

The History of Rocky Mtn Internal Medicine, Importance of Social Connectivity, and Hypertension

Robert J. Herman

Cummings School of Medicine

University of Calgary

Learning Objectives

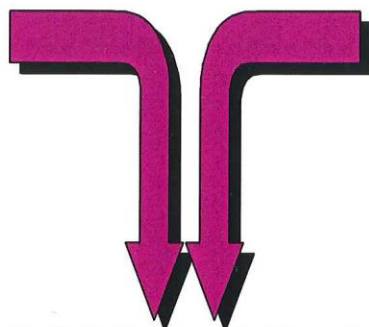
1. Advocate to engage in collective activities with peers such as setting common goals, learning and providing opportunities for consensus
2. Describe how hyperperfusion injury from hypertension can occur at a normal BP
3. Clarify the role of MRI in the diagnosis and management of PRES

Disclosures

None

FIRST ANNUAL

**WESTERN CANADIAN
INTERNAL MEDICINE
UPDATE**



October 13 - 15, 1995

BANFF, ALBERTA

Sponsored by an educational grant from Astra Pharma Inc.

1997 cancelled 1 month prior - loss of sponsor

Moved to the Banff Rocky Mtn. Resort (**1998**),
then the Buffalo Mtn. Lodge (**1999**). Using the RM
name; multiple sponsors; format: Plenary (incl. **AM**
Edwards Lectureship), SS, WS

2000 RM at Banff Park Lodge

I moved to Calgary in the same year and assumed
Division Chair of GIM and Chair of the RM

2002 first RM Meeting partnered with CSIM

Registration fee: \$300 delegates, \$100 residents

Over 300 registrants

Organizing Committee:
Chair: Dr. Robert Herman

Dr. Jay Biem
Dr. Norm Campbell
Dr. Bill Coke
Dr. Charles Harley
Dr. Iain Mackie
Dr. Brendan MacDougall
Dr. Claudia Strehlke

We are paperless at the meeting in 2003. Program slides and information will not be distributed at the meeting, but can be downloaded from the website one week before and after the meeting dates (<http://www.fp.ucalgary.ca/gim>)

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This printing was sponsored by Boehringer Ingelheim

Acknowledgment To Our Sponsors



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Bristol-Myers Squibb



Rocky Mountain / ACP Internal Medicine Meeting

Banff Park Lodge
Banff AB,
November 13-16, 2003



Thursday, November 13, 2003

Afternoon Sessions 3:25 - 5:45 PM

3:25 - 3:30 **OPENING REMARKS** [Robert Herman] Castle/Assin

3:30 - 4:00 **KEYNOTE ADDRESS:** Castle/Assin
Evidence Based Treatment of CHF [Gordon Guyatt]
4:00 - 4:15 Discussion

SHORT SNAPPERS Castle/Assin
4:15 - 4:25 Alzheimer's Disease [Jim Silvius]
4:25 - 4:35 Resident Research Paper [TBA]
4:35 - 4:45 HRT: Lessons from Recent Clinical Trials [G Guyatt]
4:45 - 5:00 Discussion
5:00 - 5:10 The Obesity Epidemic: What is Known and What Needs to be Done [David Lau] `
5:10 - 5:20 Resident Research Paper [TBA]
5:20 - 5:30 New Drugs for the Treatment of Hyperlipidemia. Better or Not? [Don Cook]
5:30 - 5:45 Discussion

Welcoming Reception/Satellite Symposium 6:30 - 10:00 pm

6:30 - 7:00 **WELCOMING RECEPTION** Alpine Meadows

7:00 - 8:30 **SATELLITE SYMPOSIA** Choose one of the following:

ASTRAZENECA Castle
Your Jelly Belly and Your Future. Multi-Risk Assessment. Highlights of the New Guidelines for Dyslipidemia.
Speaker: Don Cook, University of Calgary
Chair: Dr. Iain Mackie

SANOFI/BRISTOL-MYERS SQUIBB Assiniboine
Clinical Manifestations of Atherothrombosis: A Focus on Peripheral Arterial Disease.
Speaker: Jean Buithieu, McGill University
Chair: Dr. Robert Herman

8:30 - 10:00 **DINNER** Summit

Friday, November 14, 2003

Morning Sessions 8:00 - 12:00 PM

8:00 - 8:30 **AM EDWARDS/ACP LECTURE:** Castle/Assin
Hospital Medicine. An Evolving New Specialty [Mark Williams]

8:30 - 8:45 Discussion

SHORT SNAPPERS Castle/Assin
8:45 - 8:55 New Therapies for Hepatitis C [Winnie Wong]
8:55 - 9:05 Resident Research Paper [TBA]
9:05 - 9:15 Spiral CT vs VQ Scan for Dx of Acute Pulmonary Embolism [Jay Biem]
9:15 - 9:25 Resident Research Paper [TBA]
9:25 - 9:45 Discussion

9:45 - 10:00 **REFRESHMENT BREAK**

10:00 - 11:00 **WORKSHOPS** Choose two of the following:

- | | |
|--|---------------|
| (1) Update in Perioperative Care [Nadia Khan] | Aspen |
| (2) Office Approach to Movement Disorders [Doug Hobson] | Birch |
| (3) Management of Chronic Pain [Sharon Watanabe] | Cedar |
| (4) HIV for the Internist [Iain Mackie] | Maple |
| (5) Elevated LFTs [Winnie Wong] | Pine |
| (6) Nutritional Problems of Hospitalized Patients [D Duerksen] | Willow |

11:00 - 12:00 **WORKSHOPS** (Repeated)

1:00 - 1:30 **GIM RESEARCH TALK:** Castle/Assin
Applying Evidence to Patient Care. From Black and White to Shades of Grey [Finlay McAlister]
1:30 - 1:45 Discussion

SHORT SNAPPERS Castle/Assin
1:45 - 1:55 hsCRP and Other Newly Described Markers of Cardiovascular Disease [Bill Ghali]
1:55 - 2:05 Resident Research Paper [TBA]
2:05 - 2:15 Initiating Therapy in Parkinson's Disease [Doug Hobson]
2:15 - 2:30 Discussion

Afternoon Free for Leisure Activities 2:30 - 6:30 PM

Reception/Satellite Symposium 6:30 - 10:00 PM

6:30-7:00 **RECEPTION** Alpine Meadows

7:00 - 8:30 **SATELLITE SYMPOSIA** Choose one of the following:

AVENTIS Castle
Managing Risk for VTE Prophylaxis in the Medical Population: How Are We Actually Doing
Speakers: [TBA]
Chair: Dr. Bill Coke

NOVARTIS Assiniboine
Expanding Role of ARBs in Cardiovascular Disease
Speaker: Dr. T-K Lee, University of Alberta
Chair: Dr. Brendan MacDougall

8:30 - 10:00 **DINNER** Summit

Saturday, November 15, 2003

Morning Sessions 8:00- 12:00 PM

8:00 - 8:30 **KEYNOTE ADDRESS:** Castle/Assin
Influenza A in 2003/2004 [Grant Stiver]
8:30 - 8:45 Discussion

SHORT SNAPPERS: Castle/Assin

8:45 - 8:55 HTN Update: ALLHAT and Other New HTN Trials [Stan van Uum]
8:55 - 9:05 Resident Research Paper [TBA]
9:05 - 9:15 Update on SARS [Grant Stiver]
9:15 - 9:30 Resident Research Paper [TBA]
9:30 - 9:45 Discussion

9:45 - 10:00 **REFRESHMENT BREAK**

10:00 - 11:00 **WORKSHOPS** Choose two of the Following:
(1) Approach to Osteopenia [David Hanley] **Aspen**
(2) Thrombophilia: Who to Test and What to Measure [Don Houston] **Birch**
(3) New Concepts in Type 2 Diabetes [TBA] **Cedar**
(4) Update on Rheumatoid Arthritis [David Robinson] **Maple**
(5) Interesting Cases in Maternal Fetal Medicine [Laura Magee] **Pine**
(6) Diagnosing Secondary Hypertension [Stan van Uum] **Willow**

11:00 - 12:00 **WORKSHOPS** (Repeated)

12:00 - 1:00 **LUNCH** Summit

Afternoon Sessions 1:00- 2:30 PM

SHORT SNAPPERS Castle/Assin
1:00-1:10 Biologic Response Modifiers: Benefit, But at What Cost [David Robinson]
1:10-1:20 Resident Research Paper [TBA]
1:20-1:30 Cardiac Resynchronization Therapy in CHF: What is the Evidence? [Finlay McAlister]
1:30- 1:45 Discussion
1:45-1:55 Predicting Drug Interactions [Robert Herman]
1:55-2:05 Resident Research Paper [TBA]
2:05-2:15 Troponin Testing and Clinical Interpretation [Bill Ghali]
2:15- 2:30 Discussion

Afternoon Free for Leisure Activities 2:30 - 6:30 PM

Annual Dinner 6:30 - 10:00 PM

6:30 - 7:00 **RECEPTION** Alpine Meadows

7:00 - 7:30 **KEYNOTE ADDRESS:** Castle/Assin
Medical Errors [Kaveh Shojania]

7:30 - 10:00 **DINNER AND PRESENTATIONS** Castle/Assin

Sunday, November 16, 2003

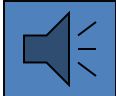
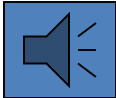
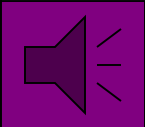
8:30 - 10:00 **SPECIAL INTEREST ACTIVITY** Castle/Assin
Medical Jeopardy with the Residents [Gary Victor]

Resident Support and Participation

Paid registration and expenses for 6 residents from each of the 5 Western Provinces

Expectation 1 of the 6/site would contribute at the podium by presenting a case report or abstract of a research project completed in their residency

Doctors Without Licences	Moonlighting	Hockey Night In Canada	Choose Your Weapon	Weather Report
<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>
<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>
<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>



