

Attendees

Kevin Cockroft, Chair

Gregory Zipfel, Chair Elect

Carlos David, Vice Chair

J Mocco, Secretary

Adnan Siddiqui, Treasurer

Amin-Hanjani, S	Ducruet, A	Khalessi, A	Niemela, M	Webb, S
Amar, A	Fox, C	Kim, L	Pandey, A	Welch, B
Arthur, A	Friedlander, R	Lavine, S	Patel, A	Wilson, J
Bambakidis, N	Hoh, Brian	Mack, W	Schirmer, C	Wolfe, S
Cockroft, K	Howard, B	Mocco, J	Siddiqui, A	Woo, H
David, C	Jankowitz, B	Nakaji, P	Tjoumakaris, S	Zipfel, G

Annual Meeting Updates

2018 CV Sect/SNIS (Drs. Arthur, Jankowitz)
2017 AANS Meeting (Drs. Jankowitz, Stavropoula)
2018 ISC (Drs. Huang, Kim, and Ducruet)
2017 CNS Meeting (Drs. Stavropoula, Simon)

Standing Committee/Project Updates

Cerebrovascular Coalition, (Drs. Bambakidis, Cockroft, Amin-Hanjani)
JC Technical Advisory Panel RE: CSC certification (Dr. Bambakidis)
Matrix and Milestones (Dr. Bambakidis)
CNS Education Division (Dr. Bambakidis)
QOD (Drs. Connolly, Mocco)
CAST/Training Standards (Drs. Siddiqui, Day)
Washington Committee (Katie Orrico, Dr. Woo)
Coding & Reimbursement (Drs. Woo, Schirmer)
Rapid Response Committee (Drs. Woo, Khalessi, Mocco)

CV Section EC Meeting
April 23, 2017
Los Angeles, CA

JGC/CV Section Guidelines Committee (Dr. Khalessi)

National Quality Forum (Dr. Bulsara, Khalessi)

SNIS update (Dr. Arthur)

SVIN Liaison (Dr. Jankowitz)

International Liaison/ ESMINT (Dr. Niemela)

Neuro-Critical Care Society Update (Drs. Amar, Samuels)

YNS Liaison (Dr. Howard)

Brain Attack Coalition (Dr. Huang)

Membership Update (Dr. Mack)

NREF Update (Dr. Cockroft)

Fundraising Committee (Dr. Siddiqui)

Newsletter Committee (Drs. Ducruet, Fox)

MOC Vascular Module (Dr. Siddiqui)

Bylaws/Rules & Regulations Committee (Dr. Schirmer)

Website Committee (Drs. Welch, Du, Simon, et al.)

Nominating Committee (Dr. Lavine)

Robert J Dempsey, MD Cerebrovascular Resident Research Award (Dr. Baskaya)

IAC carotid stent facility accreditation (Drs. Cockroft, Patel)

Old Business Updates

Resident and fellow courses (Drs. Mocco, Kellner, Binning, Veznedaroglu, Arthur)

Update on Traveling Fellowships (Dr. Arthur)

3C meeting (Dr. Siddiqui)

Brain Aneurysm Foundation, BAF/CV Sect C. Getch Research Award (Dr. David)

SIR writing group for Stroke outcome guidelines for endovascular therapy (Drs. Lavine, Khalessi)

AHA Hospital Accreditation Committee (Dr. Hoh)(nothing to report)

Strategic Planning (Dr. Zipfel)

New Business

CV Section Abstract Awards

<p>I.</p>	<p>Call to Order Dr. Cockroft</p> <p>Approval of Minutes from CV EC meeting – Houston, TX Dr. Mocco</p>	<ul style="list-style-type: none"> • Dr. Cockroft called the meeting to order at 2:00 PM • Minutes were presented from SNIS CV EC Meeting 2017 – Houston, TX 	<p>Motion to approve minutes was seconded and unanimously approved</p>
<p>II.</p>	<p>AANS NREF</p>	<ul style="list-style-type: none"> • Inquiry from NREF on how things are going and if they can make anything smoother for CV • CV leadership indicated that they thought things went well • Discussion around Dr. Arthur’s success with the Travelling Fellowship program and future plans • Discussion of Ajua funding progress 	
<p>III.</p>	<p>Treasurer’s Report Dr. Siddiqui</p>	<ul style="list-style-type: none"> • CV finances are in good stead, net assets over \$1 mil. • Strategic planning committee will help with raising funds • Expenditures reflect Website maintenance, meeting fees, and award expenses • \$50K ahead in assets vs liabilities • Waiting on 2017 revenue update and 2018 proposed budget from SNIS • CV leadership to get this better locked down in new MOU which is in progress • Overall preliminary 2018 Budget review • Discussion on various • Kudos to Dr. Arthur for travelling fellowship accomplishment 	

	<u>Current Year</u> <u>3/31/2017</u>	<u>Prior Year</u> <u>3/31/2016</u>
Assets		
Checking & Short Term Investments	265,002	244,425
Accounts Receivable, net of Allowa... Uncollectible Accounts	11,195	18,045
Prepaid Expenses	385	
Long-Term Investment Pool, at Mar...	817,667	759,671
Property & Equipment, net of Accum...	111	10,557
Total Assets	<u>1,094,360</u>	<u>1,032,697</u>
Liabilities and Net Assets		
Liabilities		
Accounts Payable and Current Liabi...	0	3,500
Deferred Dues	48,643	48,748
Total Liabilities	<u>48,643</u>	<u>52,248</u>
Net Assets		
Unrestricted	831,298	805,853
Unrestricted - Donaghy	57,367	58,226
Unrestricted - Galbraith	30,433	31,271
Unrestricted - Resident	(24,380)	(23,829)
Unrestricted - Leussenhop	19,619	22,249
Unrestricted - Drake	10,099	10,810
Unrestricted - Yasargil Lectureship	63,076	65,476
Net Revenue (Expense)	<u>58,204</u>	<u>10,393</u>
Total Net Assets	<u>1,045,716</u>	<u>980,449</u>
Total Liabilities and Net Assets	<u>1,094,360</u>	<u>1,032,697</u>

