurology  
Annual BC Meeting

**2006** (incomplete list)

- January 18 Acute Stroke Management –State of the Art 2206  
Invited speaker  
City Wide Rehabilitation Rounds  
GF Strong
- January 21 Antiplatelet Therapies. Opportunities and Challenges  
Antiplatelet Therapy from a Neurologists Perspective  
London, UK
- Feb 4 Thrombolysis – Intravenous and combined Approaches  
Stroke in Progress Conference  
University of Calgary  
Lake Louise, Alberta
- Feb 24 Mechanisms of Thrombus Formation in Acute Stroke  
6<sup>th</sup> National Residents Stroke Conference  
Canadian Stroke Network, Canadian Stroke Consortium  
Toronto, Ontario
- Feb 25 CT Scan interpretation in acute stroke  
6<sup>th</sup> National Residents Stroke Conference  
Canadian Stroke Network, Canadian Stroke Consortium  
Toronto, Ontario
- April 4 Imaging Based Treatment of Acute Stroke  
Lions Gate Hospital Grand Rounds
- April 13 Stroke Prevention Update 2006 – What's New  
Circolo  
Vancouver BC
- April 22 Antithrombotic Therapy – 2006  
Eastern Stroke Conference  
Toronto, Ontario
- June 20 What is New in Stroke

	Surrey Family Physicians Morgan Creek Club
Sept 16	Acute Stroke Therapy 2006 Second National Stroke Meeting Canadian Stroke Consortium, Canadian Stroke Network Ottawa Ontario
Sept 12	Stroke Prevention 2006 Family Practice Vancouver BC
Sept 13	Stroke Prevention 2006 Case studies, Family Practice Vancouver
Sept 16	Antithrombotic therapy Second National Stroke Meeting Canadian Stroke Consortium, Canadian Stroke Network
Sept 17	Statins in Stroke Prevention – The SPARCL Trial National Atherosclerosis Forum Toronto, Ontario
Sept 26	New Perspectives in Stroke Prevention Surrey Memorial Hospital Grand Rounds
Nov 17	Risk Stratification in TIA patients 52 <sup>nd</sup> Annual St. Paul's Hospital CME
Dec 11	Stroke Prevention Case Studies Abbotsford, BC (General Practice CME)
<b><u>2007</u></b> (incomplete list)	
Jan 16	Stroke Prevention-what's new? Richmond, BC Vancouver, BC
Jan 18	Neuroprotection in Acute Stroke Merck Investigators Meeting Niagara on the Lake
Jan 25	What is New in Stroke General Practice CME Group Coast Inn, Prince George
Jan 26	TIA and Stroke Update General Rounds Prince George Regional Hospital
Feb 23	Carotid Artery Disease Carotid Stenting Course Division of Cardiology Vancouver General Hospital
March 8	Current Concepts in Stroke Prevention

St. Paul's Hospital  
Division of Cardiology Rounds

March 9	Stroke Care 2007 City Wide Nephrology Rounds Vancouver General Hospital
March 13	Antithrombotic Treatment in Stroke and Cardiac Disease Langley BC
March 23	Antithrombotic Therapy in Stroke Prevention National Neurology Residents Annual Stroke Course Canadian Stroke Consortium Toronto, Ontario
April 13	5 <sup>th</sup> Annual Stroke Update Champlain Region Stroke Centre Ottawa, Ontario
May 26	Stroke Prevention 2007- State of the Art Primary Care Conference Burnaby, BC
June 5	Stroke Therapy 2007 – Imaging and Treatment Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting Victoria, BC
June 20	Acute Stroke Management 42 <sup>nd</sup> Canadian Congress of Neuroscience Annual Meeting
Sept 15	1. Antithrombotic Therapy 2. What's not working and how to fix it 3. Acute stroke – Case Studies National Stroke Conference Calgary Alberta
Sept 22	PRoFESS Baseline Data International Stroke Experts Workshop Warsaw, Poland
Sept 28	Stroke 2007 Forefronts of Neurology Whistler BC
Oct 6	Global Burden of Stroke 6 <sup>th</sup> International Experts Forum Rome Italy
Oct 7	North American Experts Forum Novel Antiplatelet Agents Rome, Italy
Oct 20	Improving the Prognosis After Stroke – What is to come? Satellite Symposium Canadian Cardiovascular Congress Ottawa, Ontario

