



AANS/CNS Cerebrovascular Section

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2019 CV Executive Council Meeting Minutes Monday, February 4, 2019 12:30-2:00pm Honolulu, HI

CV Section EC Meeting
Monday, February 4, 2019
Honolulu, HI

Attendees

Officers:

J. Mocco, Chair
Babu Welch, Chair Elect
Michael Lawton, Vice Chair
Clemens Schirmer, Secretary
Adnan Siddiqui, Treasurer

Albuquerque, Felipe
Arthur, Adam
Bain, Mark
Dehdashti, Amir
Ellis, Jason
Fraser, Justin
Garrett, Karen
Gonzalez, Fernando
Howard, Brian
James, Robert
Kellner, Chris

Lavine, Sean
Lawton, Michael
Mack, William
Mocco, J.
Nakaji, Peter
Niemal, Mika
Russin, Jonathan
Schirmer, Clemens
Siddiqui, Adnan
Simon, Scott
Singer, Justin
Tjoumakaris, Stavropoula
Welch, Babu

Guest Attendees
None

Meeting began at 12:35pm HST on February 4, 2019

Meeting Agenda

<p>Officer & Standing Committee Updates</p> <ul style="list-style-type: none"> Minutes from the CV Section CNS Meeting (Dr. Schirmer) Treasurer's Report (Dr. Siddiqui) Fundraising Committee (Dr. Siddiqui) Membership Update (Dr. Mack) Nominating Committee (Dr. Zipfel) Bylaws/Rules & Regulations Committee (Dr. James) Website Committee (Dr. Russin) <p>Annual Meeting Updates</p> <ul style="list-style-type: none"> 2019 CV Sect/SNS (Dr. Bain, Simon, Tjoumakaris) 2019 ISC (Dr. Huang, Kim, and Ducruet) 2019 AANS Meeting (Dr. Simon, Tjoumakaris) 2019 CNS Meeting (Dr. Simon, Tjoumakaris, Washington, Osban) Robert J Dempsey, MD Cerebrovascular Resident Research Award (Dr. Baikaya) CV Sect C. Getch Research Award (Dr. David) CV Traveling Fellowships (Dr. Arthur, Schirmer) Dancy Medal (Dr. Zipfel) 	<p>Project Updates</p> <ul style="list-style-type: none"> NREF (Dr. Cockroft) IACCF (Dr. Cockroft, Dr. Patel) Cerebrovascular Coalition (Drs. Cockroft, Amin-Hanjani) JC Technical Advisory Panel RE: CSC certification (Dr. Bambakidis) Matrix and Milestones (Dr. Bambakidis) CNS Education Division (Dr. Bambakidis) CNS Nexus (Dr. Nakaji) CAST/Training Standards (Dr. Siddiqui, Day) DAISI (Dr. Siddiqui) Washington Committee (Katie Orrico, Dr. Woo) Coding & Reimbursement (Dr. Schirmer, Dr. Woo) Rapid Response Committee (Dr. Woo, Mocco, Khalesi) QOD (Dr. Connolly, Dr. Mocco) JGC/CV Section Guidelines Committee (Dr. Weldt) MOC Vascular Module (Dr. Siddiqui) SNS update (Dr. Arthur) SVIN Liaison (Dr. Jankowitz) International Liaison (Dr. Nimela) Newsletter Committee (Dr. Ducruet) YNS Liaison (Dr. Howard) Resident and fellow courses (Dr. Kellner, Binning, Arthur, Mascitelli) 3C meeting (Dr. Siddiqui) <p>New Business</p> <ul style="list-style-type: none"> Strategic Planning (Dr. Mocco)
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Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019





American Association of Neurological Surgeons



Congress of Neurological Surgeons

Minutes

DR. CLEMENS SCHIRMER

Two quick items, we have a hashtag on twitter cvsection2019.
 Motion to approve the minutes, motion to approve, seconded,
 minutes are approved



Congress of
Neurological
Surgeons

Treasurer's Report

DR. ADNAN SIDDIQUI

	Current Year 12/31/2018	Prior Year 12/31/2017
Assets		
Checking & Short Term Investments	177,880	240,314
Accounts Receivable, net of Allowa. Uncollectible Accounts	4,395	76,595
Long-Term Investment Pool, at Mar..	778,747	885,208
Total Assets	961,022	1,202,117
Liabilities and Net Assets		
Liabilities		
Accounts Payable and Current Liabi.	5,000	0
Deferred Dues	0	65,300
Total Liabilities	5,000	65,300
Net Assets		
Unrestricted	902,399	847,177
Unrestricted - Donaghy	62,206	60,740
Unrestricted - Galbraith	32,418	31,767
Unrestricted - Leussenhop	20,286	19,398
Unrestricted - Drake	9,711	10,055
Unrestricted - Yasargil Lectureship	66,959	65,285
Net Revenue (Expense)	(137,957)	102,396
Total Net Assets	956,022	1,136,817
Total Liabilities and Net Assets	961,022	1,202,117

AANS/CNS
Cerebrovascular Section
State of Financial
Position for the six
months ending Monday,
December 31, 2018



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



We continue to sit fairly well overall. Most of our funds remain in long term investments with NREF. Our liabilities remain stable.

AANS/CNS Cerebrovascular Section
Statement of Activities for the six months
ending Monday, December 31, 2018

	FY '16 Final	FY '17 Final	FY'18 Final	FY'19 YTD	FY '19 Budget
Expenses					
Audio Visual	20,563	8,333	11,074	1,932	9,000
Bank Fee	1,324	1,254	1,318	58	1,300
Contributions & Affiliations	35,000	50,000	30,000	30,000	50,000
Food & Beverage	19,585	13,928	11,174	18,031	14,000
Honoria & Awards	42,717	35,651	46,777	2,118	45,000
Office & Other Supplies	55	7	53	0	0
Postage & Distribution	264	229	219	547	250
Printing/Typesetting	9	185	0	0	200
Website	14,120	11,822	1,260	4,135	4,800



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



AANS/CNS Cerebrovascular Section
Statement of Activities for the six months
ending Monday, December 31, 2018

	FY '16 Final	FY '17 Final	FY'18 Final	FY'19 YTD	FY '19 Budget
Revenues					
Membership Dues	60,160	61,388	64,164	32,020	60,500
Contributions/Sponsorships	32,500	15,000	40,293	0	45,000
AANS/CNS support Finance & Mem...	9,356	10,005	6,899	3,866	10,837
Misc Revenues	0	6,000	0	0	0
Annual Meeting Revenue	381,135	338,330	304,142	4,005	360,000
Total Revenue and Support	483,152	430,723	415,498	39,891	476,337



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Membership dues are at about 50%, we expect that to continue to accrue. Our total revenue is about 415K for 2018. Its not quite as high as 2016, primarily because our biggest revenue generation is our annual meeting. We were concerned that being in Hawaii would be a problem. JM: Our revenue from the meeting is having a consistent decline
Back to 2010 there was a progressive rise in revenue. For this years budget we are anticipating a revenue of 360K

AANS/CNS Cerebrovascular Section
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Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



AANS/CNS Cerebrovascular Section
Statement of Activities for the six months
ending Monday, December 31, 2018

	FY '16 Final	FY '17 Final	FY'18 Final	FY'19 YTD	FY '19 Budget
Administrative Assistance	8	18,148	14,365	2,049	15,000
Telephone	95	8	1,114	0	0
Volunteer Travel	8,868	1,584	1,653	384	2,000
Tours/Transportation	1,410	1,515	232	1,200	1,500
Staff Coordination	10,344	10,391	7,416	3,864	12,075
Annual Meeting Expense	306,335	290,891	286,162	0	320,000
Total Expense	460,697	443,945	412,816	64,319	475,125
Investment Earnings	(4,999)	60,132	56,934	(113,528)	0
Net Excess (Loss)	17,456	46,910	59,616	(137,957)	1,212



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Most of our expenses remain stable, we are now more into the maintenance faze

Overall, our net income is close to 60K, note that annual meeting expense needs to be subtracted from annual meeting expense. There's not a whole lot of actual profit from the annual meeting. This year we are concerned that our expenses accrue earlier than the income. We expect to end up in excess

NOTES TO FINANCIAL STATEMENTS
December 31, 2018

Balance Sheet

Account Payable & Current Liabilities: Actual \$5,000

Contributions/Sponsorships	Amounts:
Christopher Getch – FY18	\$5,000

**General and Administrative
Revenues**

Contributions for Operating Expenses: Budget \$10,837, Actual \$3,866

Financial Management \$2,404
Membership Management \$1,462

Annual Meeting: Budget \$360,000, Actual \$4,005

We received an additional \$4,005 for CV Annual Meeting from 2018.



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above are some of the contributions that have been made

NOTES TO FINANCIAL STATEMENTS
December 31, 2018

Expenses

Audio Visual – Budget \$9,000, Actual \$1,932

The expenses consisted of Audio Visual related expenses at the CNS Annual Meeting in the fall of 2018.

Bank Fee: Budget \$1,300, Actual \$58

To have credit card processing, there is a 3.5% (Average) charge for all gross revenues.

Contributions and Affiliations Budget: \$50,000, Actual \$30,000

Contributions/Sponsorships	Amounts:
NREF	\$20,000
Washington Committee	\$10,000

Food & Beverage – Budget \$14,000, Actual \$18,031

The CV Section food and beverages at the CNS Annual Meeting in the fall of 2018 was \$7,457. \$1,000 for food and beverages back in April 2017 and \$9,574 for Fleming Dinner back in January 2018. We didn't received the bill for April 2017 or the January 2018 until this year.



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



We continue to sponsor contributions to NREF

NOTES TO FINANCIAL STATEMENTS
December 31, 2018

Honoraria & Awards – Budget \$45,000, Actual \$2,118

Honoraria & Awards:	Amounts:
Galbraith Lecture	\$500
Hopkin Lecture	\$1,000
Cost to produce the Awards Certificates	\$618

Website – Budget \$4,800, Actual \$4,135

The cost for the website maintenance.

Administrative Assistance – Budget: \$15,000, Actual \$2,049

CV admin support for Karen Garrett was \$1,125 and \$924 was Michele Heaphy expenses back in January 2018.

Tour & Transportation – Budget - \$1500, Actual \$1200

This was the transportation charged back in January 2018 for \$1,200.

Volunteer Travel – Budget - \$2,000, Actual \$384

Reimbursement on the travel for Dr. Raul G. Noguiera.

Staff Coordination: Budget \$12,075, Actual \$3,864

Financial Management \$2,402
Membership Management \$1,462



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



We additionally have streamlined the above

Joint Sections Awards/Educational Grants/Fellowships – FY20

Awards/Educational Grants/Fellowships name	Cost of Award (s)	Potential Corporate Donors or Source of Funding from prior years	Amount to be Requested
Robert J. Dempsey Award – (2 Awards at \$15,000 each)	\$30,000	Toshiba American Medical System	\$15,000 (Contract thru 2019)
Robert J. Dempsey Award		KLS-Martin	\$5,000
Robert J. Dempsey Award		Microvention	\$15,000
CV Best Scientific Paper Award (Laboratory)	\$1,500	CV Section Support	\$1,500
CV Best Scientific Paper Award (Clinical)	\$1,500	CV Section Support	\$1,500
Donaghy Award	\$1,000	Section Support	
Drake Lecture Award	\$1,000	Section Support	
Galbraith Award	\$1,000	Section Support	
Luessenhop Award	\$1,000	Section Support	
Yarsargil Lecture	\$1,000	Section Support	
CV Research Lecture	\$1,000	Section Support	
Dacey Cerebrovascular Research Fellowship	\$50,000	WashU and Fundraising (\$25k plus) and Section (up to \$25k)	\$25,000



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



This is the whole slate of honoraria and awards, the largest amount is the Dacey fellowship, sitting at 50K. We also have the Dempsey award which is accrued and awarded each year. We have commitment now from Canon to continue sponsoring

Fundraising Committee

Dr. Siddiqui
Dr. Zipfel
Dr. Arthur
Dr. Nakaji
Dr. Cockroft
Dr. Mocco



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Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Congress of
Neurological
Surgeons

Fund Raising Goals

Create a culture of philanthropy for the benefit of the CV Section

Report during EC meetings on annual giving to the Section based on reports prepared by the NREF

Encourage 100% participation by Section Officers

Encourage 100% participation by EC members

Encourage participation by Section members



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Surgeons

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Congress of
Neurological
Surgeons

We continue to encourage people to contribute to NREF, please note on your donation that this is being made on behalf of the CV section. I'm happy to report that we have had 100% participation. We ask that people consider NREF, it's tax exempt

