

FEBRUARY 2022

WHAT HAPPENED TO BETA BLOCKER (BB) IN PATIENTS UNDERGOING NON-CARDIAC SURGERY?



February 2nd

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2022 WSSS OFFICERS

President:

Scott Davidson (WSU/GS 1990/96)

Vice-President:

Larry Narkiewicz (WSU/GS 2004/09)

Secretary-Treasurer:

Pamela Johnson (WSU/GS 1984/89)

Members-at-Large:

Bruce McIntosh (WSU/GS 1989/94)

Jay Dujon (WSUGS 2011)

Robert Holmes (WSUGS 1983)

Resident Member:

Dr. Michael Carge (WSUGS 2022)

Dr. Ashley Malach (WSUGS 2022)

At the turn of the century, BB therapy was commonly used in higher risk elderly patients undergoing non-cardiac surgery. The frequency of use and the recommendation for use were so strong that it was identified as a quality issue that required documentation as to why it wasn't used when it wasn't used.

The POISE Trial, published in 2008, demonstrated that there was no decrease in 30-day mortality or long-term mortality in multiple coordinated prospective randomized trials, and there was an increase in postoperative stroke rate related to hypotension in those on BB therapy. Although there were a number of questions about the integrity of the Trial, their conclusions were accepted by most individuals, and BB therapy for non-cardiac surgery became infrequently used.

Ismail and co-authors presented an excellent paper at the 2021 meeting of the American Association for the Surgery of Trauma. These authors from Örebro, Sweden, looked at over 126,000 patients over the age of 65 who had hip fractures. They used the Revised Cardiac Risk Index (RCRI) to assess cardiac risk. The RCRI is a five-point system with one point each assessed for high-risk surgery, ischemic heart disease, congestive heart failure, cerebrovascular disease, and renal insufficiency. Since hip surgery is not considered high risk surgery, the patients in their study had a RCRI that ranged from 0 to 4. This non-randomized trial demonstrated that the most commonly used beta blocker was metoprolol, and beta blockade was associated with a decreased risk of myocardial infarction, heart failure, arrhythmia, and death, compared to those patients not on BB therapy. This significant ($p < 0.001$) benefit was present for all of the four RCRI categories. The rise in mortality rate in the absence of BB therapy was quite impressive, ranging from 6.9% in the RCRI category of 0 to 53.6% in the RCRI category 4 in those patients without BB therapy, as opposed to a range of 2.3% in the RCRI category 0 patients to 8.8% in the RCRI category 4 patients in those patients on BB therapy. The authors concluded that there should be a re-look at BB therapy for high risk patients undergoing non-cardiac surgery and that, in conjunction with such therapy, one should be aware that hypotension may occur and be associated with a risk of stroke. Maybe we should take another look at the prophylactic value of BB therapy in our high risk patients (J Trauma 2022;92:49-56).

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REPORTS FROM THE OUTFIELD

Dr. Scott Davidson

Dr. Scott Davidson (WSU/GS 1990/96) finished his medical school training at WSU in 1990 and surgical residency training in 1996. He then became involved with former WSU graduates in a busy surgical practice in Kalamazoo and served as the trauma director at the Bronson Hospital, protected us while we slept as he served in the 332nd Airforce Theater Hospital in Ballad during the period of many activities, served in all of the leadership positions at his hospital, and is now continuing his service to the community by appearing on television as one of the physicians who are advocating that we all get vaccinated in order to get rid of this terrible pandemic, which we have suffered through for almost two years. Congratulations to Scott!



Scott & Melissa Davidson with their children Taylor, Burke and Hunter.
All of the young ones are now grown up

Dr. Scott Dulchavsky

Dr. Scott Dulchavsky (WSU/GS 1983/88) has had an exciting career since completing his residency training. Following a short stint as the partner of Dr. Evan Geller at the Stony Brook University Hospital in New York, he came back to our faculty, where he had many achievements including serving as the chief of surgery at the Detroit Receiving Hospital before accepting the position as chairman of the department of Surgery at the Henry Ford Hospital. While at WSU, he also got his doctorate of Physiology degree in our department of Physiology doing extensive work on the intricacies of wound healing. Scott is also one of the astronauts in our NASA program and, as part

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REPORTS FROM THE OUTFIELD

Dr. Scott Dulchavsky, cont...

of that responsibility, has done very innovative work on the use of ultrasonography in space. Indeed, during the last space mission, he was on 24-hour duty for providing backup help for any questions that arose regarding ultrasonography in space. He has had a very productive career.