Double
Jeopardy

Final
Jeopardy

University of Calgary
Chandra Thomas
Kathryn Brown
Laura Stinton
November 15, 2008

University of Manitoba
Aaron Low
Nicola Matthews
Glen Drobot
November 14, 2009

University of Manitoba
Aleisha Hatakka
Amit Kaushal
Glen Drobot
November 26, 2011

University Of Alberta
Stan Houston
Lindsay Bridgland
Rachid Mohamed
November 17, 2007

University of Calgary
Jeffrey Schaefer
Glen Hazlewood
Mitesh Thakur
November 19, 2005

University of Manitoba
Danielle Desautels
Mahwash Saeed
Glen Drobot
November 24, 2012

University of Saskatchewan
Devin Frobbs
Mike Garfinkle
Mike Pysjajeky
November 16, 2013

**The Rocky Mountain/American College of
Physicians Chair of Medical Jeopardy**
Given annually for demonstration of superior
knowledge of the art, skill and trivia of medical
practice and willingness to risk reputation and
possible public humiliation before friends and
peers in order to educate and entertain.

University of Manitoba
Glen Drobot
Winson Cheung
Carol Ott
November 20, 2004

University of Manitoba
James Bras
Ben Fultz
Aditya Sharma
November 14, 2015

University of Alberta
Bill Coke
Rebecca Mitchell
Wendy Silgi
November 16, 2003

University of British Columbia
Katherine Shoultis
Alice Mai
Jake Onnot
November 26, 2016

The Bell



**Rocky Mountain / ACP
Internal Medicine
Conference**

**Banff Park Lodge
Alberta - Banff**

**NOVEMBER
13th-17th
2003**



ACP
AMERICAN COLLEGE OF PHYSICIANS
INTERNAL MEDICINE | Doctors for Adults

**Rocky Mountain / ACP
Internal Medicine Meeting**

**Banff Park Lodge
Banff AB,
October 18-21, 2004**

ACP
AMERICAN COLLEGE OF PHYSICIANS
INTERNAL MEDICINE | Doctors for Adults

**Rocky Mountain / ACP
Internal Medicine Meeting**

**Banff Park Lodge
Banff AB,
October 17-20, 2005**

ACP
AMERICAN COLLEGE OF PHYSICIANS
INTERNAL MEDICINE | Doctors for Adults

**Rocky Mountain / ACP
Internal Medicine Meeting**

**Banff Park Lodge
Banff AB,
October 15-18, 2007**

ACP
AMERICAN COLLEGE OF PHYSICIANS
INTERNAL MEDICINE | Doctors for Adults

2007

Partnered with EBM on 4 initiatives:

- 1) Move our accounts out of the Universities
- 2) To build our own Rocky Mountain website
- 3) To record all podium and some selected WS presentations and to archive these for future use by attendees
- 4) To create and distribute a RM Report

Capture learning from contemporaneous sessions. To reinforce new learning. To balance some of the 'messaging' that was being presented, particularly in the Sponsored Symposia

Rocky Mountain Organizing Committee

- Dr. Robert J Herman, University of Calgary (CHAIR)
- Dr. Norm Campbell, University of Calgary
- Dr. Sharon Card, University of Saskatchewan
- Dr. Narmin Kassam, University of Alberta
- Dr. Barry Kassen, University of British Columbia
- Dr. Michael Kenyon, University of British Columbia
- Dr. Brendan MacDougall, University of Manitoba
- Dr. John (Jake) Onrot, University of British Columbia
- Dr. Heather Ward, University of Saskatchewan



Rocky Mountain Reviewer Committee

- Dr. Robert J. Herman, Professor of Medicine, MD, FRCPC, University of Calgary
- Dr. Norman R. C. Campbell, Professor of Medicine, B Med Sc, MD, ABIM, FACP, FRCPC, University of Calgary
- Dr. P. Timothy Pollak, Professor of Medicine, MD, PhD, FRCPC, University of Calgary
- Dr. Kelly B. Zarnke, Professor of Medicine, MD, MSc, FRCPC, University of Calgary



Banff Rocky Mountain Conference of General Internal Medicine 2007

The 12th Annual Rocky Mountain/ACP Internal Medicine Conference is a successful and well-attended national conference that has been growing steadily, and 2007 was no exception. According to Program Chair Dr. Robert Herman, the conference is attended by Internists of all stripes because "it brings together a unique balance of academic and grassroots clinical general internal medicine practitioners at a venue that allows participants to enjoy the surroundings with colleagues."

This report provides participants with practical capsule commentaries on some of the important presentations and findings that were discussed during the meeting. "Learning that occurs on site should be reinforced post-conference if newly acquired knowledge is to be readily incorporated into everyday practice," said Dr. Herman. With this objective in mind, a committee of experts has been assembled to bring greater clarity to these issues and to take this learning to a broader audience.