Fund Raising Goals

Create a culture of philanthropy for the benefit of the CV Section

Report during EC meetings on annual giving to the Section based on reports prepared by the NREF

Encourage 100% participation by Section Officers

Encourage 100% participation by EC members

Encourage participation by Section members



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



We continue to encourage people to contribute to NREF, please note on your donation that this is being made on behalf of the CV section. I'm happy to report that we have had 100% participation. We ask that people consider NREF, it's tax exempt

Current Awards

Meeting reports that show all the CV contributions, donations, and individual giving to either NREF Research CV, Education CV, Outcome CV, and the CV Fellowship Travel. Starting 2018



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slide was reviewed

Current Awards

Drake lecture \$1000
Galbraith award \$1000
Yasargil Lecture \$1000
Donaghy Lecture \$1000
Lussenhop Lecture \$1000
Hopkins Lecture \$1000
Ralph Dacey Lecture \$1000



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above are current awards, but we usually get this money donated back

Current Awards

At each meeting CV Annual, AANS and CNS give out one each

Resident Research \$500

Resident Clinical \$500

Dempsey Research Awards (2) \$15,000



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slide was reviewed



THE NEUROSURGERY RESEARCH AND EDUCATION FOUNDATION
 Summary of CV Funds
 12/31/2018

	FY16	FY17	FY18	FY19
Summary of CV Funds				
Charles Drake Fund	19,884	22,266	24,309	24,309
CV Traveling Fellowship		303,390	313,106	313,106
CV Research Lectureship			60,351	60,351
Warren R. Selman			3,562	3,562
*Research CV	163,911	139,202	98,654	98,654
*Outcome CV			639	639
*Education CV			29,646	29,646
Total of CV Funds	183,795	464,858	530,267	530,267

*These funds are controlled by NREF



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



This is the status of the CV funds. We are currently at about 530K, one discussion was to try to expedite that fund growth. We have funds available for research, some of which have been funded. I think Adam Arthur really helped gain sponsorship.

Nominating Committee Report

Dr. Gregory J. Zipfel



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Nominating Committee Members

Members

- Chair
 - Greg Zipfel (Immediate Past Chair)
- Members
 - Kevin Cockroft (Second Past Chair)
 - J Mocco (Chair)
 - Babu Welch (Chair Elect)
 - Michael Lawton (Vice- Chair)
 - Fernando Gonzalez (Elected Member, 2018-19)
 - Andrew Ducruet (Elected Member, 2018-19)



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The Above Slide was Reviewed

Nominating Committee Report

- Call for nominations on September 20, 2018
 - Robust response received
 - 2 individuals nominated for Chair
 - 4 individuals nominated for Vice-chair
 - 6 individuals nominated for Treasurer
 - 11 individuals nominated for MAL
 - 3 individuals nominated for Nominating Committee
- Conference call held on December 15, 2018 to begin decision making
- In-person meeting to be held on February 5, 2019 to finalize slate of candidates
- Voting by membership to begin February 2019



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



J. Mocco reviewed the above

Membership Update

Dr. William Mack



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



CV Section Membership Winter 2019

CV Section stats as of January 15, 2019

Member Class	Subclass	2018 Dues	Winter 2019 Members	Spring 2018 Members	Fall 2018 Members
Adjunct	60D	\$100	39	40	39
Active	01S	\$150	407	395	391
Lifetime/Senior	20S	\$0	111	110	110
International	40S	\$50	69	67	65
Medical Student	15M	\$0	20	18	23
Resident	50R	\$0	1,801	1,827	1,813



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Nothing really new to address as far as membership, we try to go back and collect dues from those who haven't paid. The list is manageable

CV Section Membership

2017 Spine and Tumor sections

Gives AANS applicants the option to check a box when applying for AANS membership to advise us if they would become members of any of the sections.

Saves time for the sections : pre-vetted, pre-screened by the AANS Membership Committee, no further review is necessary.

Once the AANS applicant's membership is approved, Kristin Zervas (CV Section Coordinator) gets an automated report of who is to be given membership in the section(s) they requested.



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The new effort is we're going to increase membership and make it easier to sign up for membership when you sign up for AANS membership. It saves time and paperwork.

Bylaws & Rules & Regulations Committee

Dr. Robert F. James (Chair)

Dr. Stacey Wolfe

Dr. Alex Spiotta

Link to vote for Dacey Medal Selection Committee
Resolution:

<https://www.surveymonkey.com/r/CVBylaws>



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



We set up the voting mechanism for the Dacey medal committee. You can now vote, voting will close by the next meeting. We have to have 75% yes in order for it to pass.

Website Update

Dr. Jonathan Russin



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Website Committee

News – Chris Griessenauer, Joseph Linzey

Patients – Peter Kan

Members – Aditya Pandey, Chris Roark, Rabih Tawk

Meetings – Rose Du

Education – Justin Mascitelli, Amir Dehdashti, Daniel Heiferman

International – Leonardo Rangel-Castilla

Awards & Grants – Scott Simon

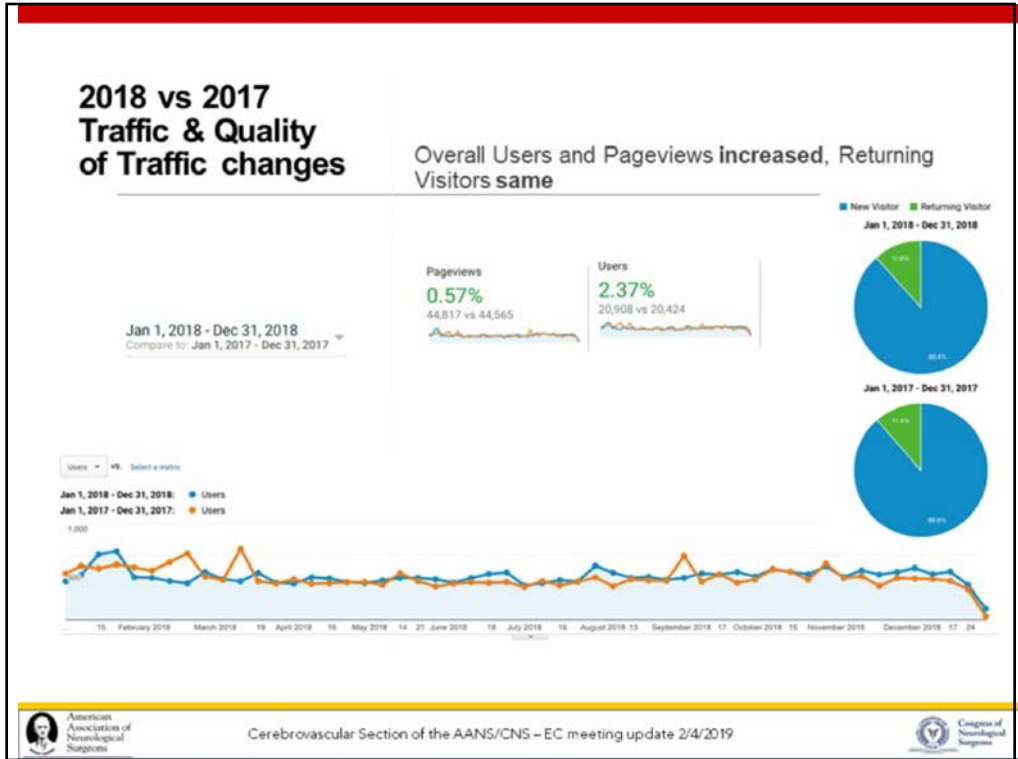
Research – Scott Simon, Josh Osbun



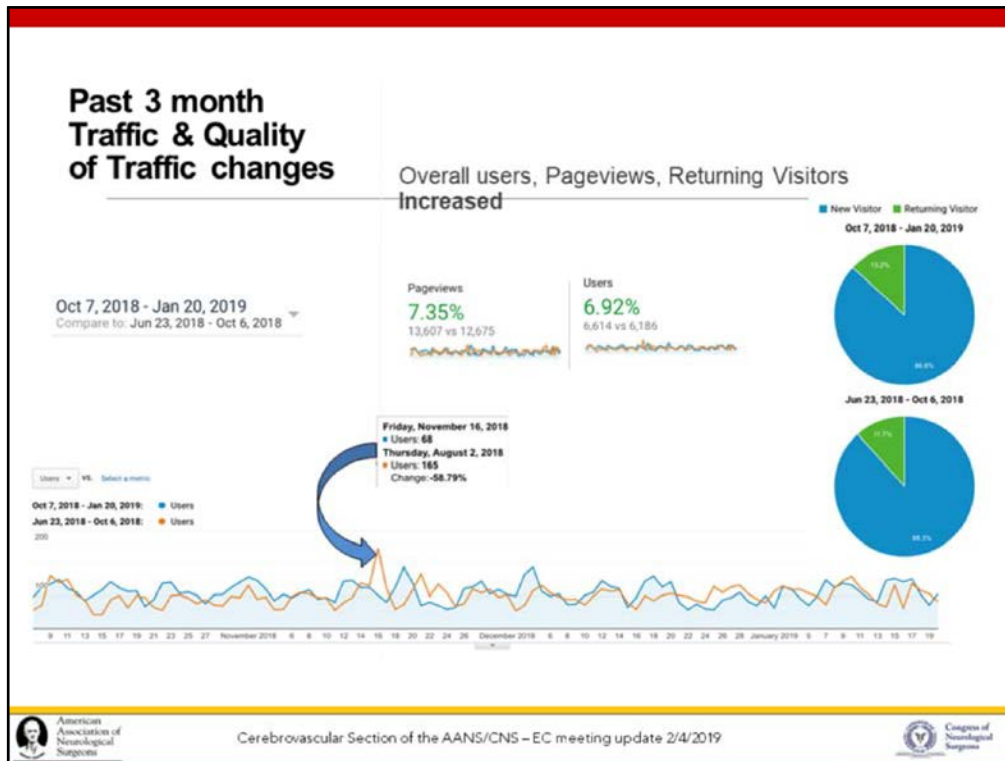
Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



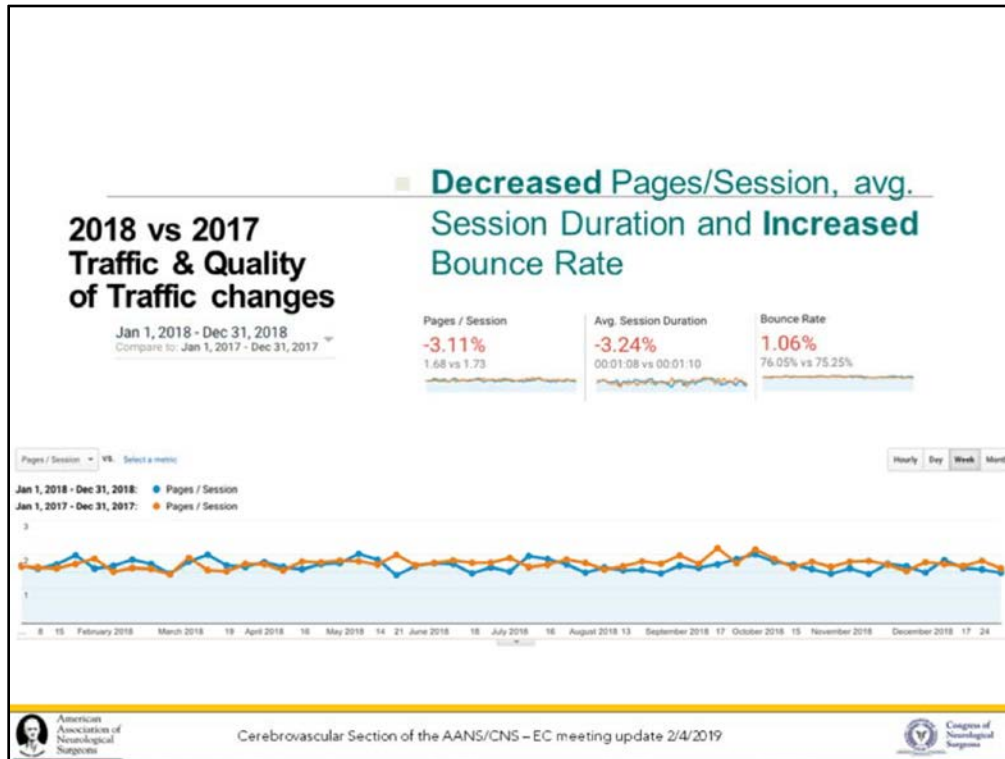
I'd like to mention Joseph and Chris, they did the welcome slide to help get people to follow us. In order to get physicians, members, and patients, please share this to get people to the website