	FY '15 Final	FY '16 Final	FY '17 YTD	FY '17 Budget	Proposed FY '18 Budget
Revenues					
Membership Dues	56,558	60,160	45,279	58,750	60,200
Contributions/Sponsorships	54,500	32,500	15,000	15,000	30,000
Contributions for Operating Expenses	7,868	9,356	7,617	8,903	9,114
Annual Meeting Revenue	365,863	381,135	0	350,000	0
Total Revenue and Support	484,789	483,152	67,896	432,653	99,314
Expenses					
Audio Visual	3,914	20,344	3,768	10,000	20,000
Bank Fee	1,159	1,324	1,135	1,200	1,400
Contributions & Affiliations	25,000	35,000	25,000	50,000	50,000
Decorating	301	219	0	500	0
Food & Beverage	13,710	19,585	4,963	16,000	20,000
Honoraria & Awards	44,392	42,717	3,736	45,000	45,000
Office & Other Supplies	205	55	0	100	60
Photocopy	7	0	0	25	0
Postage & Distribution	314	264	155	500	300
Printing/Typesetting	268	9	4	300	500
Website	15,200	14,120	9,231	8,200	4,000
Administrative Assistance	0	8	0	15,000	15,000
Telephone	306	95	0	500	100
Volunteer Travel	312	8,868	1,584	2,500	5,000
Tours/Transportation	723	1,410	825	0	1,400
Staff Coordination	9,639	10,344	7,704	12,328	9,470
Annual Meeting Expense	315,592	306,335	44	320,000	109
Total Expense	431,042	460,697	58,149	482,153	172,339
Investment Earnings	29,402	(4,999)	42,458	0	0
Net Excess (Loss)	83,149	17,456	52,204	(49,500)	(73,025)

		<p>Honoraria & Awards – Budget \$42,000, Actual \$3,736</p> <table border="1"> <thead> <tr> <th>Honoraria & Awards:</th> <th>Amounts:</th> </tr> </thead> <tbody> <tr> <td>Synthes</td> <td>\$1000</td> </tr> <tr> <td>Drake Lecture Award</td> <td>\$500</td> </tr> <tr> <td>Galbraith Award</td> <td>\$500</td> </tr> <tr> <td>CV Dempsey Award Travel</td> <td>\$1,120</td> </tr> <tr> <td>Cost to produce the Awards Certificates</td> <td>\$616</td> </tr> </tbody> </table> <p>Website – Budget \$8,200, Actual \$9,231 The cost of depreciation on the website is \$6,976 and \$2,255 for the website maintenance.</p> <p>Volunteer Travel – Budget \$2,500, Actual \$1,584 CV speaker travel reimbursement for Jovin Tudor and Aquilla Turk.</p> <p>Tours/Transportation – Budget \$0, Actual \$825 CV Dinner Transportation at the CNS Annual Meeting in September 2016.</p> <p>Staff Coordination: Budget \$12,328, Actual \$7,704 Financial Management \$3,602 Membership Management \$4,015 Development Management \$87</p>	Honoraria & Awards:	Amounts:	Synthes	\$1000	Drake Lecture Award	\$500	Galbraith Award	\$500	CV Dempsey Award Travel	\$1,120	Cost to produce the Awards Certificates	\$616	
Honoraria & Awards:	Amounts:														
Synthes	\$1000														
Drake Lecture Award	\$500														
Galbraith Award	\$500														
CV Dempsey Award Travel	\$1,120														
Cost to produce the Awards Certificates	\$616														
		<p><u>FY 18 Budgeted Revenue:</u></p> <p>Membership Dues - Budget \$60,200 As of January 23, 2017, the Cerebrovascular Section had the following membership numbers: Active Members: 383 Adjunct Associate Members: 38 Section Senior Members: 107 International Members: 59 Resident Members: 1,727 Medical Student Members: 30 Total Members: 2,344</p> <p>383 Active Members are billed at \$150 each = \$57,450 38 Adjunct Members are billed at \$100 each = \$3,800 59 International Members are billed at \$50 each = \$2,950 Total: \$64,200</p> <p>As of January 23, 2017, 33 members have outstanding dues totaling \$4,000. The budget for FY 18 is set at \$60,200 (\$64,200 –\$4,000).</p> <p>Contributions and Sponsorships - Budget: \$30,000</p> <table border="1"> <thead> <tr> <th>Supporting Company</th> <th>Amounts:</th> </tr> </thead> <tbody> <tr> <td>Toshiba</td> <td>\$15,000</td> </tr> <tr> <td>Aesculap</td> <td>\$15,000</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Supporting Company	Amounts:	Toshiba	\$15,000	Aesculap	\$15,000							
Supporting Company	Amounts:														
Toshiba	\$15,000														
Aesculap	\$15,000														

		<p>Administrative Assistance – Budget: \$15,000 Corporate Support Liaison and admin support.</p> <p>Telephone – Budget: \$100 Budgeted cost for conference calls.</p> <p>Volunteer Travel – Budget: \$5,000 Travel for Section leadership and Angela from CNS travel throughout the year.</p> <p>Tours/Transportation – Budget: \$1,400 Based on historical usage in prior years.</p> <p>Staff Coordination – Budget: \$9,470</p> <p>Financial Management \$3,546 Membership Management \$5,568 Development Management \$356</p> <p>Annual Meeting Expenses – Budget: \$0 We have not received the projection budget from Society of NeuroInterventional Surgery.</p> <p>FY 18 – Total Budgeted Expenses \$172,339</p> <p>Investment Earnings: Budget \$0</p> <p>FY 18 – Total Budgeted including Investment Earnings (\$73,025).</p> <p>FY 18 Budget Notes: The section receive four E-blasts for free each year. In average the CV section only used about two E-Blast each Fiscal year. If the section used more than four E-Blasts there will be a charge of \$200 for each E-Blasts additional.</p> <p>FY 18 Budget Questions:</p>	
<p>IV.</p>	<p>CNS Update Dr. Scarrow</p>	<ul style="list-style-type: none"> • CNS <i>Neurosurgery</i> – highest impact factor over the last several years: 3.78 • 2017 Annual Meeting Update – Boston – Transformation & Celebration <ul style="list-style-type: none"> ○ Innovation award for best paper overall and by subspecialty – reviewed/chosen by the CNS Editorial Board • Guidelines update, invitation for Sections participation, topics nomination via CNS website • Stroke course update – initiating a regional multidisciplinary training program 	