Recently, Scott's father died, and this brought back many memories of how his father was involved in all of Scott's activities and frequently interacted with the attending surgeons within the WSU Department of Surgery. In recalling some of these activities, Scott sent the following message to the members of the WSSS.



Dr. Scott Dulchavsky

Dr. Lucas,

My father passed away last weekend suddenly. He was 93 but vibrant and full of life. He asked about you and Dr. Ledgerwood often as you showed my parents great kindness when I was on call as a resident during a holiday or birthday of mine and you helped connect us at DRH. He was also at my coronation to chair that you and Partner attended.

But here is why I am now thinking of you; two short stories.

The first is about you influencing (maybe shaming) me when I tried to keep up with you on the steps of Harper Hospital during rounds. I did those steps so many times while on call so I wouldn't be breathless as I scampered after you. I now carry on this tradition here where I make our interns have our weekly meeting on the 20th floor of

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REPORTS FROM THE OUTFIELD

Dr. Scott Dulchavsky, cont...

the clinic building after we walk the stairs from the basement. Its been part of the routine for years and you are partially responsible. At least they can't claim they are too busy to exercise once a week!

The second story relates to one of our chairs who called yesterday with a rectal fissure. I often quote your statement that "if you have 100 patients with a rectal fissure, you can run for President!"

Wanted to reach out to thank you for countless moments of inspiration, hopefully some transfer of your expansive knowledge, and your ability to positively impact our future generations as you have me.

Hello to Dr. Ledgerwood.

Scott



February 14th



"EXCERPTS FROM LOG BOOK" - DOWN MEMORY LANE

Anna M. Ledgerwood, MD

Note from Dr. A.J. Walt: "Why have there been no entries since 16 December? It is now 21 December!"



Dr. Anna Ledgerwood

12/19/70: Chief resident, Jose Azcarate; staff, Dr. G. Shannon

1. PF: GSW mouth and neck. Exploration left neck was negative.
2. JS: Perforated appendix. Treated with appendectomy.
3. CM: Rifle wound of abdominal wall and right wrist. Treated with debridement.

12/20/70: Staff, Dr. LeBlanc

1. BB: Blunt trauma of the abdomen. Treated with laparotomy, retroperitoneal hematoma on the right with laceration of the liver. Treated with choledochotomy.
2. JC: GSW abdomen. Treated with laparotomy, closure of small bowel perforations, resection small bowel, and exteriorization of perforation of the colon.

12/21/70: Staff, Dr. Birks

1. JB: GSW abdomen. Treated with laparotomy, suture laceration of the liver, closure perforation diaphragm, insertion right chest tube.
2. WA: GSW chest and abdomen. Treated with splenectomy, closure of stomach perforation.

Comment: "I apologize for the delay in my entries." Thank you, Jose Azcarate

12/22/70: Staff, Dr. S. Woods

1. EM: GSW abdomen with incarcerated left inguinal hernia. Treated with laparotomy, suture of liver laceration, cholecystostomy and repair of left inguinal hernia.
2. RH: GSW right arm with comminuted fracture. Treated with insertion of a rush rod, resection, and end-to-end anastomosis of the right brachial artery.
3. OCJ: GSW left lower chest. Treated with laparotomy and splenectomy for laceration of the spleen, closure of perforations of the stomach and diaphragm.
4. NT: GSW abdomen. Treated with laparotomy and ligation of transected right inferior epigastric artery.

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DOWN MEMORY LANE — Anna M. Ledgerwood, MD

12/23/70: Staff, F. Lippa

1. JR: GSW right arm. Treated with exploration brachial artery and repair of multiple perforations.
2. JE: Presacral abscess following a gunshot wound to the sacrum treated with extraperitoneal drainage.
3. JD #671: GSW abdomen with large laceration intrahepatic IVC, perforation of the diaphragm and massive right hemothorax. Treated with exploratory thoracotomy, and patient expired in OR.
4. FR: GSW chest and neck with fracture of sternum and right clavicle with transection right subclavian vessels and right common carotid artery and laceration innominate artery and aortic arch. Operation was exploratory thoracotomy, and patient expired in OR.