Organizing Committee:

Chair: Dr. Robert Herman
Treasurer: Dr. Barry Kassen
Dr. Norm Campbell
Dr. Ann Colbourne
Dr. Narmin Kassam
Dr. Michael Kenyon
Dr. Nadia Khan
Dr. Brendan MacDougall
Dr. Scott McKee
Dr. Chris Mody
Dr. Jill Newstead-Angel
Dr. Jake Onrot
Dr. Brian Wirzba

We are paperless at the meeting in 2009. Program slides and information will not be distributed, but can be downloaded from the website after the meeting dates
(www.ucalgary.ca/gim/rmc.html)

For more information contact:

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Acknowledgment to our Sponsors



Because health matters



Rocky Mountain / ACP Internal Medicine Meeting

Banff Park Lodge
Banff, AB
November 12-15, 2009



ROCKY MOUNTAIN



ACP
AMERICAN COLLEGE OF PHYSICIANS
SOCIÉTÉ CANADIENNE DE MÉDECINE INTERNE



2010 RM/CSIM Meeting

Moved to Vancouver

Top 5 Papers in GIM

Brendan MacDougall, UM (2005)

Bill Ghali, UC (2006,2009,2010)

Anita Palepu (2007)

Raj Padwal, UA (2008)

Sharon Straus, UT/UC (2010)

Jake Onrot, UBC (2011)

Glen Drobot, UM (2012)

Finlay McAllister, UA (2013,2017)

Ian Scott, UC, Community-based (2015)

John Staples, UBC (2016)

Memorable Talks/Topics

Medical Error – Kaveh Shojania 2003

Update on Perioperative Medicine – Bruce Fisher 2011

High Cost Treatments/Limited Resources – Balancing Issues – Stuart McLeod
2012

Care of the Disadvantaged – Anita Palepu 2013

Diagnosis and Management of Thrombosis in Pregnancy – Marc Rodger 2015

What You Need to Know and Teach About Hyponatremia – Robert Herman 2016

Consumption: How TB Shaped Healthcare Delivery in the North – Kevin
Patterson, Nanaimo 2017



Social Connectivity

ASSESSMENT OF SEVERE HYPERTENSION

- 1. What is the RELATIVE increase in BP and how long has the BP been elevated to this level?**
- 2. Is there evidence of damage to vessels or end-organs that is due to or has been worsened by the BP?**