- Nov 24 Antithrombotic Therapy – 2007  
Western Canadian Stroke Conference  
Vancouver, BC
- Dec 7 The Role of the Neurologist  
The Specialist: Managing the Complex Case in the Medical or Legal Setting  
The Lawyers Association of BC and St. Paul's Hospital Pain Centre  
Vancouver, BC
- 2008** (incomplete list)
- March 8 Stroke and Lipids  
Asian Stroke Meeting  
Siem Reap, Cambodia
- June 13 New Evidence in Stroke Prevention  
5<sup>th</sup> Annual Champlain Regional Stroke Update  
Ottawa, Ontario
- June 18 PRoFESS Results and Implications for Practice  
Canadian Neurological Sciences Federation 43<sup>rd</sup> Annual Meeting  
Victoria, British Columbia
- Sept 15 Antithrombotic Therapy Update  
Ontario Stroke Conference  
Toronto Ontario
- Oct 4 Antiplatelet Therapy in Stroke Prevention  
National Stroke Conference  
Toronto, Ontario
- Oct 5 TIA and Stroke Prevention  
21<sup>st</sup> Annual BC College of Family Physicians Annual Scientific Assembly  
Kelowna, British Columbia
- Oct 25 Drugs Active on the RASS system – the Evidence in Stroke Prevention  
Management of High Risk Patients, Recent Advances and Clinical Implications  
Satellite Symposium  
Canadian Cardiovascular Congress Annual Meeting  
Toronto, Ontario
- Oct 25 Oral Antiplatelet Therapy in Stroke Prevention  
The Evolution of Stroke Prevention  
Satellite Symposium  
Canadian Congress of Cardiology Annual Meeting  
Toronto, Ontario
- Oct 30 Carotid Disease – Current Medical and Interventional Management  
Korean Stroke Society Annual Meeting  
Seoul, Korea
- 2009** (incomplete list)
- Sept 24 Migraine & Other Common Headache Disorder - Talk to Tri City GPs  
Coquitlam, BC
- Oct 21 "State of the Art Stroke Prevention"



Burnaby, BC

- Nov 14 6<sup>th</sup> Annual Diabetes Symposium  
"Cerebrovascular Disease & Diabetes"  
Vancouver, BC
- Nov 8 Antiplatelet Update – The Profess Study  
Canadian Stroke Consortium  
Annual Investigators Meeting  
Toronto, Ontario
- Nov 15 Keynote Address: Cerebrovascular Disease and Diabetes  
6<sup>th</sup> Annual Live Well with Diabetes Conference  
University of British Columbia  
Vancouver, BC
- 2010** (incomplete list)
- Jan 13 Stroke Talk  
Audience; Internal Medicine Journal Club  
North Vancouver, BC
- Jan 26 BCSS Telelearning Series  
Co-presenter
- Jan 28 "State of the Art Stroke Prevention"  
Vancouver, BC
- Feb 9 "State of the Art Stroke Prevention"  
Vancouver, BC
- April 28 Current Management of Carotid Disease  
City Rounds, GF Strong
- May 27 "State of the Art Stroke Prevention"  
Victoria, BC
- June 5 Management of Atrial Fibrillation – A Neurologists Perspective  
Toronto, ON
- June 8 Atrial Fibrillation, The Role of Dabigatran  
Quebec City
- Sep 13 "Telestroke and Acute Stroke Management" for the White Rock Emergency Physicians  
and Internists - Vancouver, BC
- Sep 14 "Stroke – Clinical Care & Research" for the Vancouver Hospital Board  
Vancouver, BC
- Oct 16 2010 UBC Atrial Fibrillation Symposium, "Advances in Stroke Prevention in Atrial  
Fibrillation"
- Nov 25 "The Present & Future of Stroke Prevention in Atrial Fibrillation," SHIFT Program

**2011** (incomplete list)

- Feb 2 Stroke Update: Family Physicians  
Vancouver, BC

Feb 3	Stroke Update: Family Physicians Abbotsford, BC
Feb 5	Stroke Update: Family Physicians Burnaby, BC
Feb 8	Stroke Update: Family Physicians Los Angeles, CA
Feb 23	Stroke Update: Family Physicians Surrey, BC
Feb 24	Stroke Update: Family Physicians Victoria, BC
Feb 25	Stroke Update: Family Physicians Kelowna, BC
Jun 15	Cerebral Venous Thrombosis 2011 – invited speaker 46 <sup>th</sup> Congress of Canadian Neurological Sciences Federation Vancouver, BC

(e) *Other Presentations*

See Attached

(f) *Other*

**10. CONFERENCE PARTICIPATION (Organizer, Keynote Speaker, etc.)**

1. Chairman, Conference on Stroke Prevention, Kananaskis, AB - November 1994
2. Chairman, Conference on Threatened Stroke: Spotlight on Prevention, Vancouver B.C. - April 1995
3. Co-Chairman, Acute Stroke: The Brain Attack Paradigm, Montreal PQ - September 1996
4. Chairman, World Congress of Neurology, Stroke Poster Session, Buenos Aires -
5. Co-Chairman, National Stroke Association 3rd Annual Meeting, Montreal, PQ - September, 1997. Thrombolysis in Acute Stroke
6. Chairman, Patent Foramen Ovale and Stroke. American Heart Association Annual Stroke Meeting, Orlando, Florida - April, 1998
7. Chairman, Cerebrovascular Disease Clinical, American Academy of Neurology - April, 1998
8. Speaker, Meeting Highlights Session, American Academy of Neurology 50th Annual Meeting - April, 1998.
9. Co-Chair and Organizer. British Columbia Stroke Meeting Vancouver, B.C. October 1999.
10. Co-Chair and Organize. British Columbia Stroke Meeting Vancouver BC. October 2000.
11. Chair and Organizer  
Implementing Stroke Prevention into Clinical Practice  
June 16, 2001  
Canadian Congress of Neurological Sciences Annual Meeting
12. Co-Chair and Organizer. Western Canadian Stroke Meeting Vancouver BC November 2001
13. Course Organizer and Chair  
Stroke Care 2002 – Prevention and Treatment  
CCNS Annual Meeting and Stroke Teaching Course