12/24/70: Staff, Dr. Friend

1. RD: GSW right arm, forearm, and abdomen. Treated with debridement of arm, saphenous vein graft of the brachial artery, exploratory laparotomy, closure of perforation of diaphragm.

12/25/70: Staff, Dr. A.J. Walt; chief resident, John Watts

1. EB: GSW back with through-and-through laceration of the right lobe of the liver, a 2.5-cm entrance and 2.5-cm exit, not bleeding. There was fracture of the pelvis of the right kidney with lacerations of the renal vein and artery. The operative procedure was right nephrectomy, cholecystostomy tube drainage for liver study.
2. PC: MVC with facial lacerations and acute abdomen with positive peritoneal lavage. Laparotomy showed through-and-through fracture of the left lobe of the liver just lateral to falciform ligament. Treated with left hepatic lobectomy and cholecystostomy tube drainage.



February 13th



JANUARY 2022



WSU MONTHLY CONFERENCES

2022

Death & Complications Conference
Every Wednesday from 7-8



Didactic Lectures — 8 am
Kresge Auditorium

The weblink for the New WebEx Room:
<https://davidedelman.my.webex.com/meet/dedelman>

Wednesday, February 2

Death & Complications Conference

“Update on the Appropriate Use of Stress Ulcer Prophylaxis in the Critically Ill”
Heather Dolman, MD

Wayne State University Michael & Marian Ilitch Department of Surgery

Wednesday, February 9

Death & Complications Conference

“Leak in the GI Tract: Who U Gonna Call? - The “VAC” Man
Frank A. Baciewicz, MD

Chief, Division of Cardiothoracic Surgery, WSU/Chief, Thoracic Surgery, Karmanos Cancer Institute

Wednesday, February 16

Death & Complications Conference

“Updates in Abdominal Wall Reconstruction”
Abigail E. Chaffin, MD, FACS, CWSP, FAPWCA

Tulane University School of Medicine, New Orleans, LA

Wednesday, February 23

Death & Complications Conference

“Hospitals Are Not Safe Enough”
Jeffrey R. Kangas, MD

Anesthesiology, Harper University Hospital



**Wayne State Surgical Society
2022 Donation**

Name: _____

Address: _____

City/State/Zip: _____

Service Description	Amount
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2021 Dues Payment _____ \$200	_____
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My contribution for "An Operation A Year for WSU" _____	_____
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*Charter Life Member _____ \$1000	_____
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Total Paid _____

Payment by Credit Card

Include your credit card information below and mail it or fax it to 313-993-7729.

Credit Card Number: _____

Type: MasterCard Visa Expiration Date: (MM/YY) _____ Code _____

Name as it appears on card: _____

Signature: _____

Billing address of card (if different from above):

Street Address _____

City _____ State _____ Zip Code _____

*I want to commit to becoming a charter life member with payment of \$1000 per year for the next ten (10) years.

Send check made payable to **Wayne State Surgical Society** to:

Charles Lucas, MD
Department of Surgery
Detroit Receiving Hospital, Room 2V
4201 St. Antoine Street
Detroit, Michigan 48201

MARK YOUR CALENDARS

*American Surgical Association 142nd
Annual Meeting
Chicago Marriott Downtown, Magnificent Mile
Chicago, Illinois
April 7-9, 2022*

*WSU Medical Alumni Reunion
Weekend
Detroit, Michigan
May 13-15, 2022*

*Michigan Chapter of the American
College of Surgeons Annual
Meeting
Grand Traverse Resort and Spa
Traverse City, Michigan
May 18-20, 2022*



**Please Update Your
Information**

The WSUSOM Department of Surgery wants to stay in touch. Please email Charles Lucas at clucas@med.wayne.edu to update your contact information.



Missing Emails

Over the years the WSU Department of Surgery has lost touch with many of its alumni. If you know the email, address, or phone number of the following WSU Department of Surgery Residency Program graduates please email us at clucas@med.wayne.edu with their information so that we can get them on the distribution list for the WSU Department of Surgery Alumni Monthly Email Report.