<p>V.</p>	<p>CPR/Neurosurgery Blog Dr. Schirmer</p>	<ul style="list-style-type: none"> • Discussion on Committee for Public Relations - a subcommittee of the AANS/CNS Washington Committee; • call for participation in Neurosurgery Blog, which is an echo chamber for Neurosurgery; • Three issues have been picked up and has a readership of roughly 250 thousand people. • Want to appeal to Sections to take advantage and contribute 	
<p>VI.</p>	<p>Annual Meetings Updates 2018 CV Section Meeting Los Angeles, CA Dr. Jankowitz</p>	<p>Nothing to Report</p>	
	<p>2017 AANS Meeting Los Angeles, CA Dr. Jankowitz</p>	<p>Walked through agenda</p> <ul style="list-style-type: none"> • Monday, April 24 2:00 PM – 5:30 PM <ul style="list-style-type: none"> ○ Yasargil Lecture – Dr. Hopkins ○ “Innovation: From Concept to Clinical Relevance-Lessons Learned” <ul style="list-style-type: none"> ▪ Dr. Charbel • Wednesday, April 26 2:00 PM – 5:00 PM <ul style="list-style-type: none"> ○ Donaghy Lecture – Robert Rosenwasser ○ “Optimizing Cerebrovascular Training” <ul style="list-style-type: none"> ▪ Dr. Day, Dr. Albuquerque, Dr. Harbaugh ○ “BNI 3.0 – Strategic Plan for Neurosurgical Care, Teaching, and Research” <ul style="list-style-type: none"> ▪ Dr. Lawton 	
	<p>2018 ISC Meeting Los Angeles, CA Dr. Huang</p>	<ul style="list-style-type: none"> • Dr. Mack presented on behalf of Dr. Huang • A pre-symposium conference will be held two days prior to ISC • A call for speakers will be sent • This will conflict with the CV Meeting 	
	<p>2017 CNS Meeting Drs. Tjoumakaris, Simon</p>	<p>Drs. Welch and Hoh presented on behalf of Tjoumakaris and Simon</p> <ul style="list-style-type: none"> • Speakers were invited and most are secured • Two afternoon sessions 	

		<ul style="list-style-type: none"> ○ Abstracts ○ Guest lecture by Dr. Basant Misra: Aneurysm Treatment Trends In India (30 min) ○ Drake lecture ● Guidelines session <ul style="list-style-type: none"> ○ 90 minutes: AVMs, aneurysm/sah, ischemic stroke ● Inaugural lecture added honoring Dr. Nick Hopkins <ul style="list-style-type: none"> ○ 30 min (5 min intro and 25 min lecture) ● Interactive sessions <ul style="list-style-type: none"> ○ Panel discussions/point-counter point with a panel of prominent surgeons ○ Additional cases provided by audience members ○ Topics: <ul style="list-style-type: none"> ▪ AVM ▪ Aneurysms ● Practical Courses <ul style="list-style-type: none"> ○ Advanced Cerebrovascular Surgery: 2D and 3D Operative Video-based Surgical and Anatomical Pearls ○ Thrombectomy Tips and Tricks ○ New Devices and Technology in Cerebrovascular Neurosurgery (includes Aneurysm treatment, ICH, Stroke) ○ Complications in Cerebrovascular Neurosurgery ● Lunch and Dinner Seminars 	
<p>VII.</p>	<p>Standing Committee Updates</p> <p>AHA</p> <p>Dr. Hoh</p>	<ul style="list-style-type: none"> ● Nothing to report from Dr. Hoh’s perspective ● Dr. Mocco introduced and discussed the Mission Lifeline – 15 min Bypass Recommendation ● Improve cardiac care access ● One-page algorithm - Local EMS groups will have this info so they can go to correct center ● Discussion on 30 or 45 minute timeframe ● Statement document put out by AHA, CV leadership suggested that CV should join this effort and the Thrombectomy effort 	
	<p>Cerebrovascular Coalition/CSC Certification/ JC TAP</p> <p>Dr. Bambakidis</p>	<p>CVC Call 1-31</p> <ul style="list-style-type: none"> ● Projects: FDA hearings regarding registries for acute stroke devices (Feb 2); CV section participating with SNIS with negotiations regarding merging registries and proposing that this may be the “registry of choice” for acute stroke. May consider following up with CVC letter of support for this with final public comment due March 2. ● Letter sent to FDA March 2 supported by AAN, SNIS, ASNR ● CSC Editorial submitted to Stroke for publication and awaiting editorial comments ● Favorable comments; resubmitted to Stroke 	

		<p>Joint Commission TAP call update 2nd Call on March 8</p> <ul style="list-style-type: none"> • JC is strongly considering a “tiered” system TBD, for centers which could be capable of AIS intervention without necessarily meeting all requirements for CSC certification • Moving forward with “TSC” designation • Considered criteria for care, minimum volumes, need for CSC partner for transfer of SAH patients, etc • No feedback from meeting to date. JC approached to consider CVC as participant of JC TAP process • Public Commentary for Thrombectomy-capable Stroke Center (TSC) opened April 17th and closes on May 29th • Minimum volumes • Neuro-specific credentialing • Externally reported data <p>Please go to survey and fill out!! -- Dr. Bambakidis to work on logistics of email with link to entire membership</p> <ul style="list-style-type: none"> • Discussion ensued amongst the group on the importance of this issue, Rapid Response team was asked to tackle, great concern about proper credentialing and appropriateness of care and by whom • Dr. Schirmer to write about in Blog 	
	<p>Matrix and Milestones Dr. Bambakidis</p>	<ul style="list-style-type: none"> • Alpha test version of Portal is being demo’d by small group of PDs for feedback • For Launch at SNS meeting in May • Content development for CV materials: <ul style="list-style-type: none"> ○ Led by Charlie Prestigiacomo ○ Compiled a list of over 170 articles mapped to milestone elements ○ Loaded onto Portal for use with direct links ○ Future work will involve use of Book Chapters, educational products from AANS/CNS 	
	<p>CNS Education Division Dr. Bambakidis</p>	<ul style="list-style-type: none"> • Subspecialty Section of the CNS Education Division: <ul style="list-style-type: none"> ○ CV Section Members – Brian Jankowitz, Jason Wilson • Aiding in developing new content for the “Lifecycle Map” for CNS members • Working closely with Section Leadership in liaisons for educational products of the CNS (annual meeting content, etc) • Call for content - NEXUS 	