- Joint Meeting with the Australian Neurosciences Society  
Vancouver, BC
14. Co-Chair and Organizer. Western Canadian Stroke Meeting  
Vancouver BC November 2002
  15. Co-Chair and Organizer. Western Canadian Stroke Meeting  
Vancouver, BC. November 2003
  16. Co-Chair and Organizer. Western Canadian Stroke Meeting  
Vancouver, BC. November 2004
  17. Co-Chair and organizer  
8<sup>th</sup> International Symposium Thrombolysis and Acute Stroke Therapy  
Whistler, British Columbia
  18. Organizing Committee 5<sup>th</sup> World Stroke Congress  
Vancouver BC.  
June 23-26<sup>th</sup> 2005-08-31
  19. Scientific Program Committee  
5<sup>th</sup> World Stroke Congress
  20. Co-Chair Satellite Symposium  
Management of Cerebrovascular Disease – New results and new perspectives  
5<sup>th</sup> World Stroke Congress  
Vancouver BC  
June 24<sup>th</sup>
  21. Co-Chair, Plenary Session. Acute Stroke  
5<sup>th</sup> World Stroke Conference  
Vancouver Canada  
June 24<sup>th</sup>, 2004
  22. Chair, Satellite Symposium  
Neuroprotective Therapy – Where do we go from here?  
5<sup>th</sup> World Stroke Congress  
Vancouver BC  
June 24<sup>th</sup>, 2004
  23. Chair, Western Canadian Stroke Conference
  24. Planning/curriculum Committee  
November 2004  
Vancouver, BC
  25. Annual National Neurology Residents Stroke Program
  26. First National Stroke Conference  
Content and faculty committee  
Content and curriculum committee  
January, 2005
  27. Leading Stroke Experts Workshop Advisory Board Meeting  
Oct. 6-8, 2005  
Montreal Canada
  25. Co-Chair Teaching Course: Acute stroke and Interventional Stroke  
World Congress of Neurology  
Sydney Australia  
November 6, 2006  
Co-chair and Speaker
  26. Co-Chair Stroke-in-Evolution. Sponsored by University of Calgary  
Lake Louise, Alberta February 3-5, 2006
  27. Planning/curriculum Committee  
Second National Stroke Conference  
Jan. 2006
  28. Planning Committee  
Annual National Neurology Residents Stroke Program  
Oct. 2006  
Speaker: Antithrombotic therapy
  29. Stroke Experts Workshop  
CO-chair and speaker

- ESPRIT study – What does it mean?  
Cape Town, South Africa  
October 24-25<sup>th</sup> 2006
30. Scientific Advisory Committee and meeting planning committee  
World Stroke Conference  
Cape Town South Africa  
Co-Chair Plenary Session – Acute Stroke Management  
Speaker – Management of Physiological Parameters in Acute Stroke  
October 26-29<sup>th</sup>, 2006
31. Meeting Chair and meeting organizer  
Speaker: New Developments in Antithrombotic Therapy  
Western Canadian Stroke Conference – 9<sup>th</sup> Annual  
Vancouver British Columbia  
November 25<sup>th</sup>, 2006
32. TAST – 9<sup>th</sup> Thrombolysis and Acute Stroke Treatment Conference  
Chair – Plenary Session Acute Thrombolysis Treatment  
Speaker – Novel Thrombolytic Agents - Stroke Research  
December 2<sup>nd</sup>, 2006 Chair and Meeting Organizer
33. Chair and Meeting Organizer  
8<sup>th</sup> Annual Western Canadian Stroke Conference  
Vancouver, BC

## 11. **SERVICE TO THE UNIVERSITY**

(a) *Memberships on committees, including offices held and dates*

1. Neurology Residence Committee, Member 1993-2007

(b) *Other service, including dates*

1. Teaching > 50 hours annually
2. Conduct weekly stroke rounds for resident education
3. Annual participation in Brain and Behaviour teaching

(c) Clinical Faculty Committee Representative  
Department of Medicine, 2006-

## 12. **SERVICE TO THE COMMUNITY**

(a) ***Memberships on scholarly societies, including offices held and dates***

1. American Academy of Neurology, 1987 to present
2. American Heart Association - Stroke Council, 1989 to present
3. British Columbia Medical Association, 1975 to present
4. Canadian Medical Association, 1975 to present
5. Canadian Stroke Society - B.C. Delegate & Regional Representative, 1994 to present
6. Canadian Stroke Consortium - Executive Committee, 1994 to present
7. Royal College of Physicians & Surgeons (Canada), 1983 to present
8. International Stroke Society – Board Member 2004-2007
9. World Stroke Federation - Board Member 2004-2007
10. Thrombosis Interest Group of Canada 2003-
11. World Stroke Organization Board Member 2008-