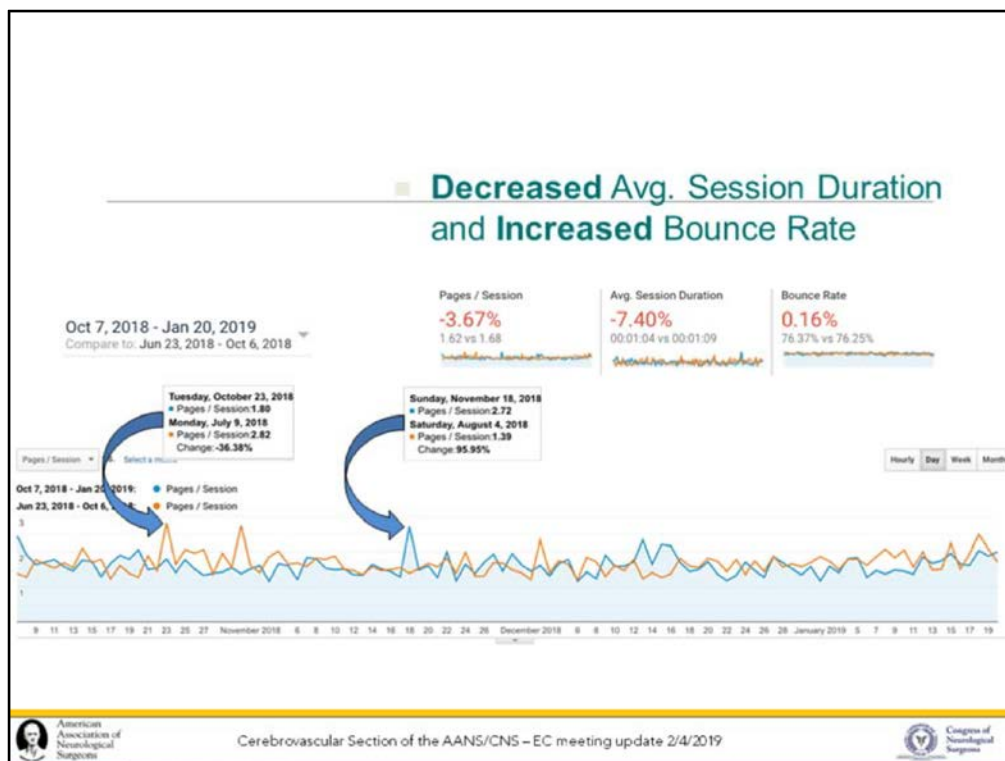
Overall users and page views could be artificially increased in 2018 by referral spammers.



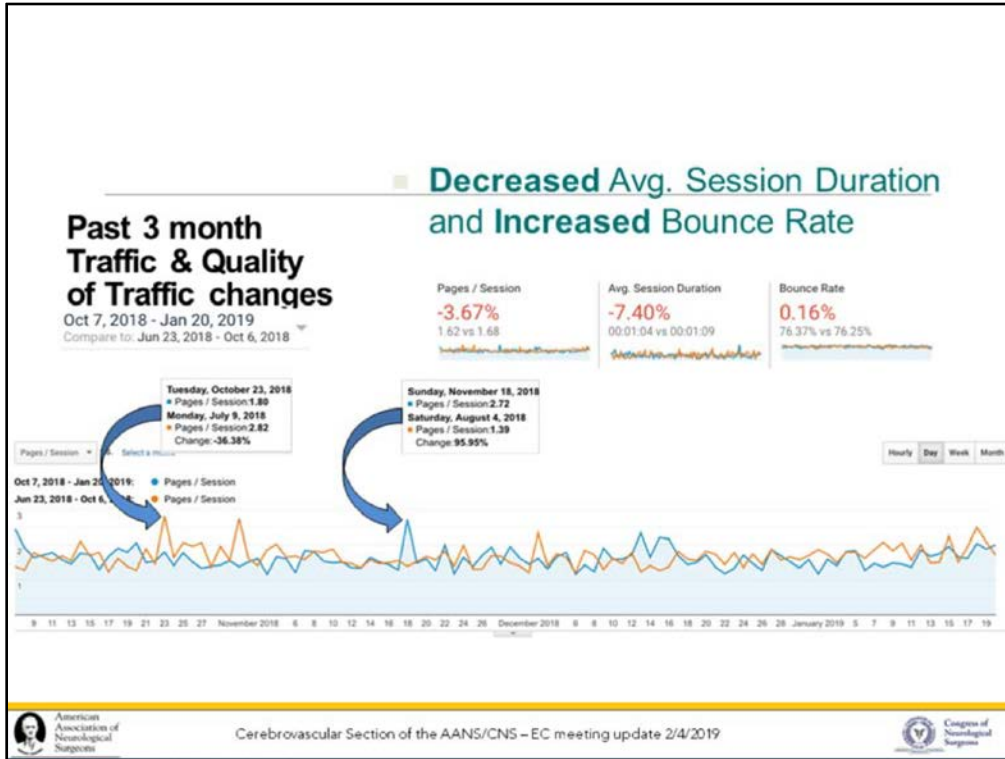
Overall users and page views could be artificially increased in past 3 months by referral spammers.



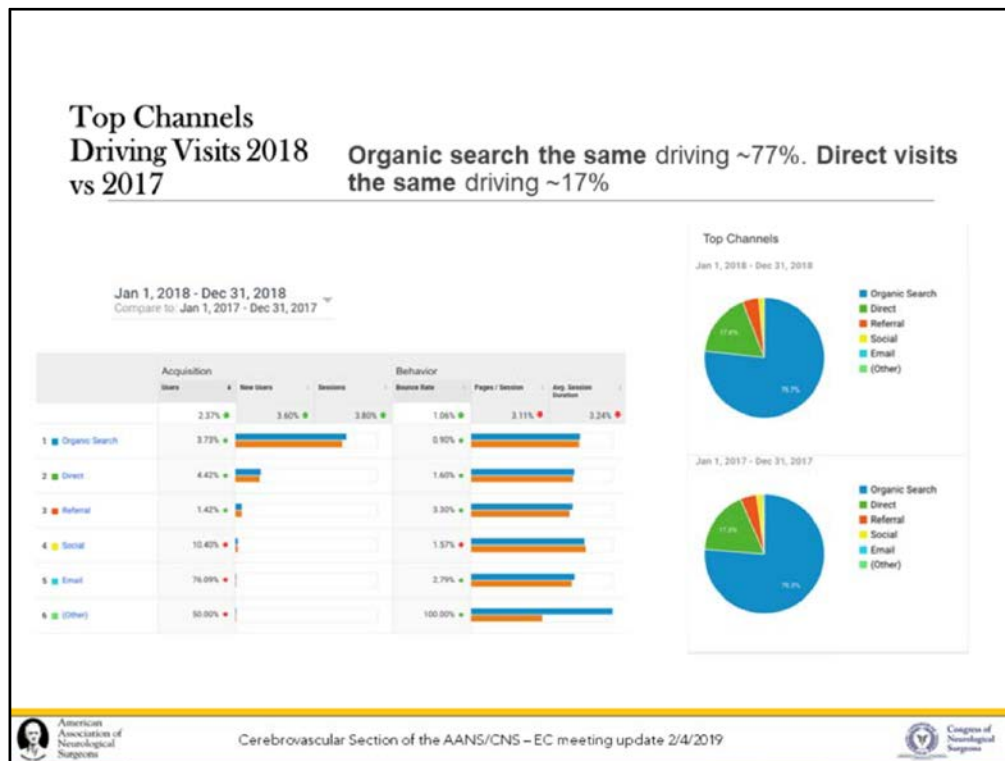
Increased bounce rate and session duration likely affected by referral spammers (likely the same in reality).



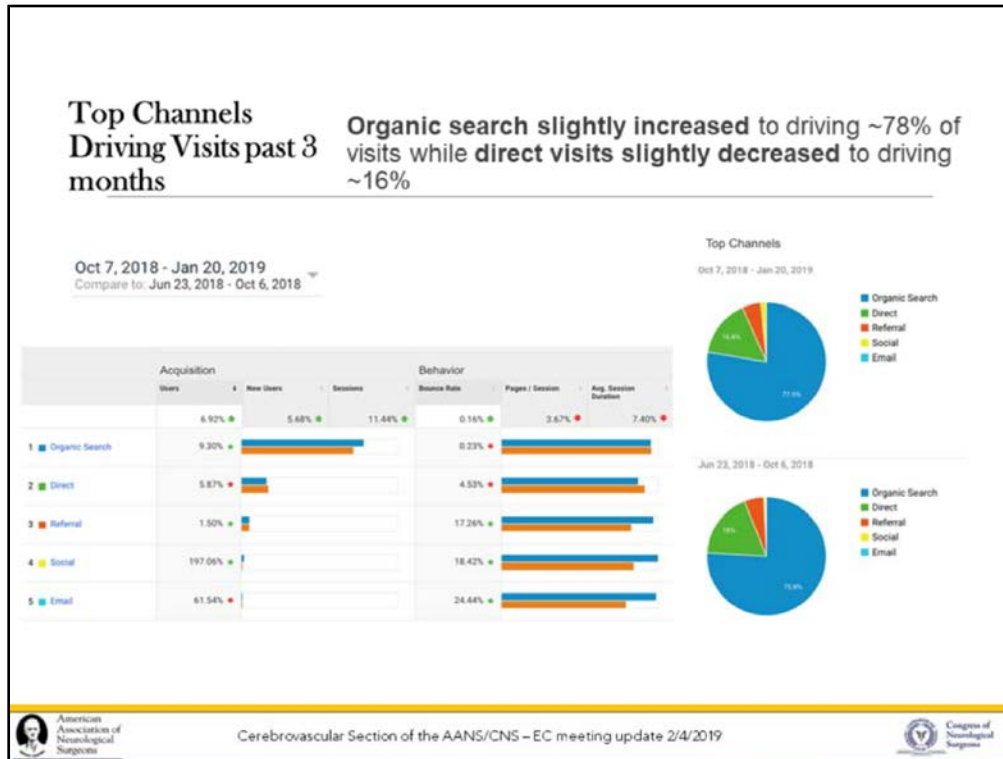
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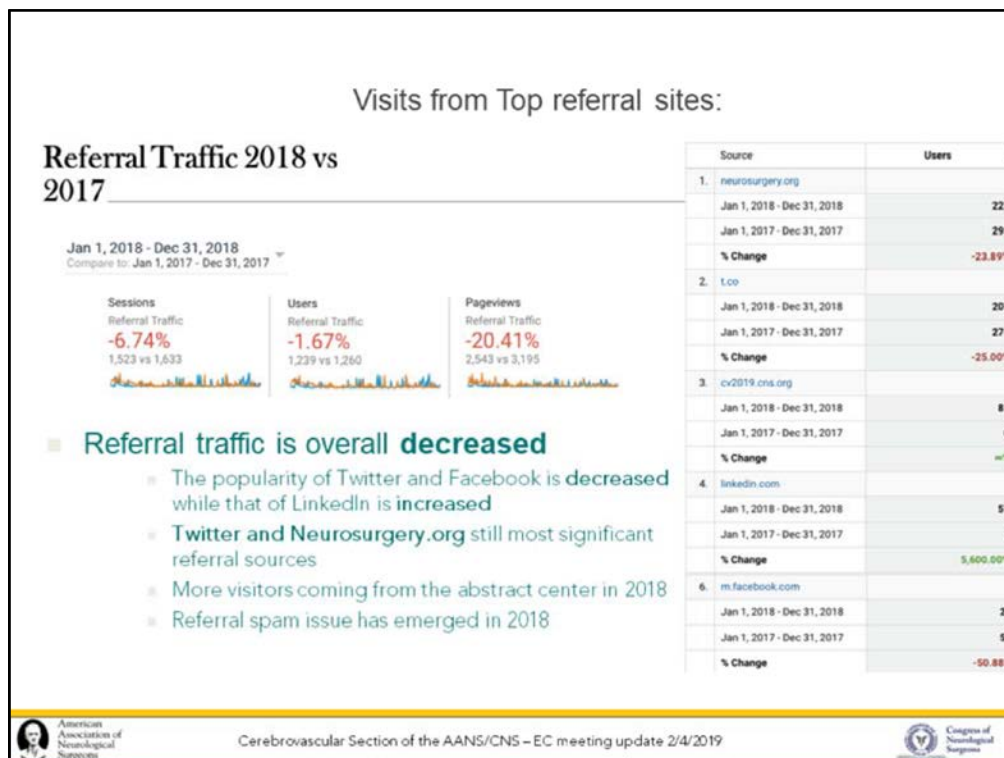
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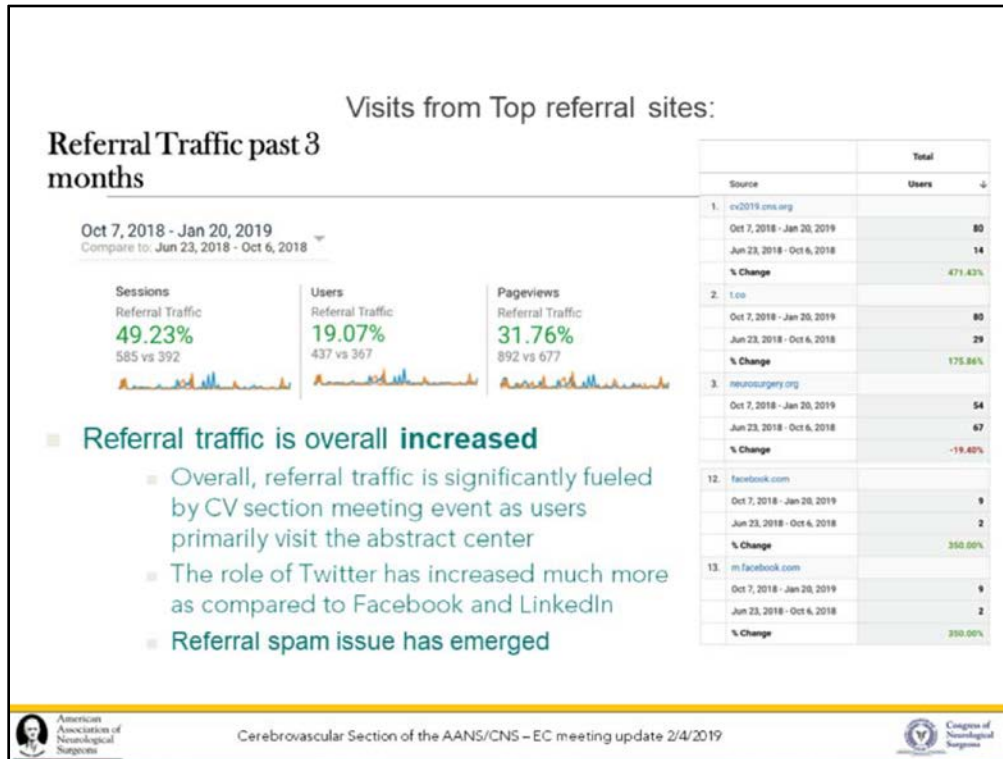
Reviewed above slide