<p>QOD Dr. Mocco</p>	<table border="1" data-bbox="621 412 1104 854"> <thead> <tr> <th>Center</th> <th>Cumulative</th> <th>30 days</th> <th>7 days</th> </tr> </thead> <tbody> <tr><td>AHN</td><td>97</td><td>7</td><td>1</td></tr> <tr><td>Augusta</td><td>6</td><td>0</td><td>0</td></tr> <tr><td>CNS</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>CUSPINE</td><td>131</td><td>9</td><td>2</td></tr> <tr><td>JMH</td><td>104</td><td>26</td><td>5</td></tr> <tr><td>MountSinai</td><td>91</td><td>0</td><td>0</td></tr> <tr><td>Oklahoma</td><td>223</td><td>10</td><td>3</td></tr> <tr><td>Peoria</td><td>197</td><td>7</td><td>0</td></tr> <tr><td>TMH</td><td>98</td><td>2</td><td>0</td></tr> <tr><td>TVH_NEURO</td><td>95</td><td>5</td><td>1</td></tr> <tr><td>UBNS</td><td>148</td><td>0</td><td>0</td></tr> <tr><td>UCSF</td><td>43</td><td>0</td><td>0</td></tr> <tr><td>UNM</td><td>147</td><td>6</td><td>0</td></tr> <tr><td>UTSW</td><td>33</td><td>5</td><td>0</td></tr> <tr><td>UVA</td><td>7</td><td>0</td><td>0</td></tr> <tr><td>Total</td><td>1422</td><td>77</td><td>12</td></tr> </tbody> </table> <table border="1" data-bbox="1125 250 1663 854"> <thead> <tr> <th>Center</th> <th>Cumulative</th> <th>30 days</th> <th>7 days</th> </tr> </thead> <tbody> <tr><td>AHN</td><td>132</td><td>5</td><td>0</td></tr> <tr><td>Augusta</td><td>12</td><td>0</td><td>0</td></tr> <tr><td>CNS</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>CUSPINE</td><td>163</td><td>8</td><td>2</td></tr> <tr><td>JMH</td><td>171</td><td>6</td><td>0</td></tr> <tr><td>MountSinai</td><td>133</td><td>1</td><td>0</td></tr> <tr><td>NSLIJ</td><td>8</td><td>1</td><td>0</td></tr> <tr><td>Oklahoma</td><td>276</td><td>20</td><td>5</td></tr> <tr><td>Peoria</td><td>227</td><td>11</td><td>1</td></tr> <tr><td>SNI</td><td>50</td><td>3</td><td>0</td></tr> <tr><td>TMH</td><td>116</td><td>4</td><td>0</td></tr> <tr><td>TVH_NEURO</td><td>111</td><td>1</td><td>0</td></tr> <tr><td>UBNS</td><td>148</td><td>0</td><td>0</td></tr> <tr><td>UCSF</td><td>43</td><td>0</td><td>0</td></tr> <tr><td>UF</td><td>13</td><td>10</td><td>2</td></tr> <tr><td>UNM</td><td>155</td><td>10</td><td>0</td></tr> <tr><td>UTSW</td><td>118</td><td>16</td><td>0</td></tr> <tr><td>UVA</td><td>7</td><td>0</td><td>0</td></tr> <tr><td>VCUHealth</td><td>53</td><td>24</td><td>6</td></tr> <tr><td>Total</td><td>1938</td><td>120</td><td>16</td></tr> </tbody> </table> <ul data-bbox="571 863 1827 1052" style="list-style-type: none"> • Gained over 200 patients for QOD • Talks currently in place with NVQI about combining registries • Ongoing discussions between FDA and all “stroke stakeholders” to create a unified registry for stroke technology approval • QOD/NVQI vs GWTG • M2S vendor, normalize data, develop pricing 	Center	Cumulative	30 days	7 days	AHN	97	7	1	Augusta	6	0	0	CNS	2	0	0	CUSPINE	131	9	2	JMH	104	26	5	MountSinai	91	0	0	Oklahoma	223	10	3	Peoria	197	7	0	TMH	98	2	0	TVH_NEURO	95	5	1	UBNS	148	0	0	UCSF	43	0	0	UNM	147	6	0	UTSW	33	5	0	UVA	7	0	0	Total	1422	77	12	Center	Cumulative	30 days	7 days	AHN	132	5	0	Augusta	12	0	0	CNS	2	0	0	CUSPINE	163	8	2	JMH	171	6	0	MountSinai	133	1	0	NSLIJ	8	1	0	Oklahoma	276	20	5	Peoria	227	11	1	SNI	50	3	0	TMH	116	4	0	TVH_NEURO	111	1	0	UBNS	148	0	0	UCSF	43	0	0	UF	13	10	2	UNM	155	10	0	UTSW	118	16	0	UVA	7	0	0	VCUHealth	53	24	6	Total	1938	120	16	
Center	Cumulative	30 days	7 days																																																																																																																																																							
AHN	97	7	1																																																																																																																																																							
Augusta	6	0	0																																																																																																																																																							
CNS	2	0	0																																																																																																																																																							
CUSPINE	131	9	2																																																																																																																																																							
JMH	104	26	5																																																																																																																																																							
MountSinai	91	0	0																																																																																																																																																							
Oklahoma	223	10	3																																																																																																																																																							
Peoria	197	7	0																																																																																																																																																							
TMH	98	2	0																																																																																																																																																							
TVH_NEURO	95	5	1																																																																																																																																																							
UBNS	148	0	0																																																																																																																																																							
UCSF	43	0	0																																																																																																																																																							
UNM	147	6	0																																																																																																																																																							
UTSW	33	5	0																																																																																																																																																							
UVA	7	0	0																																																																																																																																																							
Total	1422	77	12																																																																																																																																																							
Center	Cumulative	30 days	7 days																																																																																																																																																							
AHN	132	5	0																																																																																																																																																							
Augusta	12	0	0																																																																																																																																																							
CNS	2	0	0																																																																																																																																																							
CUSPINE	163	8	2																																																																																																																																																							
JMH	171	6	0																																																																																																																																																							
MountSinai	133	1	0																																																																																																																																																							
NSLIJ	8	1	0																																																																																																																																																							
Oklahoma	276	20	5																																																																																																																																																							
Peoria	227	11	1																																																																																																																																																							
SNI	50	3	0																																																																																																																																																							
TMH	116	4	0																																																																																																																																																							
TVH_NEURO	111	1	0																																																																																																																																																							
UBNS	148	0	0																																																																																																																																																							
UCSF	43	0	0																																																																																																																																																							
UF	13	10	2																																																																																																																																																							
UNM	155	10	0																																																																																																																																																							
UTSW	118	16	0																																																																																																																																																							
UVA	7	0	0																																																																																																																																																							
VCUHealth	53	24	6																																																																																																																																																							
Total	1938	120	16																																																																																																																																																							
<p>CAST Dr. Siddiqui</p>	<ul data-bbox="571 1107 1480 1230" style="list-style-type: none"> • Reviewed 114 applicants for accreditation, all approved • Letter will be sent after may CAST meeting • Urged programs to apply that have not done so • Robust support from American Boards of Radiology, Psychology and _????_ 																																																																																																																																																									