AMI

Acute Pulmonary Edema

Stroke

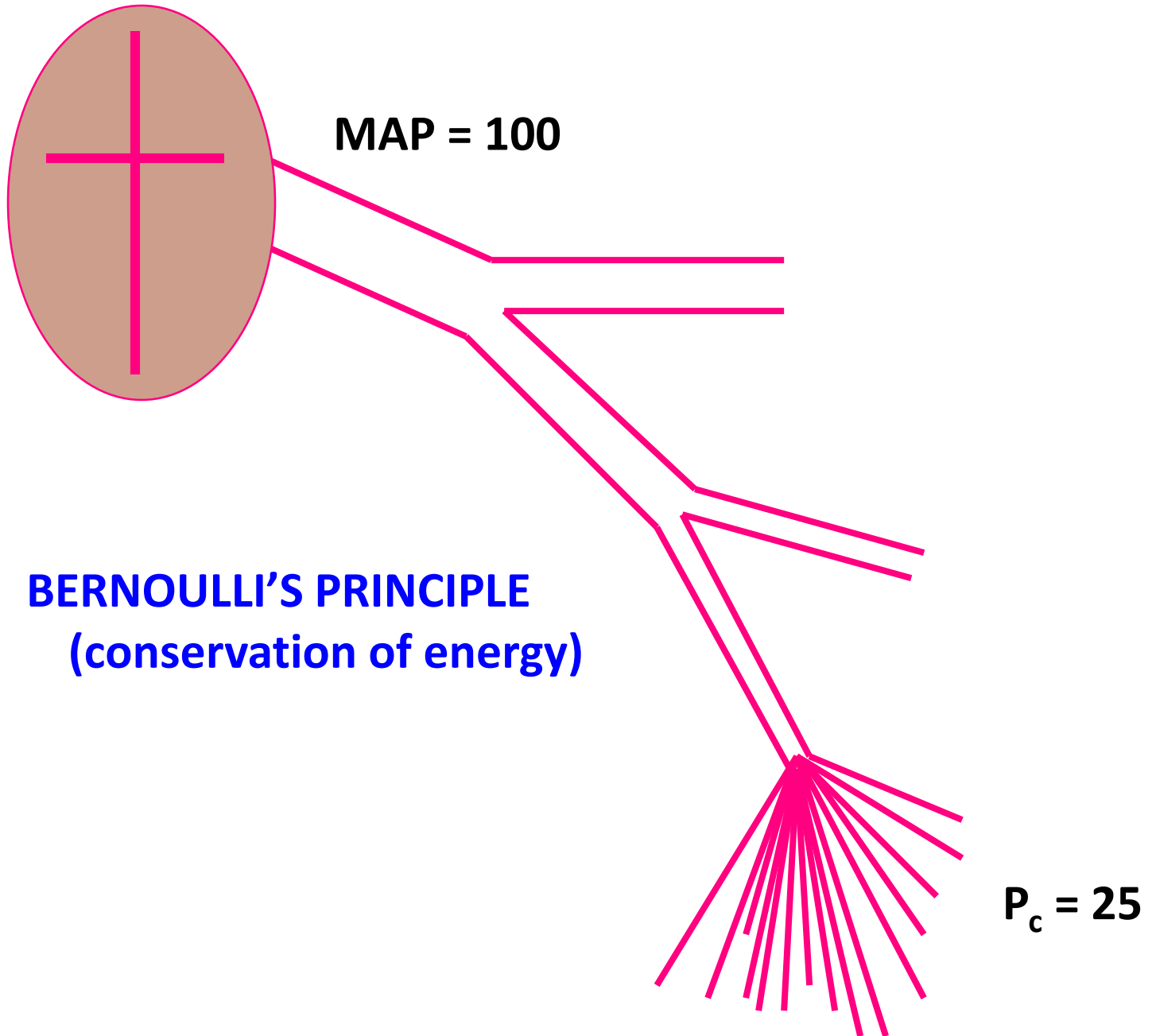
Hypertensive Encephalopathy

Dissecting Aneurism

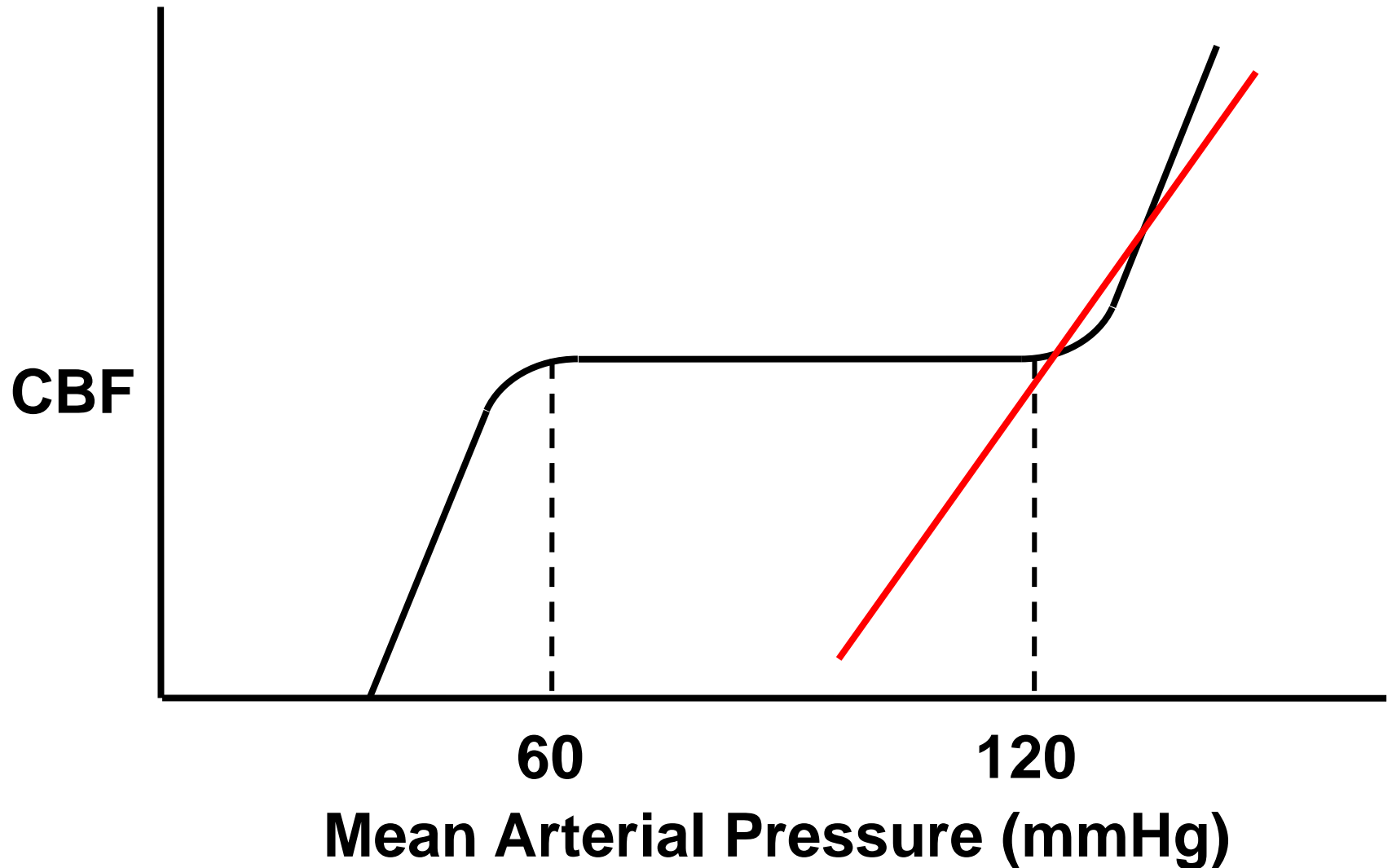
Acute Renal Failure

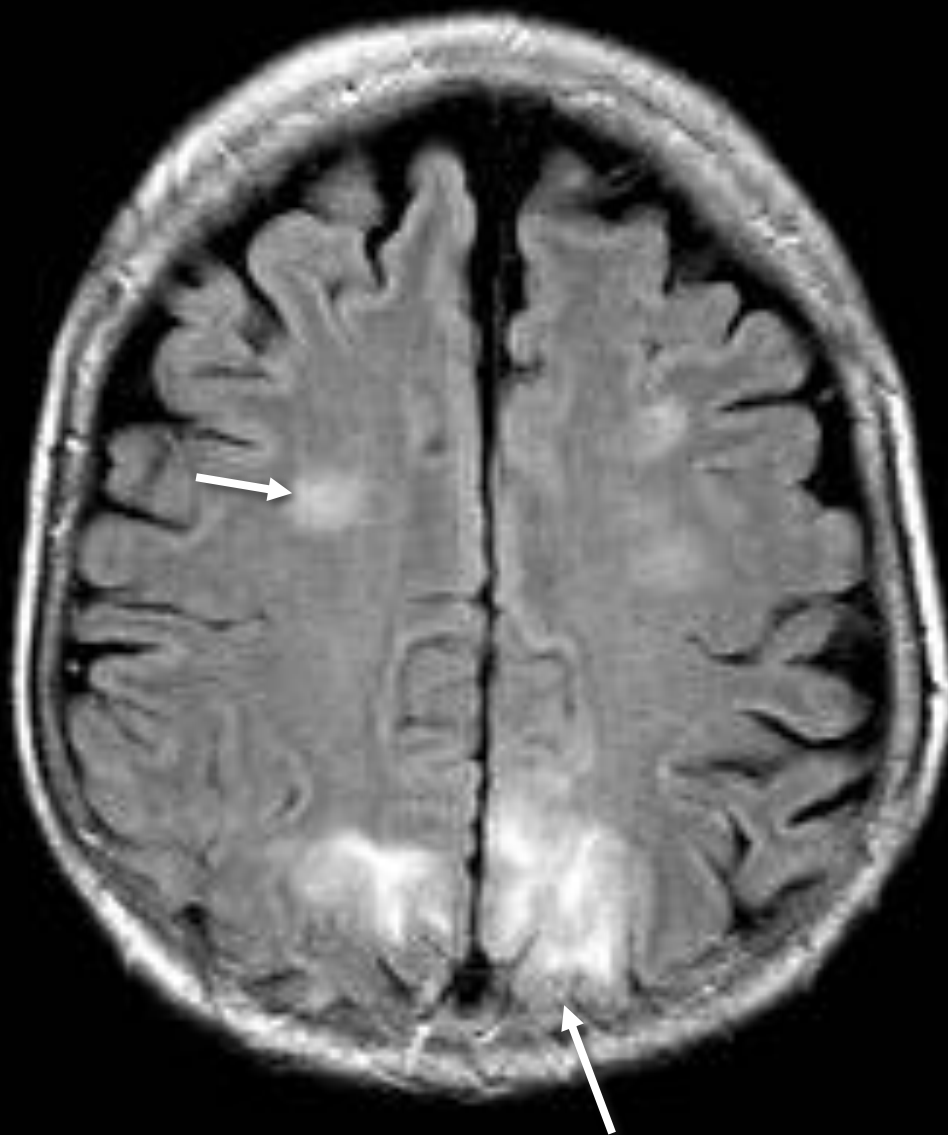
Catecholamine Excess

HTN with Uncontrolled Bleed