Mohammad Ali (1973)

David B. Allen (1992)

Tayful R. Ayalp (1979)

Juan C. Aletta (1982)

Kuan-Cheng Chen (1976)

Elizabeth Colaiuta (2001)

Fernando I. Colon (1991)

David Davis (1984)

Teoman Demir (1996)

Judy A. Emanuele (1997)

Lawrence J. Goldstein (1993)

David M. Gordon (1993)

Raghuram Gorti (2002)

Karin Haji (1973)

Morteza Hariri (1970)

Harrison, Vincent L. (2009)

Abdul A. Hassan (1971)

Rose L. Jumah (2006)

R. Kambhampati (2003)

Aftab Khan (1973)

Samuel D. Lyons (1988)

Dean R. Marson (1997)

Syed A. Mehmood (2007)

Toby Meltzer (1987)

Roberto Mendez (1997)

Mark D. Morasch (1998)

Daniel J. Olson (1993)

David Packer (1998)

Y. Park (1972)

Bhavik G. Patel (2004)

Ami Raafat (1998)

Kevin Radecki (2001)

Sudarshan R. Reddy (1984)

Renato G. Ruggiero (1994)

Parvid Sadjadi (1971)

Samson P. Samuel (1996)

Knavery D. Scaff (2003)

Steven C. Schueller (1974)

Anand G. Shah (2005)

Anil Shetty (2008)

Chanderdeep Singh (2002)

David G. Tse (1997)

Christopher N. Vashi (2007)

Larry A. Wolk (1984)

Peter Y. Wong (2002)

Shane Yamane (2005)

Chungie Yang (2005)

Hossein A. Yazdy (1970)

Wayne State Surgical Society

The Wayne State Surgical Society (WSSS) was established during the tenure of Dr. Alexander J. Walt as the Chairman of the Department of Surgery. WSSS was designed to create closer contact between the current faculty and residents with the former resident members in order to create a living family of all of the WSU Department of Surgery. The WSSS also supports department activities. Charter/Life Membership in the WSSS is attained by a donation of \$1,000 per year for ten years or \$10,000 prior to ten years. Annual membership is attained by a donation of \$200 per year. WSSS supports a visiting lecturer each fall and co-sponsors the annual reception of the department at the annual meeting of the American College of Surgeons. Dr. Scott Davidson (WSU/GS 1990/96) will pass the baton of presidency to Dr. Larry Narkiewicz (WSU/GS 2004/09) at the WSSS Gathering during the American College of Surgeons meeting in October 2022. Members of the WSSS are listed on the next page. Dr. Davidson continues in the hope that all former residents will become lifetime members of the WSSS and participate in the annual sponsored lectureship and the annual reunion at the American College of Surgeons meeting.



*Members of the Wayne State Surgical Society
Charter Life Members*

Ahn, Dean	Bouwman, David	Fromm, Stefan H.	Johnson, Jeffrey R.	McGuire, Timothy	Rosenberg, Jerry C.	vonBerg, Vollrad J. (Deceased)
Albaran, Renato G	Bradley, Jennifer	Fromm, David G	Johnson, Pamela D.	McIntosh, Bruce	Sankaran, Surya	Washington, Bruce C.
Allaben, Robert D. (Deceased)	Cirocco, William C.	Galpin, Peter A.	Kovalik, Simon G.	Missavage, Anne	Sarin, Susan	Walt, Alexander (Deceased)
Ames, Elliot L.	Clink, Douglas	Gayer, Christopher P.	Lange, William (Deceased)	Montenegro, Carlos E.	Sferra, Joseph	Weaver, Donald
Amirikia, Kathryn C.	Chmielewski, Gary W.	Gerrick Stanley	Lau, David	Narkiewicz, Lawrence	Shapiro, Brian	Whittle, Thomas J.
Anslow, Richard D.	Colon, Fernando I.	Grifka Thomas J. (Deceased)	Ledgerwood, Anna M.	Nicholas, Jeffrey M.	Silbergleit, Allen	Williams, Mallory
Sntoniolli, Anita L.	Conway, W. Charles	Davidson, Tomasz D.	Lim, John J.	Novakovic, Rachel L.	Smith, Daniel	Wills, Hale
Auer, George	Davidson, Scott B.	Herman, Mark A.	Lucas, Charles E.	Perrone, Erin	Smith, Randall W.	Wilson, Robert F.
Babel, James B.	Dujon, Jay	Hinshaw, Keith A.	Malian, Michael S.	Porter, Donald	Stassinopoulos, Jerry	Wood, Michael H.
Bassett, Joseph	Edelman, David A.	Holmes, Robert J.	Martin, Donald J., Jr.	Ramnauth, Subhash	Sullivan, Daniel M.	Zahriya, Karim
Baylor, Alfred	Francis, Wesley	Huebl, Herbert C.	Maxwell, Nicholas	Rector, Frederick	Sugawa, Choichi	
	Flynn, Lisa M.			Rose, Alexander	Tuma, Martin	