<p>Washington Committee Dr. Woo</p>	<ul style="list-style-type: none"> • Nov 2, 2016 CMS published MPFS - Overall payments to neurosurgery will decrease by about 3% secondary to decreases in wRVU and Medicare sequestration. • Global Surgery Update – <ul style="list-style-type: none"> ○ Prong One - Beginning on July 1, 2017, neurosurgeons in Florida, Kentucky, Louisiana, Nevada, New Jersey, North Dakota, Ohio, Oregon, and Rhode Island are required to report information on post-operative visits furnished during the 10- and 90-day global period of certain specified procedures using CPT code 99024. These procedures include those that are reported annually by more than 100 practitioners and that are either reported more than 10,000 times annually or have more than \$10 million in annual allowed charges. Neurosurgeons who practice in practices with fewer than 10 practitioners (including physicians and qualified non-physician practitioners) are exempted from required reporting. ○ Prong Two – CMS to survey practioners stratified by specialty. Under 10,000 surveys to be sent in mid 2017. RAND has asked for input from AANS and CNS on the surveys and Clemens Schirmer was selected to provide this input. ○ Prong Three – CMS to gain information from ACO <table border="0"> <tr> <td>22513</td> <td>Perq vertebral augmentation</td> <td>63030</td> <td>Low back disk surgery</td> </tr> <tr> <td>22514</td> <td>Perq vertebral augmentation</td> <td>63042</td> <td>Laminotomy single lumbar</td> </tr> <tr> <td>22551</td> <td>Neck spine fuse&remov bel c2</td> <td>63045</td> <td>Remove spine lamina 1 crvl</td> </tr> <tr> <td>22558</td> <td>Lumbar spine fusion</td> <td>63047</td> <td>Remove spine lamina 1 lmbr</td> </tr> <tr> <td>22600</td> <td>Neck spine fusion</td> <td>63056</td> <td>Decompress spinal cord lmbr</td> </tr> <tr> <td>22612</td> <td>Lumbar spine fusion</td> <td>63081</td> <td>Remove vert body dcmprn crvl</td> </tr> <tr> <td>22630</td> <td>Lumbar spine fusion</td> <td>63650</td> <td>Implant neuroelectrodes</td> </tr> <tr> <td>22633</td> <td>Lumbar spine fusion combined</td> <td>63685</td> <td>Insrt/redo spine n generator</td> </tr> <tr> <td>22830</td> <td>Exploration of spinal fusion</td> <td>64555</td> <td>Implant neuroelectrodes</td> </tr> <tr> <td>35301</td> <td>Rechanneling of artery</td> <td>64561</td> <td>Implant neuroelectrodes</td> </tr> <tr> <td>61312</td> <td>Open skull for drainage</td> <td>64581</td> <td>Implant neuroelectrodes</td> </tr> <tr> <td>61510</td> <td>Removal of brain lesion</td> <td>64718</td> <td>Revise ulnar nerve at elbow</td> </tr> <tr> <td>62264</td> <td>Epidural lysis on single day</td> <td>64721</td> <td>Carpal tunnel surgery</td> </tr> </table>	22513	Perq vertebral augmentation	63030	Low back disk surgery	22514	Perq vertebral augmentation	63042	Laminotomy single lumbar	22551	Neck spine fuse&remov bel c2	63045	Remove spine lamina 1 crvl	22558	Lumbar spine fusion	63047	Remove spine lamina 1 lmbr	22600	Neck spine fusion	63056	Decompress spinal cord lmbr	22612	Lumbar spine fusion	63081	Remove vert body dcmprn crvl	22630	Lumbar spine fusion	63650	Implant neuroelectrodes	22633	Lumbar spine fusion combined	63685	Insrt/redo spine n generator	22830	Exploration of spinal fusion	64555	Implant neuroelectrodes	35301	Rechanneling of artery	64561	Implant neuroelectrodes	61312	Open skull for drainage	64581	Implant neuroelectrodes	61510	Removal of brain lesion	64718	Revise ulnar nerve at elbow	62264	Epidural lysis on single day	64721	Carpal tunnel surgery	
22513	Perq vertebral augmentation	63030	Low back disk surgery																																																			
22514	Perq vertebral augmentation	63042	Laminotomy single lumbar																																																			
22551	Neck spine fuse&remov bel c2	63045	Remove spine lamina 1 crvl																																																			
22558	Lumbar spine fusion	63047	Remove spine lamina 1 lmbr																																																			
22600	Neck spine fusion	63056	Decompress spinal cord lmbr																																																			
22612	Lumbar spine fusion	63081	Remove vert body dcmprn crvl																																																			
22630	Lumbar spine fusion	63650	Implant neuroelectrodes																																																			
22633	Lumbar spine fusion combined	63685	Insrt/redo spine n generator																																																			
22830	Exploration of spinal fusion	64555	Implant neuroelectrodes																																																			
35301	Rechanneling of artery	64561	Implant neuroelectrodes																																																			
61312	Open skull for drainage	64581	Implant neuroelectrodes																																																			
61510	Removal of brain lesion	64718	Revise ulnar nerve at elbow																																																			
62264	Epidural lysis on single day	64721	Carpal tunnel surgery																																																			