We're just starting this push for social media, we set up a hoot suite account. I emailed out a content editor, so that we can get content out for people to see and get it back to the website



Important note: it seems like your google analytics website has been targeted by spammers. In reality, the referral numbers are likely even more decreased.



Important note: it seems like your google analytics website has been targeted by spammers. Most positions between #3 (neurosurgery.org) and #12 (facebook.com) are filled by spammer websites like 99-reasons-for-seo.com which were not on the list before. Apparently, they are aiming to affect your traffic results. Those are artificially created views with 100% bounce rate. There is a way of blocking these for future, but I don't think you can remove them from current report. I suggest consulting with someone who knows about this like IT or something.

Top Pages Visited 2018 vs 2017

- Meetings, Home, DVA, cavernoma, AVF drive majority of visits
- Number of visits decreased or unchanged in majority of categories

Page	Pages	Unique Pages	Avg. Time on Page	Bounces	Bounce Rate	% Exit
	0.57% ▲	2.92% ▲	4.46% ▲	3.80% ▲	1.06% ▲	3.21% ▲
1. /meetings/112	6,457 (14.4%)	4,981 (11.4%)	00:02:42	3,999 (14.4%)	77.17%	71.94%
Jan 1, 2018 - Dec 31, 2018						
Jan 1, 2017 - Dec 31, 2017	4,829 (14.4%)	4,197 (11.4%)	00:03:09	3,543 (14.4%)	75.17%	69.23%
% Change	-2.98%	-8.32%	-14.63%	1.42%	2.66%	2.62%
2. /	4,425 (14.4%)	3,672 (11.4%)	00:00:55	3,347 (14.4%)	41.38%	41.54%
Jan 1, 2018 - Dec 31, 2018						
Jan 1, 2017 - Dec 31, 2017	4,425 (14.4%)	3,660 (11.4%)	00:00:51	3,323 (14.4%)	41.72%	41.54%
% Change	0.00%	0.33%	8.82%	0.72%	-0.79%	2.97%
3. /patients/cerebrovascular-diseases/developmental-versus-acquired-dys 147	3,883 (14.4%)	3,269 (11.4%)	00:01:50	3,172 (14.4%)	79.40%	75.85%
Jan 1, 2018 - Dec 31, 2018						
Jan 1, 2017 - Dec 31, 2017	4,721 (14.4%)	4,021 (11.4%)	00:01:54	3,928 (14.4%)	79.61%	77.34%
% Change	-18.17%	-18.90%	-0.32%	-19.25%	-1.51%	-1.92%
4. /patients/cerebrovascular-diseases/cavernous-malformations/cavernoma 146	3,556 (14.4%)	3,254 (11.4%)	00:03:15	2,884 (14.4%)	80.29%	82.79%
Jan 1, 2018 - Dec 31, 2018						
Jan 1, 2017 - Dec 31, 2017	3,363 (14.4%)	3,053 (11.4%)	00:02:45	2,632 (14.4%)	90.39%	81.96%
% Change	5.74%	6.65%	18.16%	9.37%	-1.22%	8.99%
5. /patients/cerebrovascular-diseases/cerebrovascular-fistulas-w/ 145	3,442 (14.4%)	3,023 (11.4%)	00:03:07	2,856 (14.4%)	85.57%	81.00%
Jan 1, 2018 - Dec 31, 2018						
Jan 1, 2017 - Dec 31, 2017	4,909 (14.4%)	4,362 (11.4%)	00:02:58	4,220 (14.4%)	85.85%	82.52%
% Change	-29.80%	-30.76%	5.90%	-31.37%	-0.33%	-1.74%



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Overall, referral spammers do not appear in top 5 so not as many fake views as compared to these actual page views in a year perspective (mostly happened in the end of 2018).

The above is the popularity of pages

Top Pages Visited past 3 months

- Meetings, Home, news about inaugural CV traveling fellowship experience and information about courses drive majority of visits
- Number of visits increased in majority of categories
- Referral spam issue has emerged

Page	Pages	Unique Pages	Avg. Time on Page	Bounces	Bounce Rate	% Exit
Referral Traffic	31.76% ▲	48.21% ▲	19.54% ▲	49.23% ▲	17.71% ▲	13.26% ▲
1. /meetings/112	278 (15.17%)	209 (11.65%)	00:02:12	191 (10.65%)	76.44%	69.78%
Oct 7, 2018 - Jan 20, 2019						
Jan 23, 2018 - Oct 6, 2018	52 (11.49%)	34 (11.15%)	00:01:38	27 (11.49%)	56.67%	55.77%
% Change	434.62%	514.71%	34.71%	607.41%	14.64%	25.13%
2. /	260 (15.19%)	227 (12.49%)	00:03:30	221 (12.49%)	71.96%	72.69%
Oct 7, 2018 - Jan 20, 2019						
Jan 23, 2018 - Oct 6, 2018	353 (15.19%)	245 (12.49%)	00:03:25	262 (15.19%)	64.50%	68.84%
% Change	-26.35%	-14.34%	2.39%	-15.65%	11.54%	5.60%
3. /news/detail/2018-2019-inaugural-aans-cns-cerebrovascular-traveling-fellowship-awards-regio 1 their-experience-1272	50 (15.19%)	50 (12.49%)	00:01:29	47 (12.49%)	95.74%	92.00%
Oct 7, 2018 - Jan 20, 2019						
Jan 23, 2018 - Oct 6, 2018	0 (15.19%)	0 (12.49%)	00:00:00	0 (15.19%)	0.00%	0.00%
% Change	n/a	n/a	n/a	n/a	n/a	n/a
5. /education/cerebrovascular-courses-137	24 (15.19%)	23 (12.49%)	00:01:27	14 (12.49%)	58.71%	61.54%
Oct 7, 2018 - Jan 20, 2019						
Jan 23, 2018 - Oct 6, 2018	11 (15.19%)	10 (12.49%)	00:02:19	6 (12.49%)	63.33%	54.55%
% Change	136.36%	130.00%	-37.52%	133.33%	2.86%	12.82%

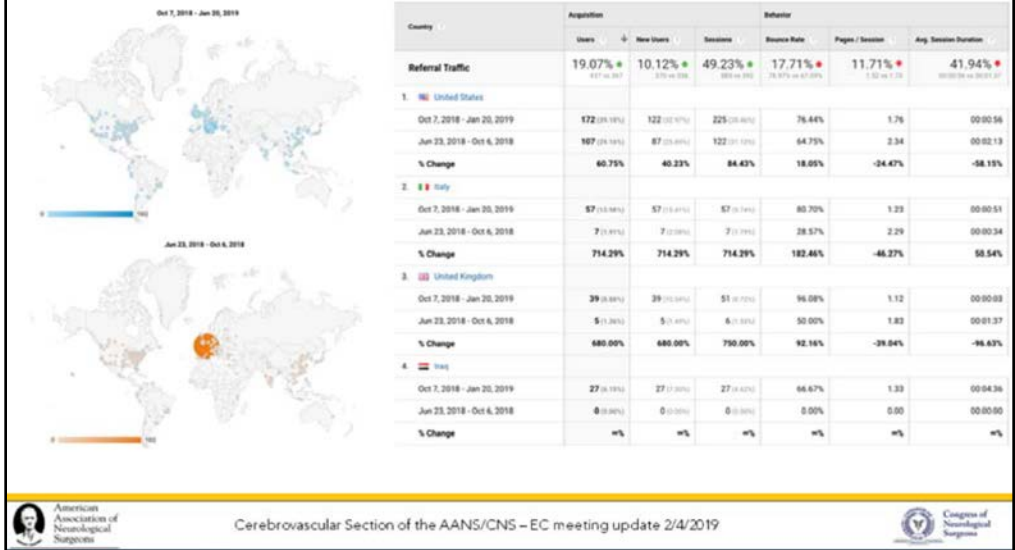


Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



I removed #4 which was a fake visit target with 0 time spent on site (this drives the significant decrease of average time on page and increase of the bounce rate).

Visitor Location past 3



Looks like spammers mostly come from Norway (time on website 0 and bounce rate 100%)... I did not include it in the screenshot.
 Iraq is a new user while views from Italy and UK have significantly increased.
 CS: Please remember we have a hash tag for cv section 2019



Annual Meeting Updates

2019 CV Section Meeting

Dr. Tjoumakaris

Dr. Bain

Dr. Simon



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



CV Section

Partnership with WFNS CV Surgery Around the World

Australia, India, New Zealand, Netherlands, Helsinki,
Canada, Japan

AVM Multimodality Treatment (transvenous
embolization)

5 minute rapid fire abstract presentations



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019




WE had a nice start this morning with the WFNS, continuing this afternoon . Later on we have AVM, in addition to trans-arterial & micro surgical.

CV Section


Ralph Dacey Lecture: Sander Connolly

Taste of Hawaii Reception

ICH Dinner Symposium

 American Association of Neurological Surgeons

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

 Congress of Neurological Surgeons


The Above Slide was reviewed

CV Section


Flow Diversion Frontiers

Stroke Care Systems

Luncheons: Transradial, dolichoectatic fusiform aneurysms, spinal AVMs, dissecting pseudoaneurysms, bifurcation aneurysms

 American Association of Neurological Surgeons

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

 Congress of Neurological Surgeons

Above slide is reviewed

CV Section

CV Section Chair Address J Mocco

Luessenhop Lecture: Dr. Sakai

New Treatments and Technologies



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slide was reviewed

2019 ISC Meeting

Dr. Judy Huang



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



2019 ISC

Thursday, 2/7/19 Vascular Malformations 7:00 AM - 8:30 AM

Session 217. Moya Disease: What's Behind the Smoke?