(b) ***Memberships on other societies, including offices held and dates***

1. National/International Advisory Board to the WHO COLLABORATING CENTRE for

- Research on Stroke Prevention and Epidemiology - May 1994 to 1997
2. Board, Stroke Recovery Association of British Columbia 1999 to present
3. Board, Heart and Stroke Foundation of Canada, 2006 -2009

**(c) Memberships on scholarly committees, including offices held and dates**

1. Canadian Stroke Society - B.C. Delegate & Regional Representative, 1994 to present
2. Canadian Stroke Consortium - Executive Committee, 1994-97
3. Canadian Stroke Consortium - Board of Directors, 1997 to present
4. Heart & Stroke Foundation - Grant Review Committee, 1998-99
5. Board Member Heart and Stroke Foundation of BC and the Yukon 2002-5
6. Canadian Stroke Consortium – Vice Chairman 1999-2001
7. Chairman, Canadian Stroke Consortium 2001 to present
8. International Stroke Society Board 2004 to present
9. International Stroke Society Fund Raising Committee 2004 to present
10. International Stroke Society. Interventional Stroke Therapy Committee 2004- present
11. World Stroke Federation Board 2004 to present
12. Western Vascular Society Board, 2004 to present
13. Western Stroke Society Board, 2005 to present
14. International Scientific Program Committee. 8<sup>th</sup> International Symposium Thrombolysis and Acute Stroke Therapy. 2002-4
15. Canadian Stroke Society Board Ex-officio 2005-
16. International Advisory Board – 6<sup>th</sup> World Stroke Congress Vienna Austria 2008

**(d) Memberships on other committees, including offices held and dates**

1. Chairman, 1979-1982 Parkside Emergency Physicians
2. Chairman, 1979-1982 Emergency Services Department, Royal Jubilee Hospital
3. Chairman, 1979-1982 Emergency Services/Disaster Committee, Victoria General Hospital
4. Member, 1983-1984 General Practice Executive Committee, Royal Jubilee Hospital
5. Member, 1983-1984 Capital Regional District Health Planning Committee
6. Member, 1998 Vancouver General Hospital, Bed Aggregation Committee
7. Member, 1998 ROARS Committee
8. Chairman, 1998-2000 Heart & Stroke Association of B.C. Acute Stroke Management Committee
9. Heart and Stroke Society of BC and Yukon, Stroke Advisory Committee 2005 to present
10. World Stroke Day Proclamation – Writing committee 2004- present
11. Chairman, Canadian Stroke Consortium, 2002-Present.
12. Regional Stroke Strategy Leadership Committee – Vancouver Coastal Health Region 2006 –
13. Member, 2007 – BC Stroke Strategy Committee
14. Chair, BC Telestroke Committee
15. Member VCH Stroke Leadership Committee
16. Stroke Leadership Committee Vancouver Coastal Health 2008-
17. BC Stroke Strategy Committee 2008-
18. Chair, BC Telestroke Committee

**13. STEERING COMMITTEE MEMBERSHIP – International Clinical Trials**

PRoACT III  
 BRAINS – Chair International Steering Committee  
 mRECT-Chair International Steering Committee  
 rREACT ONO Neuroprotection Trial  
 ASTIN  
 AbESTT II Executive Committee Triad 2004 to present  
 DIAS II – 2004 to 2008

ARCH 2004- present  
 CHARISMA- National Coordinator 2003- 2007  
 PRoFESS 2003- 2008  
 SB737004 Shiongi-GlaxoSmithKline Pharmaceuticals LLC 2004 - 2007  
 CASTIA 2005-2006  
 PERFORM 2006-present  
 Nuvelo Acute Interventional Stroke Study- 2006-2008  
 INTERSTROKE McMaster University 2007  
 VASTT trial 2007  
 FASTER II 2008

**14. DATA and SAFETY MONITORING COMMITTEE MEMBERSHIP**

RIS-USA-232 DSMB 2002-2003  
 EVEREST STUDY 2005-

**15. EDITORSHIPS**

1. International Abstracts in Stroke - October 1993 to 2002
2. Editorial Board International Journal of Stroke 2005- ongoing

**16. AD HOC REVIEWER**

1. Canadian Journal of Neurosciences
2. Journal of Movement Disorders
3. Heart and Stroke Foundation Research Grants
4. STROKE
5. Cerebrovascular Diseases 2000- present
6. Canadian Stroke Consortium Clinical Trial Review Committees. As Chair of the CSC I participate as a committee member for all research projects conducted by the Canadian Stroke Consortium. This entails 3-6 project reviews annually. Formal review reports are written.