	Coding and Reimbursement Dr. Woo	<ul style="list-style-type: none"> • Skull base codes – AAOS-HNS contacted AANS CNS to develop new codes for skull base that could be used by all societies. Draft survey has been created by AAOS-HNS and sent to the Tumor Section • Policy Reporter – 27 out of 31 payors have established positive coverage policies. We are reaching out to the remaining 4 to update and educate them about the new study data 															
	Rapid Response Dr. Woo	<ul style="list-style-type: none"> • Editorial in <i>Circulation</i> published claiming with the new data there will be an overwhelming onslaught of patients requiring acute stroke care and that interventional cardiologists should be trained to provide this care • Hopkins LN, Holmes DR. Public health urgency created by the success of mechanical thrombectomy studies in stroke. <i>Circulation</i>. 2017;135:1188-1190. • A response article was written and was submitted to JNIS authored by Shazam Hussein, David Fiorella, J Mocco, Adam Arthur, Italo Linfante, Greg Zipfel, Henry Woo, Don Frei and Felipe Albuquerque on behalf of SNIS, CV Section and AVIN. <p>Discussion around editorial and suggestion to put this topic on next CVC call Dr. Mocco to send Dr. Bambakidis most updated version</p>															
	Joint Guidelines Committee & CV Section Guidelines Committee Dr. Khalessi	Nothing to report															
	National Quality Forum Drs. Bulsara, Khalessi	Nothing to report															
	SNIS Update Dr. Arthur	SNIS Board of Directors <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Don Frei, MD</td> <td style="width: 50%;">Michael Chen, MD</td> </tr> <tr> <td>Blaise Baxter, MD</td> <td>Peter Rasmussen, MD</td> </tr> <tr> <td>Adam Arthur, MD</td> <td>Shazam Hussain, MD</td> </tr> <tr> <td>Richard Klucznik, MD</td> <td>J Mocco, MD</td> </tr> <tr> <td>G. Lee Pride, MD</td> <td>Sandra Narayanan, MD – ex officio</td> </tr> <tr> <td>William Mack, MD</td> <td>Felipe Albuquerque, MD – ex officio</td> </tr> <tr> <td>Mahesh Jayaraman, MD</td> <td></td> </tr> </table>	Don Frei, MD	Michael Chen, MD	Blaise Baxter, MD	Peter Rasmussen, MD	Adam Arthur, MD	Shazam Hussain, MD	Richard Klucznik, MD	J Mocco, MD	G. Lee Pride, MD	Sandra Narayanan, MD – ex officio	William Mack, MD	Felipe Albuquerque, MD – ex officio	Mahesh Jayaraman, MD		
Don Frei, MD	Michael Chen, MD																
Blaise Baxter, MD	Peter Rasmussen, MD																
Adam Arthur, MD	Shazam Hussain, MD																
Richard Klucznik, MD	J Mocco, MD																
G. Lee Pride, MD	Sandra Narayanan, MD – ex officio																
William Mack, MD	Felipe Albuquerque, MD – ex officio																
Mahesh Jayaraman, MD																	

		<p>SNIS Cooperative Projects</p> <ul style="list-style-type: none">• Brain Attack Coalition – Stroke care issues• Neurovascular Coalition – Neurovascular issues• ACGME Endovascular Surgical Neuroradiology Fellowship• Meeting programming• Standards	
		<p>Get Ahead of Stroke</p> <ul style="list-style-type: none">• 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. <p>Discussion on CV support of this initiative, group agreed to spend money on this worthwhile project</p> <p>Meetings</p> <ul style="list-style-type: none">• SNIS 13th Annual Meeting<ul style="list-style-type: none">○ July 2017○ Boston, MA○ 886 attendees• AANS/CNS Joint CV Section Annual Meeting<ul style="list-style-type: none">○ February 2017○ Houston, TX○ 456 attendee• SNIS 14th Annual Meeting<ul style="list-style-type: none">○ July 24-27, 2017○ Colorado Springs, CO	

		<p>Publications Update</p> <ul style="list-style-type: none"> • Initial publication July 2009 as a quarterly journal • Indexed in Thomson-Reuters 2010 • 2015 Impact factor 2.959 (over 6% increase from 2014) • Pub Med / Medline indexing September 2011 • New Editor-in-Chief as of January 1, 2017 – Felipe C. Albuquerque, MD <p>Group discussion regarding growing strength of JNIS, possible that parent journals will be eclipsed and need for more clarified way to method with parents, JNIS has rapid turn-around times,</p>	
		<p>Societal Convergence Goals</p> <ul style="list-style-type: none"> • 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 <p>Summary</p> <ul style="list-style-type: none"> • Healthy membership growth of this multi-disciplinary society • Successful annual meetings and continued involvement with CV Section 	
	<p>SVIN Update Dr. Brian Jankowitz</p>	<ul style="list-style-type: none"> • 2017 Meeting – 10th Anniversary <ul style="list-style-type: none"> ○ Sheraton Boston Hotel, Boston, MA ○ Scientific program coordinator <ul style="list-style-type: none"> ▪ Thanh Nguyen • Raul Nogueira will step down as president • Italo Linfante will take over 	