- Babu Welch and William Mack - Moderators
- Gary Steinberg



American
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Neurological
Surgeons

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



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Surgeons

We have two sessions at ISC, listed on the slide

2019 AANS Meeting)

Dr. Simon

Dr. Osbun



American
Association of
Neurological
Surgeons

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019




Congress of
Neurological
Surgeons


2019 AANS Meeting

Scientific Section 1

- Monday, April 15
- Moderators: Michael Levitt, Eric Peterson
- Abstracts
- Yasargil: Josh Bederson
- Greg Zipfel: dAVF
- Late breaking abstracts
- Rapid fire abstracts

 American Association of Neurological Surgeons

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019


 Congress of Neurological Surgeons

AANS Meeting, first sessions will be on Monday, the remainder of the above slide was reviewed


2019 AANS Meeting

Scientific Section 2

- Wednesday, April 17
- Moderators: Jarod Knopman, Josh Osbun
- Donaghy: John Wilson
- Point/Counter Point: ICH
 - Simon, Bain, Spiotta
- Business meeting 4:30

 American Association of Neurological Surgeons

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

 Congress of Neurological Surgeons

Note: There's no Tuesday session, the second session is going to be on Wednesday. The business meeting will follow the Wednesday session

2019 CNS Meeting

Dr. Simon

Dr. Tjoumakaris

Dr. Washington

Dr. Osbun



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



2019 CNS Meeting (Proposed as of 12/3)

Courses

- A New Era in Stenting
- Bypass Techniques in Cerebrovascular Surgery

Dinner Seminar

- Multi-modality AVM treatment in the past, present, and future

Interactive

- Treatment of Cerebral aneurysms
- Treatment of Cerebral AVM/dAVF



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



We're going to do a few courses on Saturday & Sunday.

The above slide is reviewed



2019 CNS Meeting (Proposed as of 12/3)

Section Session Non-abstract time (45 minutes):

- Future Training of the Cerebrovascular Neurosurgeon Dinner Seminar

Guidelines/Sunrise

- Cerebrovascular Guidelines
- How to build a multi-disciplinary cerebrovascular team




Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019


The Above Slide was reviewed

2019 CNS Meeting (Proposed as of 12/3)

Lunches

- Is Intracerebral Hemorrhage a Surgical Disease?
- Contemporary and Practical Management of an Enigmatic Process: Cerebral Vasospasm (Delayed Cerebral Ischemia)
- Venous stenting for Pseudotumor
- Transradial Approaches to Cerebral Angiography and Neurointervention
- Carotid Artery Disease: Symptomatic/Asymptomatic/Stent/CEA
- Implementation and Management of Community Stroke Networks and Thrombectomy Centers
- Device Development in Cerebrovascular Neurosurgery
- Artificial Intelligence in Cerebrovascular Neurosurgery
- Middle meningeal artery embolization for subdural hematoma treatment


Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019


We do need to add that last year CNS ran like a top, everything was done before Christmas. If you're waiting for your invitation, we've given the info for CNS, we are just waiting to hear back from them. Our team has done a great job, but what you're seeing could change.

BW: This is the first year for the AANS that micro vascular surgery course was not approved for content.

Robert J. Dempsey, MD Cerebrovascular Research Award 2017-2018 Annual Update

Mustafa K. Baskaya, MD, Chair

Director of Skull Base Surgery

Professor of Neurological Surgery

Cerebrovascular and Skull Base Surgery

University of Wisconsin, Department of Neurological Surgery



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Cerebrovascular Section of the American Association of Neurological Surgeons and The Congress of Neurological Surgeons once again awarded two \$15,000 Resident Research Awards in Cerebrovascular Disease in 2017-18.

Of the outstanding applications, winners of this award for 2017-18 are:

Demi W. Dawkins, MD from the University of Wisconsin with her project, “C-arm Cone Beam CTA & CTP with Acetazolamide Challenge in Aneurysmal Subarachnoid Hemorrhage: Evaluating Predictability for Early Ischemia in Cerebral Vasospasm.”

Davis G. Taylor, MD from University of Virginia with his project, “Role of Perivascular Macrophages in Delayed Cerebral Injury Following Subarachnoid Hemorrhage.”



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Dr. Schirmer reported for Dr. Baskaya: The winners were Demi Dawkins and Davis Taylor.

CV Section C. Getch Research Award

Dr. David



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



No report

CV Traveling Fellowships

Dr. Arthur

Dr. Schirmer



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



CV Section Traveling Fellowship Award

First awards given @ annual meeting 2018

- Drs. Andrew Carlson and Peter Kan
- Report @ 2019 annual meeting

Second round of awards

- Drs. Kim Rickert (NY) and Gaurav Gupta (NJ)

Topics covered

- Bypass, endovascular stroke management, trial design

Thank you to the committee members

- Adam Arthur and Clemens Schirmer – Co-Chairs
- Christoph Griessenauer
- Patrick Han
- Brian Jankowitz
- Adam Oliver
- Joshua Osburn

Funds from Medtronic and Microvention

- Other sources under discussion

AANS/CNS Cerebrovascular Section and the
Neurosurgery Research & Education Foundation

are pleased to present

Peter Kan, MD, FRCPC

with the

Microvention Cerebrovascular Traveling Fellowship

January 2019

Los Angeles, California

Kathleen
McMichael

AANS/CNS Cerebrovascular Section and the
Neurosurgery Research & Education Foundation

are pleased to present

Andrew D. Carlson, MD, PhD, FRCPC

with the

Medtronic Joint Section Cerebrovascular
Traveling Fellowship

January 2019

Los Angeles, California



American
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Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Congress of
Neurological
Surgeons

This is the second year, we had a few applications only, so one of the biggest asks is to drum up some interests in this. You are recipients of this. The first awards went to Peter Kan and Andrew Carlson. The second rounds will be awarded later. There's a common thread, they want to learn about bypasses, trials, thanks to Adam for helping to get this going, and get the funding. We also got funding from Microvention and Medtronic.

Dacey Medal for Outstanding Cerebrovascular Research

Purpose

- Highlight the importance of cerebrovascular research to our specialty, foster scientific investigation in the areas of stroke and cerebrovascular disease, and recognize neurological surgeons who have made novel, outstanding, and continuous contributions to the basic, translational, and/or clinical understanding of cerebrovascular disease

Committee

- Chair – Past Dacey Medal awardee (3-year term)
 - Ralph G. Dacey, Jr. (Term 2019-2021 awardees)
- CV section members – Second past chair, Immediate Past Chair, and Chair at time of award
 - Kevin Cockroft, Greg Zipfel, and J Mocco
- Senior neurosurgeon-investigator (3-year term)
 - Mitch Berger (Term 2019-2020 awardees)



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



There's a dacey medal committee that met and viewed a large number of applications. He'll be giving his lecture this afternoon.

Dacey Medal for Outstanding Cerebrovascular Research

2019 Dacey Medal

- Nominations sought through letters to Department Chairs and e-blast to CV section membership
- Nominations submitted to CV section Secretary (Clemens Schirmer)
- Received 11 nominations / 8 candidates
- Committee conference call held on May 10, 2018



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019




The above slide was reviewed

Dacey Medal for Outstanding Cerebrovascular Research

2019 Dacey Medal to be awarded to Sander Connolly

- Medal to be awarded on February 4, 2019 at JCVS annual meeting
- Chair of CV section (J Mocco) to introduce





Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019





The above slide was reviewed

Dacey Medal for Outstanding Cerebrovascular Research


Thanks to all who financially supported the Dacey Medal!!

- WashU faculty and alumni + Extended "Friends of Ralph"





Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slide was reviewed



NREF Update

Dr. Kevin Cockroft

Project Updates



C. Schirmer: We keep talking about NREF, but we also track donations to the CNS Foundation, that counts towards EC Member contributions at large

A. Siddiqui: If you're really interested in something specific, you can identify it, otherwise Funds should be donated as unrestricted funds. There's currently no option for a non-descript option, Karen to bring this up with Cathy to be added. We're also working on ways to have some clarity so CNS Foundation is clearly seen

J Mocco: We reviewed and are putting forth a policy that we would like to announce. It's a short term drive that the section would like to designate quarter million for 1-1 matching funds for honor your mentor efforts. The funds will not kick in until 30K has been raised. You don't get access to the funds to use them until they hit this amount. It's a potential to really create a strong foundational component for the CV Section. We'd welcome you all to think really hard about how you want to do this.

IACCSF

Cockroft & Patel



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



No report

Cerebrovascular Coalition

Cockroft & Amin-Hanjani



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



No Report

JC TAP/Stroke Center Certification

Matrix and Milestones (Portal)

Dr. Nicholas Bambakidis

- Nothing to Report



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



No Report



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



CNS Education

Dr. Nicholas Bambakidis

- Nothing to Report



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



CNS Education

Dr. Nicholas Bambakidis

- Nothing to Report



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



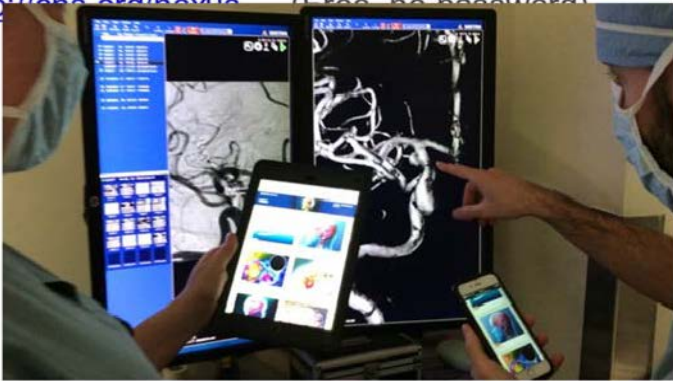

CNS Nexus

Dr. Nakaji

CNS Nexus

Educational Website with Clinical Cases and Techniques

<http://cns.org/nexus> (Free, no password)



American Association of Neurological Surgeons

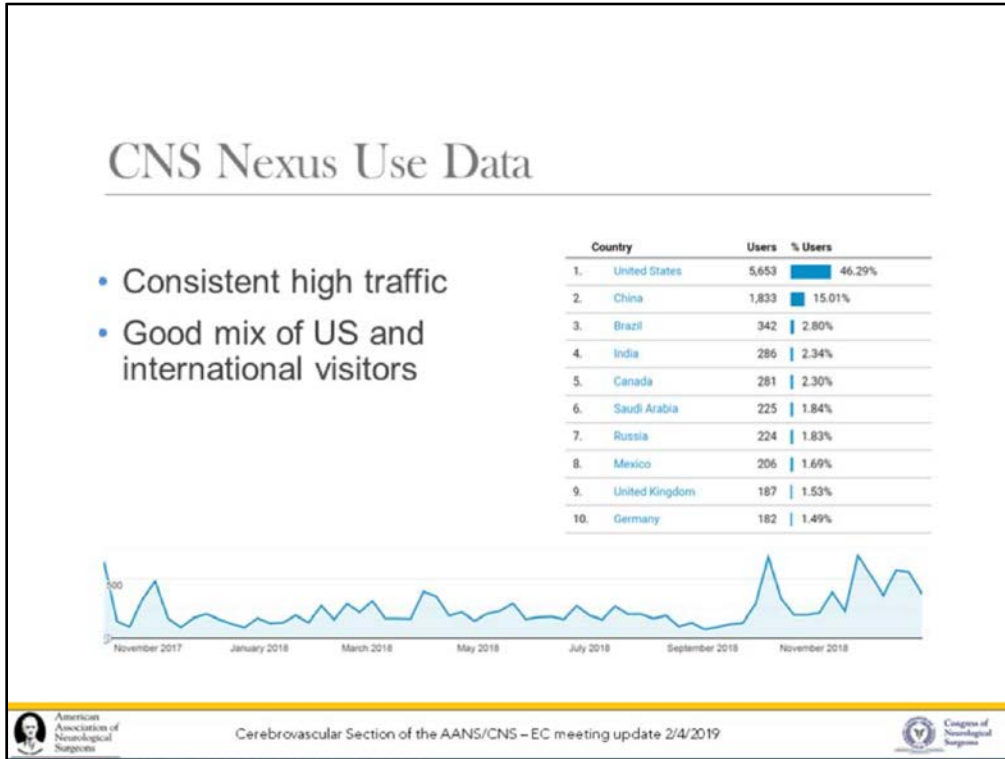
Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