**17. CONSULTANT/ADVISORY BOARD**

1. Senior Medical Consultant  
 Emergency Health Services Commission  
 Ministry of Health, British Columbia 1985-86
2. Steering Committee, BRAINS Trial (Bay X-3702)
3. Steering Committee, CARINE Trial (Clopidogrel vs. Aspirin in Reversible Ischemic Neurological Events)
4. Hoffmann-LaRoche 1996-
5. Janssen Pharma 1996-2003
6. Sanofi Pharma 1997-
7. Boehringer-Ingelheim 1998-
8. External Scientific Selection Advisory Committee – Phoenix BioPharm Inc August 2005 – ongoing
9. Merck (ongoing)
10. Pfizer (ongoing)
11. Solvay 2005-
12. BMS/Sanofi New York Sept 26, 2005
13. BAYER 2005-
14. NOVO-Nordisk 2005-

**18. OTHER SERVICE TO THE COMMUNITY**

1. Annual Public Awareness talks
2. Annual appearance on Art Hister's House Calls
3. Board member, Stroke Recovery Association of British Columbia

**19. AWARDS AND DISTINCTIONS**

- (a) *Awards for Teaching (indicate name of award, awarding organizations, date)*

**Award for the Outstanding Grand Medical Rounds 2004**

**Best Role Model/Example of Professionalism 2010**

- (b) *Awards for Scholarship (indicate name of award, awarding organizations, date)*

**E.L. Pope Memorial Award in Medicine  
University of Alberta Medical School  
Class standing 2/112  
June, 1974**

**The Sauder Family Heart and Stroke Foundation Professorship in Clinical Stroke Research  
Awarded in 2006  
Announcement Pending.**

**The Fay R Dirks Award  
Excellence in Teaching  
University of British Columbia  
June, 2007**

- (c) *Awards for Service (indicate name of award, awarding organizations, date)*

- (d) *Other Awards*

**Selected to "The Best Doctors in America"  
Woodward/White Inc, 1998**

**Best Doctors in Canada 2007-8**

**20. RESEARCH GRANTS or EQUIVALANTS**

1. B.C. Heart and Stroke Clinical Stroke Fellowship Grant 1991-1992  
25,000/year to support stroke fellowship at Tufts University Boston
2. VGH UBC Foundation 2005 \$48,000  
Effect of Asymptomatic Unilateral Severe Carotid Stenosis on Brain Tissue  
Perfusion/Oxygenation during Cardiopulmonary Bypass  
Principal investigator: Dr Jian Ye  
Co-Investigator: Dr. Philip Teal and others

**21. REFEREED PUBLICATIONS**

- (a) **Journals**

1. Teal PA. Management of Alcohol Withdrawal Syndromes. British Columbia Medical Journal, 28:8:520-522,

September 1987.

2. Wolters E, Hurwitz T, Mack E, Teal PA, Peppard R, and Calne DB. Clozapine in the Treatment of Parkinson's Patients with Dopaminergic Psychosis. *Neurology*, 40(5):832-834, 1990.
3. Peppard R, Chim-Song L, Teal PA, Martin W, and Calne DB. Parkinsonism with Neuro-Acanthocytosis. Decreased Striatal F-6-Fluorodopa Uptake Demonstrated with Positive Emission Tomography, *Canadian Journal of Neurosciences*, 17(3):298-301, 1990.
4. Appelton R, Farrell K, Teal PA, and Hashimoto SA. Partial Complex Status Epilepsy Associated with Cyclosporin A. *Journal of Neurology, Neurosurgery and Psychiatry*, 52:1068-1071, 1989.
5. Pessin MS, Teal PA. Hemorrhagic Infarction: Guilt by Association? *AJNR*, 12:1123-1126, 1991.
6. Caplan LR, Rosengart A, Teal PA, DeWitt LD, Pessin MD, Amarenco P. Embolism from vertebral artery origin occlusive disease. *Neurology* 42 (Suppl 1):381, 1992.
7. Rosengart A, Pessin MS, Caplan LR, Wityk RJ, Teal PA. Extracranial Vertebral Artery Disease in Acute Vertebrobasilar Ischemia.
8. Caplan LR, Amarenco P, Rosengart A, LaFranchise EF, Teal PA, Belkin M, DeWitt LD, Pessin MS. Embolism from Vertebral Artery origin occlusive disease. *Neurology* 42:1505-1512, 1992.
9. Chaves C, Chung CS, Caplan LR, Amarenco P, Rosengart A, Wityk R, Teal PA, Vemmos K, Pessin MS. Cerebellar Infarcts - Boston and Taejon, Korea Series: Localization and Clinical Findings. Stroke.
10. Caplan LR, Teal PA. The Moving Embolus - a case report. *Journal of Neuroimaging* 1993;3:195-197.
11. Rosengart A, Hedges TR, Teal P et al. Intermittent downbeat Nystagmus due to Vertebral Artery Compression. *Neurology* 1993;Jan;43(1):216-8.
12. Chaves CJ, Caplan LR, Chung CS, Tapia J, Amarenco P, Teal PA, Wityk R, Estol C, Tettenborn B, Rosengart A, Vemmos K, DeWitt LD, Pessin MS. Cerebellar infarcts in the New England Medical Center Posterior Circulation Stroke Registry. *Neurology* 44:1385-1390, 1994.
13. Chen JC, Salvian AJ, Taylor DC, Teal PA, Marotta TR, Hsiang YN. Predictive Ability of Duplex Ultrasonography for Carotid Artery Stenosis of 70-99%: A Comparative Study. *Cardiovascular Surgery*. October, 1996. Vol. 4, No. 5.
14. Salvian AJ, Taylor DC, Hsiang YN, Hildebrand HD, Litherland HK, Humer MF, Teal PA, MacDonald DB. Selective shunting with EEG monitoring is safer than routine shunting for carotid endarterectomy. [Journal Article] *Cardiovascular Surgery*. 5(5):481-5, 1997 Oct.
15. Turnbull RG, Tsang VT, Salvian AJ, Teal PA. Thrombectomy for Paradoxical Innominate Artery Embolus. *Journal of Vascular Surgery*. *Journal of Vascular Surgery*. 28(4):742-5, 1998 Oct. .
16. Teal PA. Prehospital Management - Referral Patterns to Hospitals. *Revista Neurologica Argentina*, 22, Suppl 1;7, 1997.
17. Chen JC, Salvian AJ, Taylor DC et al. Can duplex ultrasonography select appropriate patients for carotid endarterectomy? *Eur J Vasc Endovasc Surg* 1997 Dec;14(6):451-6.
18. Singh RB, Graeb DA, Fung, A, Teal PA. Cardiac Rupture Complicating Cerebral Intra-arterial Thrombolytic Therapy. *AJNR* 18:1881-1883, Nov 1997.
19. Barnett HMJ, Taylor DW, Eliaszew M et al for the NASCET Investigators. Benefit of carotid endarterectomy in patients with symptomatic moderate or severe stenosis. *NEJM* 1998;339:1415-25.