		<ul style="list-style-type: none"> • Rage against <i>Circulation</i> editorial, SVIN strong supporter with CV • Actively looking for neurosurgical material input in their journal • Discussion around CAST and Leapfrog – in progress 	
	<p>International Liaison Dr. Niemela</p>	<ul style="list-style-type: none"> • ESMINT (+joint day with EANS CV) Nice September 7-9, 2017 <ul style="list-style-type: none"> -AANS/CNS speakers: Fargen, Bederson, Mocco, Siddiqui, Welch -ESMINT under ‘New devices and aneurysm management’ • EANS Annual Congress Venice October 1-5, 2017 <ul style="list-style-type: none"> -AANS/CNS speakers: Barrow, Dehdahsti, Hopkins, Lanzino, Morcos, Spetzler, Zuccarello, Welch) • Topics/titles of talks will be discussed in detail later <ul style="list-style-type: none"> Contact persons: <ul style="list-style-type: none"> -ESMINT: Andreas_gruber1@kepleruniklinikum.at -EANS: luca.regli@usx.ch • Suggestion American/European consensus meeting on AVM Therapy? • Create consensus document that is referable by membership-Dr. Cockroft to work with Dr. Khalessi • Dr. Niemela will send document to Dr. Cockroft 	
	<p>Neurocritical Care Society Guideline Update Dr. Amar</p>	<ul style="list-style-type: none"> • Targeted Temperature Management <ul style="list-style-type: none"> ○ Timeline: anticipated submission to <i>Neuro Critical Care</i> in September ○ Seeking endorsement of SCCM • Quality Metrics “white paper” in NCC <ul style="list-style-type: none"> ○ Timeline: completion spring/summer 2018 • Affirmed AAN Brain Death Document • Considering upcoming topics: status epilepticus, updated SAH guidelines, GRADE focused TBI guideline 	
	<p>YNS Update Dr. Howard</p>	<p>Nothing to report</p>	

	<p>Brain Attack Coalition Dr. Judy Huang</p>	<p>Brain Attack Coalition (BAC) meeting 4/14/17</p> <ul style="list-style-type: none">• BAC Stroke Center Guidelines Update<ul style="list-style-type: none">○ objections of AHA and ACEP centered on lack of evidence base for recommendations were discussed○ thus, more wordsmithing to be done and manuscript will be redistributed to member societies for approval <p>** Dr. Huang should investigate -- does this currently contain JCVS approved paragraph on CAST defined neuroendovascular expertise</p> <p>Cardiologists Performing EVT for Stroke</p> <ul style="list-style-type: none">• Panel discussion led by Lee Jensen, J Huang and D Gandhi• Letter to the Editor by SNIS/JCVS presented• Many concluded that this will not gain much traction among cardiologists, as there are really very few interested <p>BAC – Upcoming 20th Year Anniversary</p> <ul style="list-style-type: none">• Retreat later this year planned to discuss topics such as membership and mission<ul style="list-style-type: none">○ Currently no representatives from SVIN and Rehab Medicine	
--	---	--	--

<p>Membership Committee Update Dr. William Mack</p>	<p>CV Section Membership Spring 2017</p> <table border="0"> <tr> <td>Adjunct</td> <td>39</td> <td>\$100</td> </tr> <tr> <td>Active</td> <td>387</td> <td>\$150</td> </tr> <tr> <td>Lifetime</td> <td>108</td> <td>\$0</td> </tr> <tr> <td>International</td> <td>60</td> <td>\$50</td> </tr> <tr> <td>Medical Student</td> <td>35</td> <td>\$0</td> </tr> <tr> <td>Resident/Fellow</td> <td>1779</td> <td>\$0</td> </tr> </table> <p>CV Section: New Members</p> <table border="0"> <tr> <td> <p>Active</p> <ul style="list-style-type: none"> • Graham Gould • Joshua Osbun • Constantine Plakas • Azam Amed • Ryan Herbert • Yashar Kalani • Nirav Patel • Anthony Wang • Chad Washington • Patrick Youssef • Philipp Tausky • Richard Dalyai • Jose Manuel Sandoval Rivera • David Hasan </td> <td> <p>Medical Students</p> <ul style="list-style-type: none"> • Melissa Chua • Rui Feng • Ricardo Daniel Gonzalez Rios • Sze Kiat Tan • Robert Ziechmann <p>International</p> <ul style="list-style-type: none"> • Pablo Gerardo Pena-Tapia • Simao Luniere Goncalves <p>Adjunct</p> <ul style="list-style-type: none"> • Hana Choe </td> </tr> </table> <p>Membership Dues</p> <ul style="list-style-type: none"> • CV Section Dues Notice <ul style="list-style-type: none"> ○ 1st Notice: Dec 20, 2016, email ○ 2nd Notice: Feb 28, 2017, US mail, intl email <p>Discussion around possibility of changing membership structure, current CV population is saturated, large growth not possible, suggested that CV consider raising dues</p>	Adjunct	39	\$100	Active	387	\$150	Lifetime	108	\$0	International	60	\$50	Medical Student	35	\$0	Resident/Fellow	1779	\$0	<p>Active</p> <ul style="list-style-type: none"> • Graham Gould • Joshua Osbun • Constantine Plakas • Azam Amed • Ryan Herbert • Yashar Kalani • Nirav Patel • Anthony Wang • Chad Washington • Patrick Youssef • Philipp Tausky • Richard Dalyai • Jose Manuel Sandoval Rivera • David Hasan 	<p>Medical Students</p> <ul style="list-style-type: none"> • Melissa Chua • Rui Feng • Ricardo Daniel Gonzalez Rios • Sze Kiat Tan • Robert Ziechmann <p>International</p> <ul style="list-style-type: none"> • Pablo Gerardo Pena-Tapia • Simao Luniere Goncalves <p>Adjunct</p> <ul style="list-style-type: none"> • Hana Choe 	
Adjunct	39	\$100																				
Active	387	\$150																				
Lifetime	108	\$0																				
International	60	\$50																				
Medical Student	35	\$0																				
Resident/Fellow	1779	\$0																				
<p>Active</p> <ul style="list-style-type: none"> • Graham Gould • Joshua Osbun • Constantine Plakas • Azam Amed • Ryan Herbert • Yashar Kalani • Nirav Patel • Anthony Wang • Chad Washington • Patrick Youssef • Philipp Tausky • Richard Dalyai • Jose Manuel Sandoval Rivera • David Hasan 	<p>Medical Students</p> <ul style="list-style-type: none"> • Melissa Chua • Rui Feng • Ricardo Daniel Gonzalez Rios • Sze Kiat Tan • Robert Ziechmann <p>International</p> <ul style="list-style-type: none"> • Pablo Gerardo Pena-Tapia • Simao Luniere Goncalves <p>Adjunct</p> <ul style="list-style-type: none"> • Hana Choe 																					