Congress of Neurological Surgeons

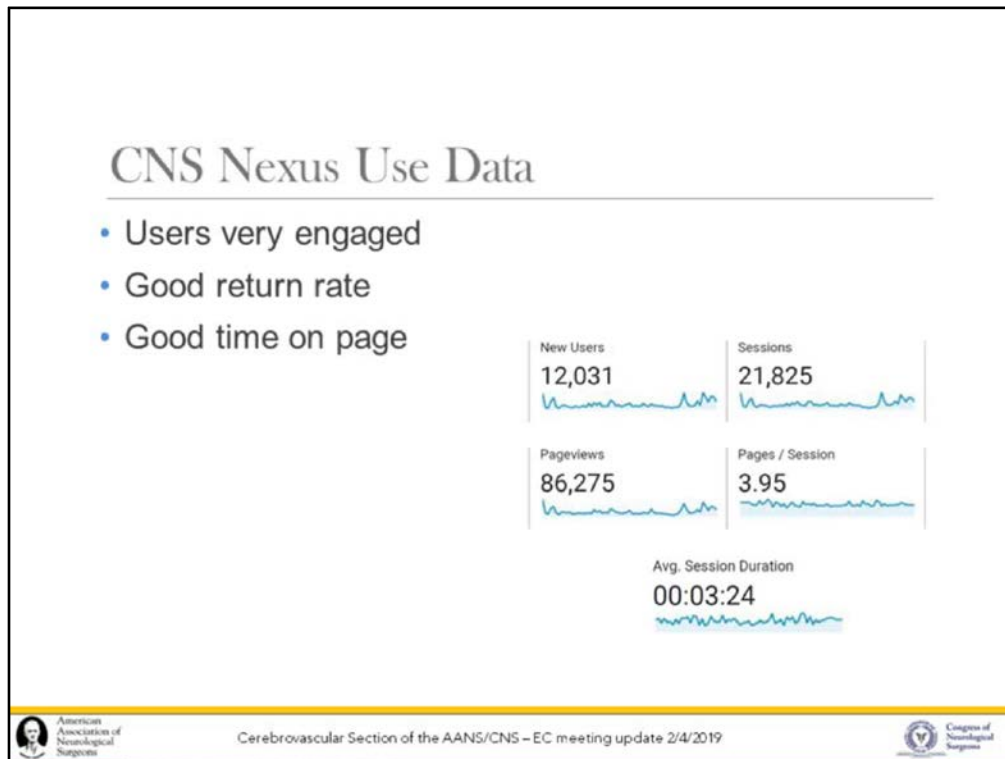
P. Nakaji: This isn't something that's on your phone, it's a website, but it's very easy to find. This is not a comprehensive textbook, you can pop through and get a really nice overview.

A. Siddiqui: Did you ever figure out some kind of acknowledgment?

P. Nakaji: There is a citation guide for IT sites. We are still working through this. Anything that has been used in another CNS publication can be re-used on Nexus. It's not automatic, we have to put more content around it. It takes about an hour to write up a nexus case. There's a new online tour, it's very simple



The above slide was reviewed



The above slide was reviewed

CNS Nexus Use Data

- Vascular content very popular

- More content needed

Page Title	Pageviews	Unique Pageviews
Homepage	21002	16507
Aneurysm	4749	2371
Degenerative	4439	2325
Dural/Meningioma	3374	1658
Intrinsic/Glioma	2904	1411
Front	2828	1368
SDH/ Severe tBI/ trauma crani	2434	1428
Trauma	1892	991
AVM	836	543
Right Parietal VP Shunt	793	574



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slide was reviewed

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Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slide was reviewed

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Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



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Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slides were reviewed

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Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019




The above slide was reviewed

Editorial Board

Co-Chairs	Peter Nakaji, Nicholas Bambakidis
Managing Editor	Maryam Rahman
Endovascular	Yashar Kalani, Leonardo Rangel-Castilla
Epilepsy	Steve Roper
Functional	Francisco Ponce
Open Vascular	Peter Nakaji
Pain	Ahmed Raslan
Pediatric	Krystal Tomei
Peripheral Nerve	Mark Mahan
Pituitary/Endonasal	Garni Barkhoudarian
Spine	Daniel Hoh
Trauma	Martina Stippler
Tumor	Costas Hadjipanayis



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slide was reviewed

Please Contribute

<http://cns.org/nexus>



mfogelson@cns.org Peter.Nakaji@bnaneuro.net

American Association of Neurological Surgeons Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019 Congress of Neurological Surgeons

P. Nakaji: There's a lot of cases that you'll never see published. Also, material can be re-used.

B. Welch: There's parallel movements, with the Surgeons Armamentarium, and Nexus

P. Nakaji: Surgeons Armamentarium is like going into a giant warehouse that goes forever. My idea is that no one is going to pull the first 5 content they can find., Armamentarium is more if you're going to pull 30 cases and go through each and every one. Armamentarium you have to build what you're looking for. Nexus is extremely curated. Armamentarium is really good if you want to have your first 20 or 30 papers. Nexus is good for the night before a case comes in, you can click right through everything. Nothing on Nexus is designed to take any more than 3 minutes. Our bounce rate is 3%, which is extremely low. We have corporate sponsors helping with this, its completely free, no login, etc.

J. Russin: We put a link on our website to mcase, I don't know if instead we should put a link to Nexus.

PN: The advantage to this is the search engine. You can put cases on mcase and also on this. Once you submit a case, you can't take it back. If you want to publish it later, you can.

CAST/Training Standards

Dr. Adnan Siddiqui

Dr. Arthur Day



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



CAST Update

CAST endorsement pending by JACHO for Comprehensive & Thrombectomy Ready Stroke centers for performance of Neuroendovascular procedures

CAST endorsed by ABMS and ACGME to create practice track for all Neuroendovascular training certification and accreditation with NESAC members




Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019




JACHO withdrew their numbers and participation. We had a meeting, and that is being reconsidered.

ABMS has endorsed cast to be the vehicle to provide focused practice certification by parent boards for neuro-intervention to follow the guidelines.


CAST Accreditation of Programs
(as of October 2018)



Programs Approved:	Previously	October 2018	TOTAL
a. Cerebrovascular	9	1	10
b. Endovascular	32	6	38



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019




The above was reviewed


Certification of Individuals

New Applicants (approved, approved pending, tabled, denied)

	applicants	approved	tabled/denied
NES	35	30	2/3
NCC	12	10	0/2
Total:	47	40	2/5



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slide was reviewed. We were originally having 3-4 meetings a year, now we have a meeting in 30 days. If you are board certified you should take the opportunity to be grandfathered in.

NESAC Membership

Neurosurgery JSCVS – Joint Section, Cerebrovascular Surgery (AANS/CNS)

Name	Institution	Term Start	Term End
Brian Hoh, MD**	University of Florida-Gainesville	2015	2020
Adnan Siddiqui, MD	SUNY Buffalo	2015	2019
Howard Riina, MD	New York University	2015	2018

Neurology SVIN – Society of Vascular and Interventional Neurology

Name	Institution	Term Start	Term End
Tudor Jovin, MD**	University of Pittsburgh	2015	2020
Sam Zaidat, MD	Medical College of Wisconsin	2015	2019
Italo Linfante, MD	Miami, FL	2015	2018

Radiology SNIS – Society of Neurointerventional Surgery

Name	Institution	Term Start	Term End
Philip Meyers, MD**	Columbia University	2015	2020
Colin Derdeyn, MD	Washington University at St. Louis	2015	2019
Aquila Turk, MD	Medical University of South Carolina	2015	2018

** denotes signing member of NESAC formation document, finalized Jan 2015



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The above slide was reviewed

I. NESAC Membership

Name	Institution	Term Start	Term End
Howard Riina MD	New York University	2015	2018
Adam Arthur MD	UT Memphis	2018	2021

Name	Institution	Term Start	Term End
Italo Linfante, MD	Miami, FL	2015	2018
Johanna Fifi MD	Mt. Sinai	2018	2021

Name	Institution	Term Start	Term End
Aquila Turk, MD	USC Greenville SC	2015	2018
David Fiorella MD	SUNY Stonybrook	2018	2021



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



We are now 12 strong to deal with increased traffic

Certification of Individuals

New Applicants (approved, approved pending, tabled, denied)

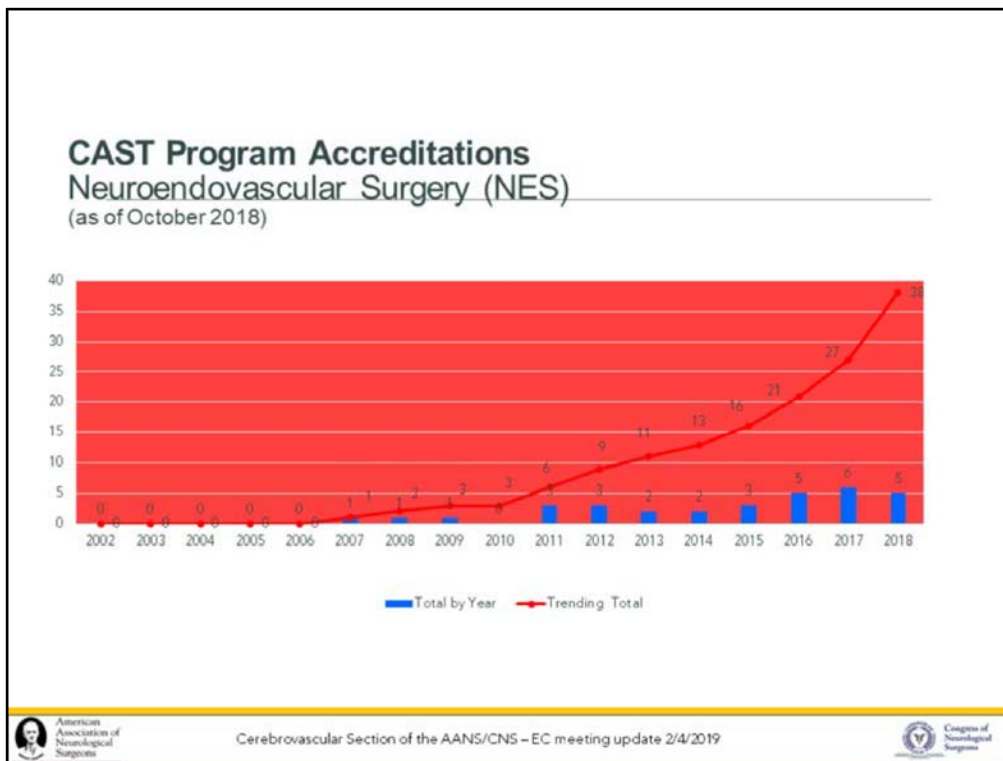
	applicants	approved	tabled/denied
NES	51	34	3/14




Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Most are tabled if they are not board certified.







CAST Individual Certifications

NeuroEndovascular Surgery (NES)

(as of October 2018)

Certificates Approved: Previously April 2018 October 2018

a. Neurosurgeons	63	14	12
b. Neurologists	41	5	14
c. Radiologists	43	11	8
TOTALS	147	30	211


Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019


A. Siddiqui: We have crossed the 200 barrier, which includes 80 neurosurgeons and 50 radiologists. We expect this number to ramp up as the year goes on.

There are issues which have become apparent, proposals are being made and are being considered. If you hear concerns, please reach out to Adam or myself so we can address them. While this is moving forward, it's by no means set.

How to apply

Senior Society Webpage: www.societyns.org

Click on Subspecialty training & fellowships (CAST) tab

Click on either program or individual certification for Neuroendovascular Surgery


Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019


The above slide was reviewed

DAISI Update

Devices for Acute Ischemic Stroke Intervention – A Coordinated Registry Network

Dr. Adnan Siddiqui



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



DAISI Update

Devices for Acute Ischemic Stroke Intervention – A Coordinated Registry Network

CV Section, SNIS, SVIN

◦ Co-Chairs: Adnan Siddiqui (CVS), Sameer Ansari (SNIS), David Liebeskind (SVIN)

NPA – QOD

SNIS – NVQI

AHA - Get with the Guidelines

Industry

FDA

CMS

NIH



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The hope is to look at outcomes based on outcome database that can collect information from a variety of sources. The above are getting merged, so the hope is that there would be multiple sources of data entry.