20. Albers GW, Easton JD, Sacco RL, Teal P. Antithrombotic and Thrombolytic Therapy for Ischemic Stroke. *CHEST* 1998; 114/5 November 1998 supplement: 683S-799S.
21. Norris JW, Buchan A, Cote R, Hachinski V, Phillips SJ, Shuaib A, Silver F, Simard D, **Teal P**. Canadian guidelines for intravenous thrombolytic treatment in acute stroke. A consensus statement of the Canadian Stroke Consortium. *Canadian Journal of Neurological Sciences*. 25(3):257-9, 1998 Aug.
22. Chen JC, Salvian AJ, Taylor DC, Teal PA, Marotta TR, Hsiang YN. Valeur de l'Echographie-Doppler pour Characterizer les Stenoses Carotidiennes comprises entre 70% et 99%: Une Etude Comparative. (*Ann chir Vasc* 1998; 12:244-247).
23. Chen JC, Salvian AJ, Taylor DC, Teal PA, Marotta TR, Hsiang YN. Predictive Ability of Duplex Ultrasonography for Internal Carotid Artery Stenosis of 70%-99%: A Comparative Study. (*Ann Vasc Surgery* 1998; 12:244-247).
24. Hakim A, Lebrun L, Phillips S, Shuaib A, Teal P et al  
Factors influencing destination after hospitalization for acute stroke in five Canadian tertiary care centres  
*Canadian Journal of Neurological Sciences* 1998; 25: Suppl – S81 (Abstract)
25. Turnbull RG, Tsang VT, Teal PA, Salvian AJ. Successful Innominate Thromboembolism of a Paradoxical Embolus. *J Vasc Surg* 1998 Oct; 28(4):742-5.
26. Teal P on behalf of BRAINS study group.  
BRAINS, a Phase II study of the neuroprotectant BAY x3702 in patients with ischemic stroke  
*Cerebrovascular Diseases* 1998; 8: Supplement 4 S20.
27. Winkelaar GB, Salvian AJ, Fry PD, Reid JDS, Teal PA, Taylor DC, Hsiang YN. Intraoperative Intra-arterial Urokinase in Early Postoperative Stroke following Carotid Endarterectomy: A Useful Adjunct. (*Ann Vasc Surg* 1999; 13:566-570).
28. Winkelaar GB, Chen JC, Salvian AJ et al. New Duplex Ultrasound Scan Criteria for Managing Symptomatic 50% or Greater Carotid Stenosis. *J Vasc Surg* 1999 Jun; 29(6):986-94.
29. Chapman KM, Woolfenden AR, Graeb D, Johnston DCC, Beckman J, Schulzer M, Teal PA: Intravenous Tissue Plasminogen Activator for Acute Ischemic Stroke: A Canadian Hospital's Experience. *Stroke* 2000;31:2920-4
30. Del Zoppo GJ, Higashida RT, Furlan AJ, Pessin MS, Rowley HA, Gent M and the PROACT Investigators including Teal PA. PROACT: A Phase II Randomized Trial of Recombinant Pro-Urokinase by Direct Arterial Delivery in Acute Middle Cerebral Artery Stroke. (*Stroke*. 1998; 29:4-11.)
31. Turnbull EG, Tsang VT, Teal PA, Salvian AJ. Successful innominate thromboembolism of a paradoxical embolus. *J Vasc Surg* 1998;28:742-5
32. Furlan A, Higashida R, Wechsler L et al and the PROACT Investigators including Teal PA. Intra-arterial Pro-urokinase for Acute Ischemic Stroke. The PROACT II Study. A Randomized Controlled Trial. (*JAMA*. 1999; 282:2003-2011.
33. Multiple Contributors including Teal, P. Recommendations for Improving Clinical Trials Design and Endpoint Selection. *Stroke Therapy Academic Industry Roundtable II (STAIR II)*.
34. Hill, MD, Woolfenden A, Teal P, Buchan AM. Intravenous Alteplase for Stroke: The Canadian Experience. *The Stroke Interventionalist* 2000; Volume II, Issue 2:5-8.
35. Albers GW, Amarenco P, Easton JD, Sacco RL, Teal P. Antithrombotic and Thrombolytic Therapy for Ischemic Stroke. *CHEST* February 2001.