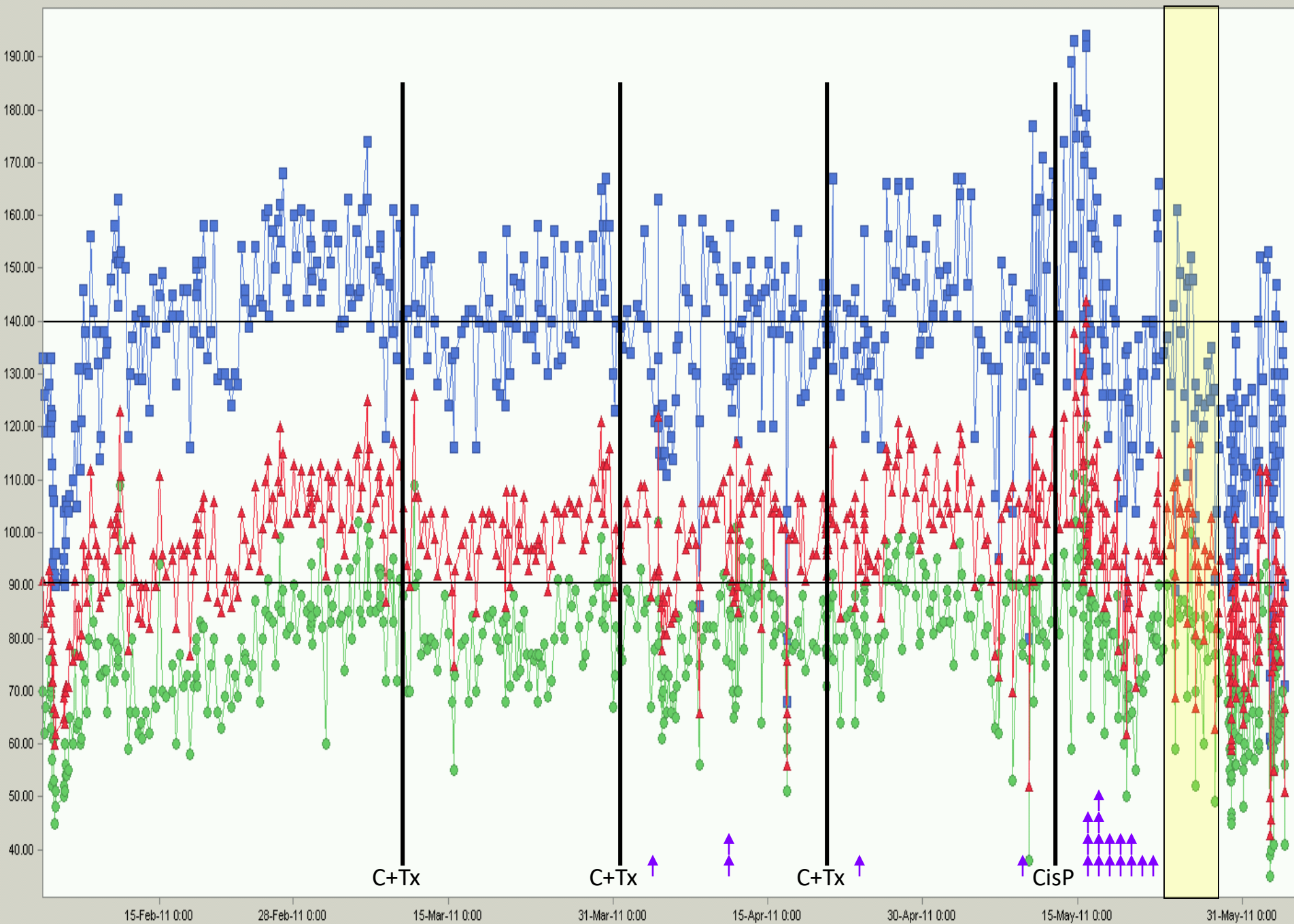


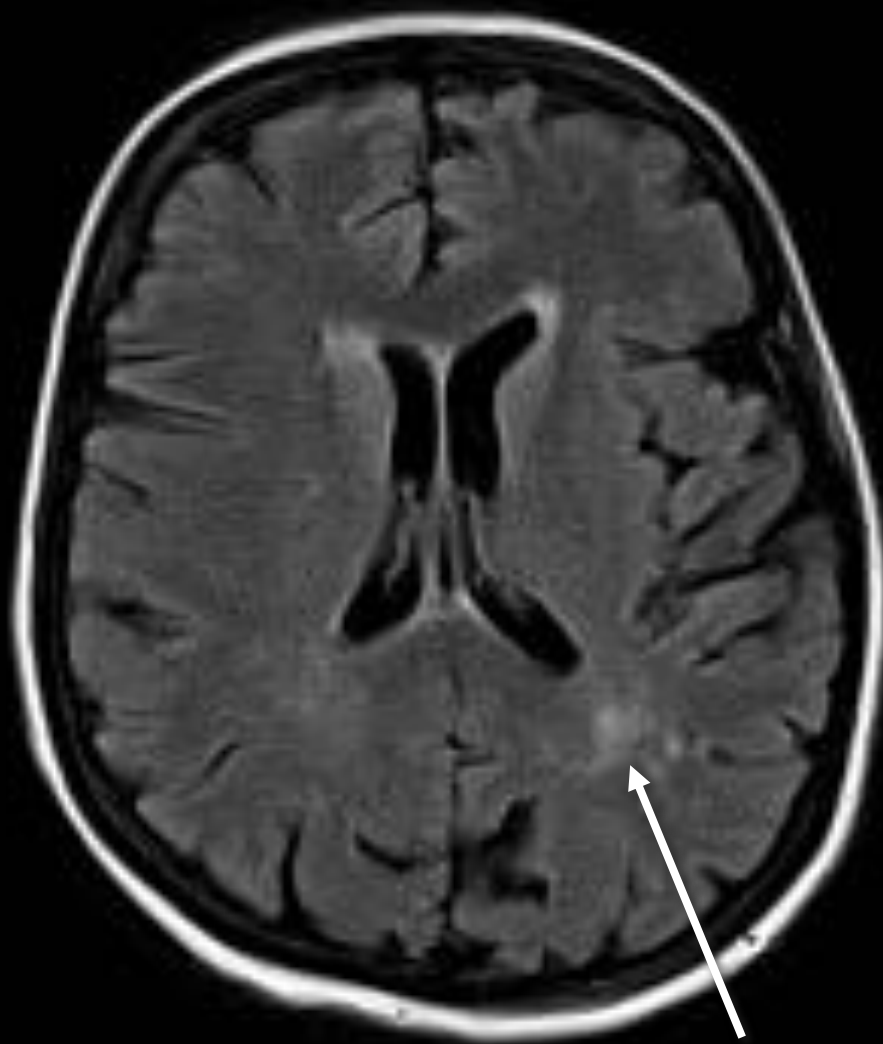
AUTOREGULATION OF CEREBRAL BLOOD FLOW

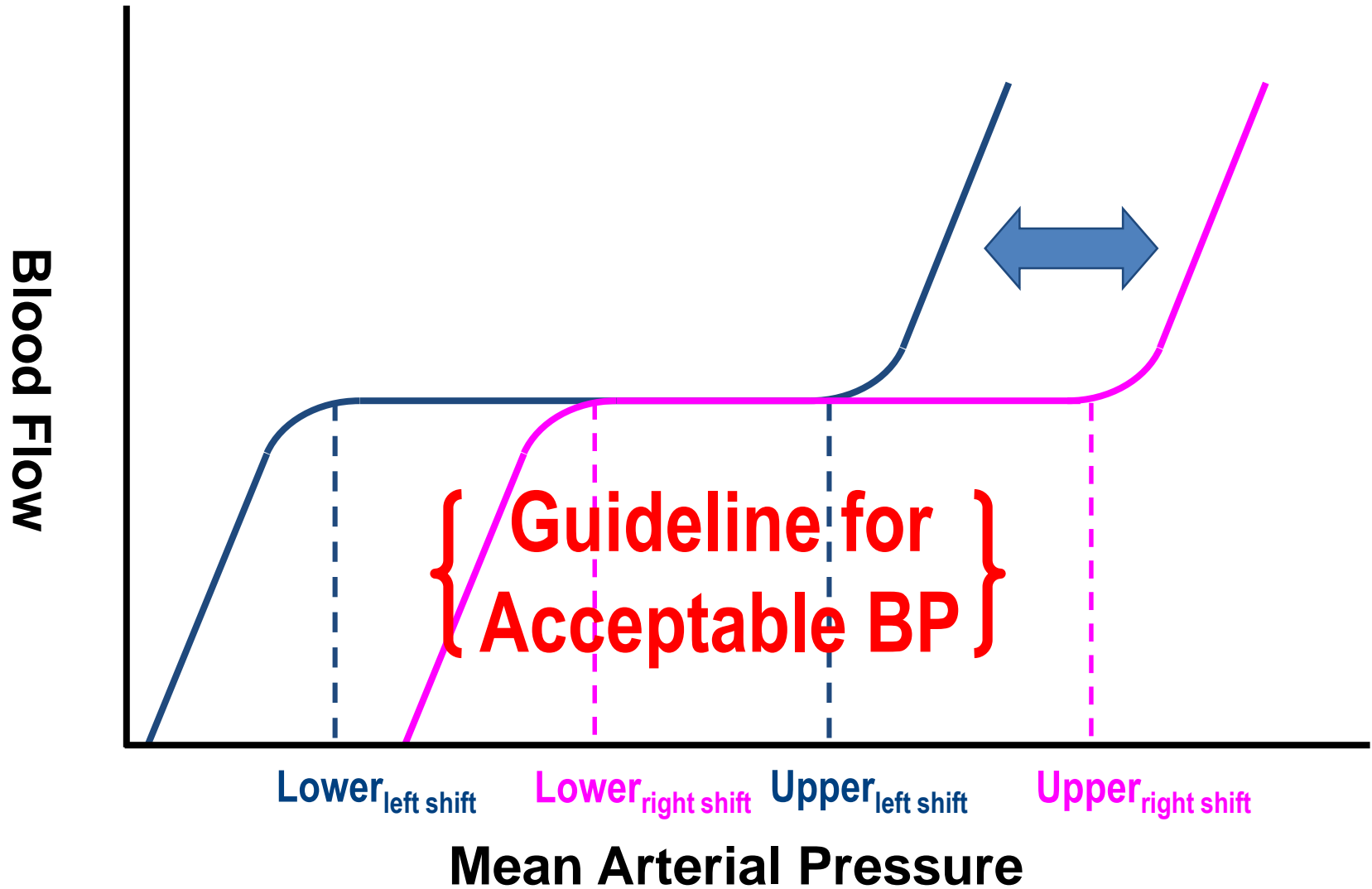




■ Blood Pressure : Systolic ● Blood Pressure : Diastolic ▲ Blood Pressure : Mean







MESSAGE

Hyperperfusion injury can occur in brain and other organs at a normal BP

In normotensive PRES, BP must be taken down to 'normal'

A normal MRI does not exclude PRES

Thank-you for all the wonderful times
and for all you have contributed to
our 'community of Western general
internists' over the years

Thanks for your support of my
leadership of the RM Meeting and for
this special tribute

Together, let's put our efforts
behind Lee-Ann and Rahim to ensure
there are many more successful Rocky
Mountain Meetings in the future

EXTRA SLIDES

Non-Inferiority and Equivalency Trials