DAISI Update

NVQI – QOD merger thru M2S

First Project Extension of indication to Posterior Circulation

◦ Partnership between Industry and NVQI-QOD



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The SVIN has committed to joining this group so we have one robust database

Washington Committee Update

Katie Orrico, Henry Woo, Clemens M. Schirmer





Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

Dr. Schirmer presented

AGENDA ITEM	STATUS	
Improve the Health Care Delivery System	<ul style="list-style-type: none"> • American Health Care Act (H.R. 1628) passed the House on 5/5/17 • Continuing funding resolution (H.R. 195) reauthorized Children's Health Insurance Program (CHIP) for six years. Signed into law on 1/22/18 • Bipartisan Budget Act (H.R. 1892) included an additional four years of CHIP funding. Signed into law on 2/9/18 • Tax bill (H.R. 1) repealed the individual mandate to purchase health insurance. Signed into law on 12/22/17 • Continuing funding resolution (H.R. 195) suspended the Cadillac tax for an additional two years to 2022. Signed into law on 1/22/18 	
Support Quality Resident Training and Education	<ul style="list-style-type: none"> • Resident physician Shortage Reduction Act (S. 1301). introduced in the Senate, has 14 cosponsors • Resident Physician Shortage Reduction Act (H.R. 2267). introduced in the House, has 123 cosponsors 	
Abolish the Independent Payment Advisory Board (IPAB)	<ul style="list-style-type: none"> • Bipartisan Budget Act (H.R. 1892) repealed the IPAB. Signed into law on 2/9/18 	
Alleviate the Medical Liability Crisis	<ul style="list-style-type: none"> • Sports Medicine Licensure Clarity Act (S. 808/H.R. 302). Signed into law on Oct. 5, 2018. • Protecting Access to Care Act (H.R. 1215) passed the House on 6/28/17 • Health Care Safety Net Enhancement Act (S. 527) introduced in the Senate, has 5 cosponsors • Health Care Safety Net Enhancement Act (H.R. 548) introduced in the House, has 64 cosponsors • Saving Lives, Saving Costs Act (H.R. 1585) introduced in the House, has 34 cosponsors • Good Samaritan Health Professionals Act (S. 781) introduced in the Senate, has 11 cosponsors • Good Samaritan Health Professionals Act (H.R. 1876) introduced in the House, has 88 sponsors; passed House Energy and Commerce on 2/14/18 	

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

We continue to work towards our issues as outlined above

AGENDA ITEM	STATUS	
Champion Fair Reimbursement	While CMS is moving forward with its global surgery data collection project, requiring neurosurgeons in Fla., Ky., La., Nev., N.J., N.D., Ohio, Ore. and R.I. to report data on post-op visits during the 10- and 90-day global period of certain procedures using CPT code 99024; no changes in global surgery fees will be forthcoming in 2019.	
Modernize Medicare to a Defined Contribution System	House Speaker Ryan has indicated his desire to continue the conversation on how to improve the Medicare program	
Continue Progress with Medical Innovations	<ul style="list-style-type: none"> Continuing funding resolution (H.R. 195) suspended medical device excise tax for two years. Signed into law on 1/22/18 	
Restructure Medicare Quality Improvement Programs	<ul style="list-style-type: none"> 2018 MACRA-Quality Payment Program Final Rule provides greater flexibility, reduces complexity and minimizes potential penalties 2018 Medicare Physician Fee Schedule Final Rule reduces PQRS reporting burden and minimizes penalties Bipartisan Budget Act (H.R. 1892) included additional flexibility to minimize penalties for years 2021-23 and eliminate the requirement that EHR standards become more stringent over time, while also maintaining EHR hardship exemptions. Signed into law on 1/22/18 	

The neurosurgery blog will have a vascular focus month in May. We graciously accepted several peoples unspoken acceptance to bring a blog to the table. If you get that, please accept and contribute. They are only 600-800 words, so short and easy. We tried to come up with agenda items that really shows what we are doing. We will be in touch in the next few weeks about this. We need them probably by the end of march so we have them ready to be edited and finalized by may.

Coding and Reimbursement Committee

Henry Woo, Clemens M. Schirmer

American Association of Neurological Surgeons

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

Congress of Neurological Surgeons

Coding and Reimbursement Committee

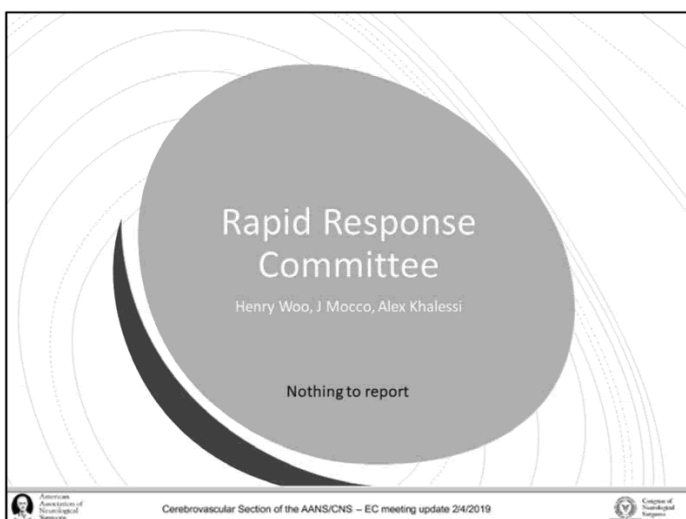
- 37218 – Transcatheter placement of intravascular stent(s), intrathoracic common carotid artery or innominate artery, open or percutaneous antegrade approach, including angioplasty, when performed and radiological supervision and interpretation
 - Created and reviewed in 2014, published in 2015 and placed on the New Technology list to be reviewed in 3 years
 - Action plan submitted not to re-review only 208 claims in 2017
 - If resurveyed likely will need to resurvey the entire family of codes 37215, 37216 and 37217
- 75894 and 75898 – Transcatheter therapy embolization and Angiography through existing catheter S&I codes
 - Identified in 2010 in the 75% or more screen and peripheral codes were created
 - Utilization dropped from >40,000 to less than 10,000
 - Potentially needed to be re-surveyed but action plan not to resurvey was approved by RAW
 - UPDATE: Action plan was accepted - RAW agreed to wait for two more years of data to see if volume continues to decline. For 75898 they also recommended a CPT Assistant Article.
- CCA for Lumbar puncture was submitted at CPT meeting in Boston

American Association of Neurological Surgeons

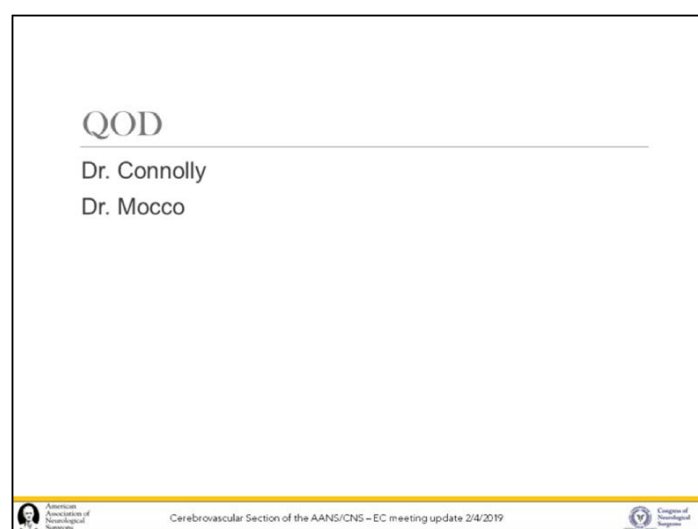
Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

Congress of Neurological Surgeons

75894 & 898 codes, there was concern that because we are the only ones still using them, that someone would ask us to bundle them with 61624. We managed to deflect this for another 2 years.



QOD signed an MOU to merge, so we'll have a single vendor and platform for all CV data. Harbaugh was instrumental in making this happen and gaining support of it. Hopefully this merger will be finalized over the next 6 months, and the hope is the platform becomes the platform for daisy.

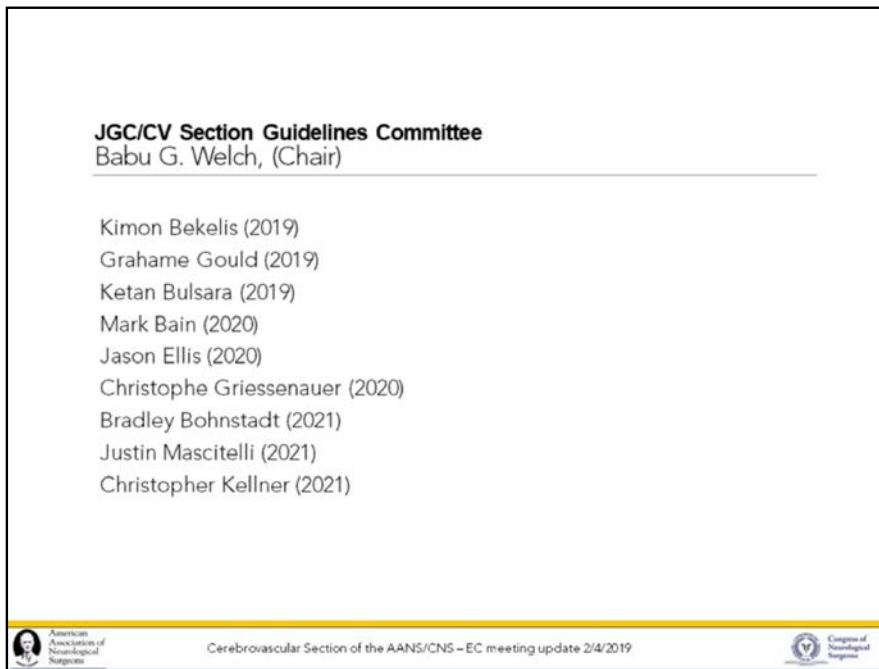


A. Siddiqui: If your institutions are not participating in this, it's not going to work. Our recommendation is that this is not a department expense, but a hospital expense, the mechanisms should be hospital driven. Our hope is by putting this together it should be combined.

B. Welch: how can we make it clearer to our hospitals and systems. There has to be a way to put out a document that there is a merger coming.

J Mocco: It's not clear yet how this is going to be communicated

A. Siddiqui: Because we have not transitioned into the practical aspect of merging these data sources, we don't have that step. We're still in the process of this. We may have to have a standing committee to put something together for this. There's no dotted line or check for them to do.

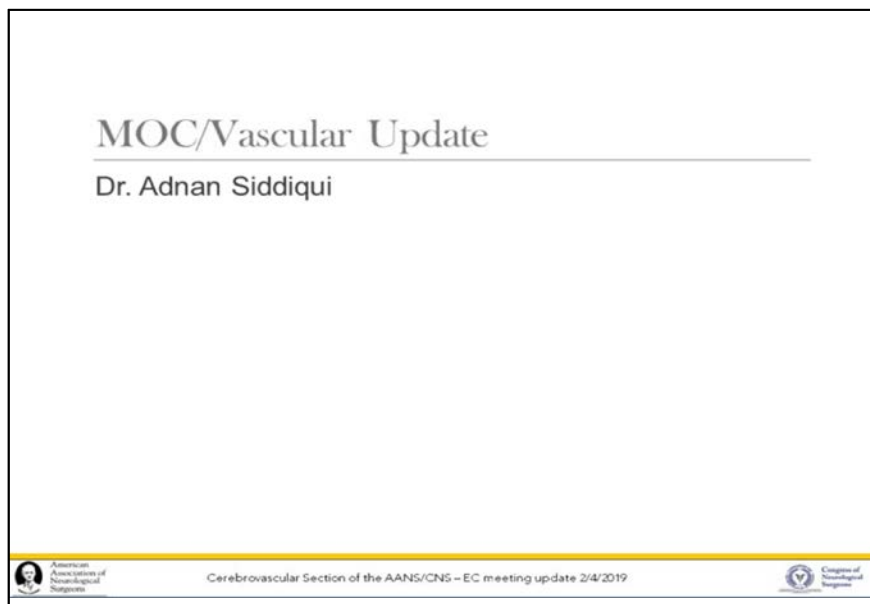


No changes, our group is the same

J Mocco: Babu have you heard about the updated AHA

B. Welch: I reviewed that independently, but nothing is final yet.

A. Siddiqui: The MOC know that we have been maintaining a process with this focus practice track. We created questions years ago, and a request was made for more. They expect to roll out the exam as early as march of this year. My understanding is those of us who are Board Certificate and CAST approved will get the certificate without taking this additional MOC. I can assure that those of us who are not board certified will all have to take the exam to qualify for focused practice.



AS: The MOC know that we have been maintaining a process with this focus practice track. We created questions years ago, and a request was made for more. They expect to roll out the exam as early as march of this year. My understanding is those of us who are Board Certificate and cast approved will get the certificate without taking this additional MOC. I can assure that those of us who are not board certified will all have to take the exam to qualify for focused practice.