36. Stroke Therapy Academic Industry Roundtable II. Recommendations for clinical trial evaluations of acute stroke therapies. Statement contributor. *Stroke* 2001;32:1598-1606.
37. Sinclair SE, Frighetto L, Loewen PS, Sunderji R, Teal P, Fagan SC, Marra CA. Cost-Utility analysis of tissue plasminogen activator therapy for acute ischaemic stroke: a Canadian healthcare perspective. [Journal Article] *pharmacoeconomics*. 19(9):927-36, 2001.
38. Mahon BR, Nesbit GM, Barnwell SL, Clark W, Marotta TR, Weill A, Teal PA, Quershi AI. North America clinical experience with the EKOS MicroLys US infusion catheter for the treatment of embolic stroke. *Neurology* 2003; 24:534-8.
39. Fisher M et al including Teal P for Stroke Therapy Industry Academic Round Table. Recommendations for advancing development of acute stroke therapies. Stroke Therapy Academic industry roundtable 3. *Stroke* 2003;34:1539-1546.
40. Krams J, Lees KR, Hacke W et al. (Teal P Investigator, contributor, steering Committee.) Acute stroke therapy by inhibition of neutrophils (ASTIN) *Stroke* 2003; 34:2543-2548.
41. Teal PA. Recent clinical trial results with antiplatelet therapy implication in stroke prevention. *Cerebrovascular Diseases* 2004;17 Suppl 3:6-10.
42. Woolfenden AR, Teal PA, Wade NK, Tang P, Chalmers A, Reid G. CNS Vasculitis Uveitis Syndrome. *Canadian J of Neurol Sciences* 2004.
43. Albers GW, Amarenco P, Easton JD, Sacco RL, Teal P. Antithrombotic and thrombolytic therapy for ischemic stroke. The seventh ACCP Conference on the Antithrombotic and thrombolytic therapy. *CHEST* 2004;126:483S-512S.
44. Toole JF, Malinow MR, Chanbless LE et al. Lowering homocysteine in patients with ischemic stroke to prevent recurrent stroke, myocardial infarction, and death. *JAMA* 2004;291:565-75.
45. Caplan LR, Whityk RJ, Glass TA, Tapia J, Pazdera L, Chang HM, Teal P, Dashe JF, Chaves CJ, Breen JC, Vemmos K, Amarenco P, et al. New England Medical Center Posterior Circulation registry. *Ann Neurol*. 2004;56:389-98.
46. Hill MD, Buchan AM, for the CASES Investigators: Thrombolysis for acute ischemic stroke: results of the Canadian Alteplase for stroke effectiveness study. *CMAJ* 2005;172:1307-12.
47. Teal P, Silver FL, Simard D. Safety, Tolerability, and Dose-finding of Repinotan in Acute Stroke. *The Canadian Journal of Neuroscience*. 2005;32:61-67.
48. Muir KW, Teal PA. Why have neuroprotectants failed? Lessons learned from stroke trials. *J Neurol*. 2005 August 25;[Epub ahead of print].
49. Woolfenden AR, Wade NK, Tang P, Clamers A, Reid G, Teal PA. Uveitis Associated with Primary Angiitis of the Central Nervous System. *Can J. Neurol. Sci.* 2007;34:81-83
50. Adams HP, Efron MB, Torner J, Davalos A, Frayne J, Teal Philip, Lerclerc, J et al. Emergency administration of Abciximab for treatment of patients with acute ischemic stroke: Results of an International Phase III Trial. *Stroke* 2008;39:87-89
51. Sacco RL, Diener HC, Yusuf S, et al including Teal P. Aspirin and Extended Released Dipyridamol vs clopidogrel for recurrent stroke. *N Eng J Med* 2008;359:1238-51
52. Yusuf S, Diener HC, Sacco RL et al including Teal, P. Telmisartan to prevent recurrent Stroke and cardiovascular events. *N Engl J Med* 2008;359:1225-37