Members of the Wayne State Surgical Society—2022 Dues

Alpandre, Cristiano V.	Dulchavsky, Scott A.	Joseph, Anthony	Meade, Peter C.	Taylor, Michael G.
Asfaw, Ingida	Edwards, Ryan	Kaderabek, Douglas J.	Mueller, Michael J.	Tennenberg, Steven
Bambach, Gregory A.	Fernandez-Gerena, Jose	Klein, Michael D.	Noorily, Michael	Thomas, Gregory A.
Baylor, Alfred	Gallick, Harold	Kosir, Mary Ann	Paley, Daniel S.	Thoms, Norman W.
Bucci, Lorenzo	Goltz, Christopher J.	Larson, Sarah	Phillips, Linda G.	Vasquez, Julio
Carlin, Arthur	Hamamdjian, Khatch	Liebold, Walt	Schwarz, Karl W.	Ziegler, Daniel W.
Dawson, Konrad L.	Hilu, John	Lopez, Peter	Shaheen, Kenneth W.	Zoellner, Steven M.
Dente, Christopher	Holmes, Robert	Malian, Michael S.	Siegel, Thomas S.	
Dolman, Heather	Jeffries, Christopher	McGee, Jessica D.	Spencer, Amy	



February 21st

*Operation-A-Year
January 1—December 31, 2022*



The WSU department of Surgery has instituted a new group of alumni who are remembering their training by donating the proceeds of one operation a year to the department. Those who join this new effort will be recognized herein as annual contributors. We hope that all of you will remember the department by donating one operation, regardless of difficulty or reimbursement, to the department to help train your replacements. Please send you donation to the Wayne State Surgical Society in care of Dr. Charles E. Lucas at Detroit Receiving Hospital, 4201 St. Antoine Street (Room 2V), Detroit, MI, 48201.

Albaran, Renato G.	Cirocco, William C.	Francis, Wesley	Hinshaw, Keith A.	Ledgerwood Anna M.	McIntosh, Bruce	Sankaran, Surya	Sullivan, Daniel M.
Anslow, Richard D.	Chmielewski, Gary W.	Gallick, Harold	Holmes, Robert J.	Lim, John J.	Missavage, Anne	Sferra, Joseph	Tuma, Martin
Antoniolli, Anita L.	Conway, W. Charles	Gayer, Christopher P.	Huebel, Hubert C.	Lopez, Peter	Nicholas, Jeffrey	Siegel, Thomas S.	Whittle, Thomas J.
Anthony, Joseph	Davidson, Scott	Gutowski, Tomasz D.	Johnson, Jeffrey R.	Malian, Michael	Novakovic, Rachel L.	Silbergleit, Allen	Williams, Mallory
Bambach, Gregory A.	Dujon, Jay	Hamamdjian, Khatch	Johnson, Pamela D.	Maxwell, Nicholas	Perrone, Erin	Smith, Randall W.	Wills, Hale
Bradley, Jennifer	Edelman, David A.	Herman, Mark A.	Joseph, Anthony	McGuire, Timothy	Porter, Donald	Sugawa, Choichi	Wood, Michael H.

WSU SOM ENDOWMENT

The Wayne State University School of Medicine provides an opportunity for alumni to create endowments in support of their institution and also support the WSSS. For example, if Dr. John Smith wished to create the “Dr. John Smith Endowment Fund”, he could donate \$25,000 to the WSU SOM and those funds would be left untouched but, by their present, help with attracting other donations. The interest at the rate of 4% per year (\$1000) could be directed to the WSSS on an annual basis to help the WSSS continue its commitment to improving the education of surgical residents. Anyone who desires to have this type of named endowment established with the interest of that endowment supporting the WSSS should contact Ms. Lori Robitaille at the WSU SOM> She can be reached by email at lrobitai@med.wayne.edu.