SNIS Update

Board of Directors

Adam Arthur, MD

Richard Klucznik, MD

William Mack, MD

G. Lee Pride, MD

Guilherme Dabus, MD

Michael Chen, MD

James Milburn, MD

Peter Kan, MD

Gabor Toth, MD

Blaise Baxter, MD

Donald Frei, MD

Mahesh Jayaraman, MD

J Mocco, MD

Sandra Narayanan, MD – ex officio

Felipe Albuquerque, MD – ex officio

Sameer Ansari, MD, PhD – ex officio

Cooperative Projects

- *Brain Attack Coalition – Stroke care issues*
- *Cerebrovascular Coalition – Neurovascular issues*
- *ACGME Endovascular Surgical Neuroradiology Fellowship/CAST*
- *Meeting programming*
- *Standards*

Standards

Standards of practice in acute ischemic stroke intervention: international recommendations

Laurent Pierot,¹ Mahesh V Jayaraman,² Istvan Szikora,³ Joshua A Hirsch,⁴ Blaise Baxter,⁵ Shigeru Miyachi,⁶ Jeyaledchmy Mahadevan,⁷ Winston Chong,⁸ Peter J Mitchell,⁹ Alan Coulthard,¹⁰ Howard A Rowley,¹¹ Pina C Sanelli,¹² Donatella Tampieri,¹³ Patrick A Brouwer,¹⁴ Jens Fiehler,¹⁵ Naci Kocic,¹⁶ Pedro Villela,¹⁷ Alex Rovira,¹⁸ Urs Fischer,¹⁹ Valeria Caso,²⁰ Bart van der Worp,²¹ Nobuyuki Sakai,²² Yuji Matsumaru,²³ Shin-ichi Yoshimura,²⁴ Rene Anxionnat,²⁵ Herbert Desal,²⁵ Luisa Biscolito,²⁶ José Manuel Pumar,²⁷ Orlando Diaz,²⁸ Justin F Fraser,²⁹ Italo Linfante,³⁰ David S Liebeskind,³¹ Raul G Nogueira,³² Werner Hacke,³³ Michael Brainin,³⁴ Bernard Yan,³⁵ Michael Soderman,³⁶ Allan Taylor,³⁶ Sirintara Pongpech,³⁷ Terbrugge Karet,³⁸ Asian-Australian Federation of Interventional and Therapeutic Neuroradiology (AAFITN), Australian and New Zealand Society of Neuroradiology (ANZSNR), American Society of Neuroradiology (ASNR), Canadian Society of Neuroradiology (CSNR), European Society of Minimally Invasive Neurological Therapy (ESMINT), European Society of Neuroradiology (ESNR), European Stroke Organization (ESO), Japanese Society for NeuroEndovascular Therapy (JSNET), The French Society of Neuroradiology (SFNR) Ibero-Latin American Society of Diagnostic and Therapeutic Neuroradiology (SILAN), Society of Neurointerventional Surgery (SNIS), Society of Vascular and Interventional Neurology (SVIN), World Stroke Organization (WSO), World Federation of Interventional Neuroradiology (WFITN).

For numbered affiliations see end of article.

Correspondence to: Dr Laurent Pierot, Department of Neuroradiology, University Hospital Reims, Reims, 51100; lpierot@univ-reims.fr

Received 3 August 2018
Accepted 3 August 2018

We are aligned across multiple fronts.



- Launched in May 2016
- Campaign is focused on organizing stronger stroke systems of care nationwide.
- Goal is to enact legislative change in all 50 states requiring EMS to take ischemic stroke patients with large vessel occlusion to neurointerventional-ready hospitals with 24/7/365 coverage.

This is an intensive effort to approve EMS. It has had some real wins

Meetings

AANS/CNS Joint CV Section Annual Meeting
February 4-5, 2019
Honolulu, HI

AANS/CNS Joint Cerebrovascular Section
ANNUAL MEETING
Programming in conjunction with SNIS



SNIS 16th Annual Meeting
July 22-25, 2019
Miami, FL

The SNIS Meeting is at the Fontainebleau in July

Publications - Journal Update

Initial publication July 2009 as a quarterly journal

Indexed in Thomson-Reuters 2010

2017 Impact factor 3.524

Pub Med/Medline indexing September 2011

Editor-in-Chief, Felipe C. Albuquerque, MD



Journal is doing great this year. There will be some turnover this year

Societal Converging Goals

- *Pay for performance evaluation and issues*
- *Medicare reductions in payment*
- *Standards of practice – stroke, carotids, aneurysms*
- *Defining the appropriate randomized trials*
- *Coding*
- *“Comprehensive Stroke Center” designation*
- *Refining standards of training in Endovascular (CAST)*
- *Generating resident interest in Neurovascular*

The above slide was reviewed

SNIS Update Summary

Healthy membership growth of this multi-disciplinary society

Successful annual meetings and continued involvement with CV Section

The above slide was reviewed

SVIN Update

- Dr. Brian Jankowitz
- Nothing to Report



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



International Liason

Dr. Mika Niemela



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



International liaison – Mika Niemelä

-Helsinki 6-month Observership & Research Fellowship for American residents starting July 2020-

-EANS CV section meeting 2019

-5 AANS/CNS speakers & 5 moderators

-exact time and place announced in AANS San Diego



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Question Asked: Is the meeting going to be joint?

Answer: The meeting may separate, but it's not sure yet.

Newsletter Committee

Dr. Ducruet
-Verbal Report

 American Association of Neurological Surgeons


Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

 Congress of Neurological Surgeons


Newsletter went out this morning

YNS Liaison

Dr. Brian Howard

 American Association of Neurological Surgeons

Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019

 Congress of Neurological Surgeons

The YNS Luncheon was approved, we'll do that for the second time. I can send an email to make sure that still works best for everyone. Last year was an open vascular presentation.

Resident & Fellow Courses

Dr. Kellner
Dr. Binning
Dr. Arthur
Dr. Mascitelli



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Website: CV Courses

THE JOINT CEREBROVASCULAR SECTION
AANS/CNS

Home Education Cerebrovascular Courses

Cerebrovascular Courses 2018-19

Innovations in Endoscopic Minimally Invasive Brain Surgery: A Hands-On Course
Course Director(s): Mel Fain, Paul Gardner
Dates(s): Jan 16-18, 2019
Location: Orlando, FL
Website: <http://www.mchsurgery.com/education/2019>

SNIS Joint Cerebrovascular Section Fellows Course
Course Director(s): Valeria Inoa, Justin Mascitelli
Dates(s): Feb 3-4, 2019
Location: Honolulu, HI
Website: <http://www.sniscourses.org/fellows/course>
fellow@vllcvt13.edu

BNI Live! BNI Aneurysm Clipping Course
Course Director(s): Michael T. Lawton
Dates(s): March 15-17, 2019
Location: Phoenix, AZ
Website: <http://www.cerebrovascular.org/education/fellowship/courses/course/>

Introduction to Cerebrovascular Neurosurgery for Residents

Education Links

- CV Section Newsletter
- Cerebrovascular Courses
- CNS University
- Statements and Guidelines
- Seminal Articles
- Fellowships
- International

Email
jmascite@gmail.com
with 2019
courses



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



The course is going well

Fellows Course: CV Section

Preliminary Program
This is a preliminary program and is subject to change.

Sunday, February 3, 2019
9:00 am - 12:00 noon: Hands-on Labs and Brunch

Monday, February 4, 2019

7:00 am - 8:00 am Breakfast

DIDACTIC SESSION
8:00 am - 8:05 am Introduction/Welcome, **Violiza Inoa, MD & Justin Mascitelli, MD**

8:05 am - 8:25 am Evaluating Potential Job Opportunities, **Rigael Orsz, MD**

8:25 am - 8:45 am Balancing an Academic & Clinical Career, **Michael Levitt, MD**

8:45 am - 9:00 am Panel Discussion: Neuroangiography Pearls, **Johanna Fifi, MD**

8:50 am - 9:10 am Acute Stroke: Patient Selection & Extended Window, **Adnan Siddiqui, MD, PhD**

9:30 am - 9:50 am Challenging Thrombectomy: Tandem Occlusions & Acutely Symptomatic ICAD, **Raul Nogueira, MD**

9:50 am - 10:05 am Interactive Case Discussion

10:05 am - 10:15 am Break

DIDACTIC SESSION
10:15 am - 10:35 am Brain Aneurysms: Endovascular Strategy, **Alfredo Spina, MD**

10:35 am - 10:50 am Flow Diversion: Indications & Technical Pearls, **Adam Arthur, MD**

10:50 am - 11:10 am A Treatment Approach to Arteriovenous Malformations, **David Forette, MD, PhD**

11:10 am - 11:30 am Arteriovenous Fistulas: The Basic Concepts of Endovascular Treatment, **Richard Klucznik, MD**

11:30 am - 11:45 am Tumor Embolization, **Mark Bain, MD**

11:45 am - 12:00 pm An Endovascular Approach to Venous Disease, **Jason Dowers, MD**

12:00 pm - 12:15 pm Interactive Case Discussion

12:15 pm - 1:00 pm Lunch

DIDACTIC SESSION
1:00 pm - 1:20 pm Emerging Devices & Techniques, **Eric Peterson, MD**

1:20 pm - 1:40 pm Risk Management & Complications, **Daniel Inoh, MD**

1:40 pm - 1:55 pm Complication Case Discussion, **Raul Nogueira, MD**


1:55 pm - 2:00 pm Discussion/Questions/Concluding Remarks

Meetings


- CV Section
- SNIS

Directors

- Violiza Inoa
- Justin Mascitelli



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



For any fellows medical students out there, there was a great medical student boot camp at Cornell. We're going to do a west coast one at USC this year. It should be great, it's in March.

3C Meeting 2019

Dr. Siddiqui



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



3C Meeting June 9 -12, 2019

COMMITTEE

Rene Chapot, MD
Joost De Vries, MD PhD
Dan Holt, MD
Italo Linfante, MD
Victor Mendes Pereira, MD
Ansaar Rai, MD
Clemens Schirmer, MD PhD
Satoshi Tateshima, MD
Quili Turk, MD



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



This year is a little earlier to avoid conflicts with other meetings.

RENDEZVOUS LODGE
TOP OF THE GONDOLA
TETON VILLAGE · WY
JUNE 9-12
Hotel Block at HOTEL TERRA

**CEREBROVASCULAR
COMPLICATIONS
CONFERENCE 2019**

JIMEETINGS.ORG
JIM MEETING SERVICES

CONFERENCE CO-DIRECTORS

Joey English, MD PhD
California Pacific Medical Center Hospitals

David Fiorella, MD PI
Story Brook University Medical Cen

Tufail Patankar, MD PI
Leeds Teaching Hospitals NHS Tr

Babu Welch, MD
UT Southwestern Medical Center

American Association of Neurological Surgeons
Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019
Congress of Neurological Surgeons

We are expanding to a neurology co-director as well. We also have a European representative.

This year the meeting is up the mountain, not at the base, you have to take the gondola up.

New Business

Strategic Planning

Dr. Mocco



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



J Mocco: Quick updates. We're going to launch the NREF Initiative, there's a lot of active work going on with CAST. We've also been having a lot of conversation around what we should do with the annual meeting. We've gotten pretty consistent responses that holding our meeting with ISC is challenging. A group of us as officers have had to have sit downs with our sponsors, especially this year, because of location in Hawaii.

We're in a process of vetting alternative options for the meeting. We've looked at going independent, combining with AANS or CNS, or holding the meeting jointly with the SNIS. In an effort to get further clarity, we're putting together a task force to see what this looks like, with 3 individuals from CV and 3 from SNIS. We want to make sure we're committed and strong, and have room for growth. Happy to answer any questions.

A. Arthur: The SPC and Annual meeting committee did a great job. Neither Stryker nor Medtronic would agree to sponsor this meeting. The other thing is ISC is really hard to work with. The feedback we get from membership is that it's more of a pain to try to attend both meetings.

J Mocco: This does not mean we don't encourage you to participate in ISC, we do encourage this; it's more about how do we make our meeting stronger.

Question was asked: Would it be a transition to a 2 day meeting?

Answer: SNIS would be a totally different meeting, it's already 5 days, so we're still looking at this. Bill Mack is representative from the SNIS Side.

A. Siddiqui: Open CV may be a better audience to educate, it's a good group to get exposed. The expectation is it would become a larger part.

Thank you!



Cerebrovascular Section of the AANS/CNS – EC meeting update 2/4/2019



Question about CAST: I've heard a difference of opinion on whether or not you should submit for CAST before you are board certified and get tabled, or wait?

A. Siddiqui: It is up to you, there's no advantage. The deadline is for completion of fellowship training, needs to be completed by Dec. 1 2020. Also, nothing is set in stone, it's getting influence from a lot of forces. You can submit whenever you want.

Meeting adjourned at 1:46pm HST.