53. Effects of aspirin plus extended-release dipyridamole versus Clopidogrel and telmisartan on disability and cognitive function after recurrent stroke in patients with ischaemic stroke in the Prevention Regimen for Effectively Avoiding Second Strokes (PRoFESS) trial: a double-blind, active and placebo-controlled study. Diener HC, Sacco RL, Yusef S, et al including Teal PA. *Lancet Neurology* Sept 2008;7:875-84
54. Albers GW, Amarenco P, Easton JD, Sacco RL, Teal P. Antithrombotic and thrombolytic therapy for ischemic stroke: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines (8<sup>th</sup> Addition) CHEST 2008;133:630-669S
55. Saw J, Walsh SJ, Teal P et al. Carotid Artery Stenting Experience by Interventional Cardiologists in a Canadian Cardiac Catheterization Laboratory. *Canadian Journal of General Internal Medicine*. 2009, Dec
56. Teal P, Davis S, Hacke V et al. A randomized, double-blind placebo controlled trial to evaluate the efficacy, safety, tolerability and pharmacokinetic/pharmacodynamic effects of a targeted dose of intravenous repinotan in patients with acute ischemic stroke. *Stroke* 2009;40:3518-3525
57. Kamel H, Lees KR, Lyden PD, Teal PA, Shuaib A et al. Delayed detection of atrial fibrillation after ischemic stroke. *Journal of Stroke and Cerebrovascular Diseases* 2009;18:453-457

**(b) Abstracts**

1. Teal PA and Wada JA. Temporal Lobe Epilepsy with Bilateral Independent Seizure Generating Foci. *Epilepsia*, 300:5:663, September 1989.
2. Rosengart A, Wityk RJ, Teal PA, DeWitt LD, Pessin MS, Caplan LR. Clinical Angiographic Correlation in Vertebrobasilar Ischemia. *Neurology* 42 (Suppl 1):401, 1992.
3. Teal PA, Wityk RJ, Rosengart A, Caplan LR. Spinal TIAs - A Clue to the Presence of Spinal Dural AVMs. *Neurology* 42 (Suppl 1): 1992.
4. Rosengart A, Wityk RJ, Teal PA, DeWitt LD, Pessin MS, Caplan LR. Vertebrobasilar Clinical - Angiographic Correlation. *Cerebrovascular Dis* 2(4):211, 1992.
5. Rosengart A, DeWitt LD, Wityk RJ, Teal PA, Pessin MS, Wolpert S, Caplan LR. Non-invasive Tests in Vertebrobasilar Disease. *Cerebrovascular Dis* 2(4):211, 1992.
6. Rosengart A, Caplan LR, Pessin MS, Wityk RJ, Teal PA, Amarenco P. Extracranial Vertebral Artery Disease in Posterior Circulation Ischemia. *Cerebrovascular Dis* (4):238, 1992.
7. Rosengart A, Caplan LR, Amarenco P, Teal PA, Wityk RJ. Bilateral Cerebellar Infarcts. *Cerebrovascular Dis* 2(4):237, 1992.
8. Humer M, Salvian AJ, Taylor DC, Litherland, HK, McDonald D, Teal PA. EEG Monitoring in Carotid Surgery. *Canadian Journal of Surgery*, 1994.
9. Winder TR, Teal PA. Overlap Syndrome between Periodic Cerebellar Ataxias and Episodic Vestibulocerebellar Syndrome Responsive to Acetazolamide. (Abstract, in press)
10. Teal P. BRAINS, a Phase II Study of the neuroprotective BAY X3702 in Patients with Acute Ischemic Stroke. *Cerebrovasc Dis* 1998; 8(Suppl 4):20.
11. Hakim A, Lebrun L, Phillips S, Shuaib A, Teal PA, Ramsden V, et al. Factors Influencing Time from Stroke Onset to Hospital Arrival in Five Canadian Cities. *Canadian Journal of Neurological Sciences*, 25 (Suppl 2); S14, 1998.
12. Hakim A, Lebrun L, Phillips S, Shuaib A, Teal PA, Ramsden V, et al. Factors Influencing Destination after Hospitalization for Acute Stroke in Five Canadian Tertiary Care Centers. *Canadian Journal of Neurological*

- Sciences, 25 (Suppl 2); S81, 1998.
13. Hill MD, Barber PA, Buchan AM for the CASES Investigators including Teal PA. The Canadian Activase for Stroke Effectiveness Study (CASES) (abstract) *Stroke* 2000; 31:315.
  14. Teal P, Silver F, Grotta J, et al. The Neuroprotectant BAY X 3702 in Acute Ischemic Stroke: BRAINS. *Neurology* 1999. 52; (Suppl 2):383.
  15. Teal P, Rombout F, Weber H, et al. Repinotan: An Innovative Phase III Design in Stroke. *Stroke* 2000. Volume 31:2811.
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(d) STEP – Stroke Treatment and Education Program

Co-author

Funded by Heart and Stroke Foundation of Canada and Janssen –Ortho

Next STEP

Co-author

Funded by Heart and Stroke BC

NeuroCare: Atherothrombosis Management in Your Practice  
Development committee and do-author

**23. WORK SUBMITTED**

PFO Current Management Strategies- Submitted

**24. WORK IN PROGRESS**

1. Intracranial Arterial Dissections.
2. Carotid Dissection: Recognition in the Emergency Department. Case Reports and Review.
3. Spinal Cord TIAs - a Symptom of Spinal AVMs.
4. Vermal Cerebellar hemorrhages

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