<p>Bylaws/Rules & Regulations Committee Update Dr. Schirmer</p>	<ul style="list-style-type: none">• Current language<ul style="list-style-type: none">○ “. December 15 of the year preceding election. The Chair of the nominating committee shall submit, in writing, the proposed candidates for office and their statements of candidacy to the general membership for consideration. The slate of officers may consist of one candidate per post with the exception of candidates for Members-at-Large and Nominating Committee candidates.”<ul style="list-style-type: none">▪ not necessarily in concordance with some of the slates in previous elections.• Tasked by Strategic planning committee to clarify this• Proposed language<ul style="list-style-type: none">○ Section 11<ul style="list-style-type: none">▪ Elections for Officers, Members-at-Large and Nominating Committee Members.<ul style="list-style-type: none">4) December 15 of the year preceding election. Qualified candidates for each office are confirmed. Following discussion and voting by the Nominating Committee, the Chair of the nominating committee shall submit, in writing, the proposed candidates for office and their statements of candidacy to the general membership for consideration. The slate of officers must consist of at least one candidate per post but consideration should be given to offer the membership more than one candidate for the position of Secretary or Treasurer and multiple candidates for Member-at-Large and Nominating Committee positions if more than one qualified candidate is available. <p><i>would change to (changes in red)</i></p> <p>4) December 15 of the year preceding election. Qualified candidates for each office are confirmed. Following discussion and voting by the Nominating Committee, the Chair of the nominating committee shall submit, in writing, the proposed candidates for office and their statements of candidacy to the general membership for consideration. The slate of officers <u>must</u> consist of <u>at least</u> one candidate per post <u>but consideration should be given to offer the membership more than one candidate for the position of Vice Chair, Secretary or Treasurer and multiple</u> candidates for Member-at-Large and Nominating Committee <u>positions if more than one qualified candidate is available.</u></p>	
--	--	--

Website Committee
Dr. Welch

Website Committee

Website Committee Chair

- Babu G. Welch, MD

Section Editors

- *Christoph Griessenauer, Ning Lin, Justin Singer and Clemens M. Schirmer (News Section)*
- William Mack & Jonathan Russin (*Patients*)
- Rabih Tawk & Ajit Thomas (*Membership*)
- Rose Du & Aditya Pandey (*Meetings*)
- Amir R. Dehdashti (*Education*)
- Scott Simon (*Research*)
- Chirag Gandhi & Ben Waldau (*International*)

Our History

For centuries, cerebrovascular ischemia (stroke) has captured the interest of physicians and scientists alike. The focus of this interest is to find new ways to prevent the occurrence of and minimize the injury caused by poor blood flow to brain tissue. In 1981, the Joint Cerebrovascular Section of the AANS & CNS was created with the purpose of unifying likeminded neurosurgeons to facilitate the academic discussion of cerebrovascular disease.

The following links review the history of the CV Section from its origins to recent years:

[Origins](#)

[Early Years](#)

[Coming of Age](#)

[Recent Years](#)

Documents should be forwarded to the Website Committee chair for archiving



Discussions underway for case collaboration link through the CV website

International

Section Editor: Chirag D. Gandhi

The Joint Cerebrovascular Section (JCV) of the AANS/CNS is dedicated to globally expanding the understanding of cerebrovascular disease and its innovative treatments through international educational and scientific collaboration.

The goals of our international mission are to:

- Encourage international members to join and contribute to the increasingly diverse cerebrovascular community through conference-based and online discussions.
- Form partnerships with other international societies to create informative and innovative annual meetings.
- Promote exchange international training opportunities through a comprehensive directory.
- Expand the collaboration of all cerebrovascular physicians in both US-based and International Clinical Trials and Registries.

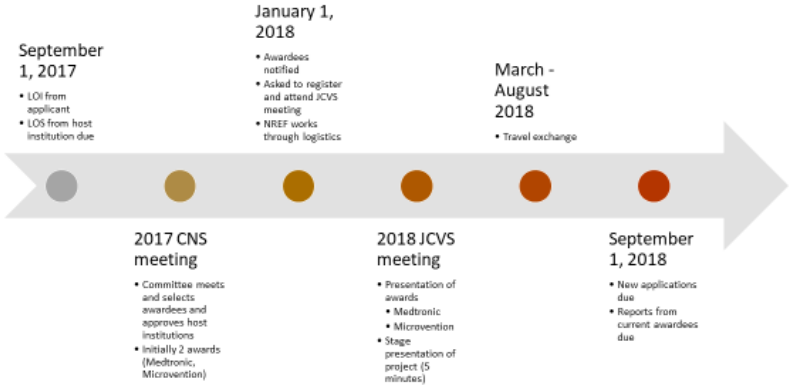
Coding / Billing Member Resource for Cerebrovascular Procedures – Rob James / Babu Welch

- Residency and fellowship training may provide little or no instruction in CV procedural coding and billing
 - Procedural codes and coding rules often change significantly yearly or every few years requiring members to stay updated
 - Can provide financial return to division / department by optimizing coding / billing, reduce insurance payment denials on 1st bill submission
 - Solution: CV Section website procedural coding / billing resource for CV Section members that is updated yearly
- Website – Coding / Billing Tutorial
- Consider partnership with SNIS for developing shared content
 - CV Section Website / SNIS Website
 - Password-protected education section of website (members only)
 - Content:
 - List of commonly used codes, descriptions, RVU and wRVU values
 - Instructional coding modules / tutorials for multiple basic and complex procedures

		<ul style="list-style-type: none"> ○ Yearly update corresponding with publication of CMS final rules each December ○ Clinical Vignettes that allow member to “practice” coding cases ○ Tips, Do’s, Don’ts, Common Mistakes, etc <p>Next Steps</p> <ul style="list-style-type: none"> ● If the CV section wishes to proceed: <ul style="list-style-type: none"> ○ Approach SNIS about partnership / shared content / content creation ○ Establish a small work group / committee to create content <ul style="list-style-type: none"> ▪ Rob James, others interested ▪ Would consider approaching Josh Hirsch from SNIS to collaborate as a content expert 	
	<p>Nominating Committee Dr. Lavine</p>	<p>CV Section Nominating Committee Sean Lavine, MD, Chair Brian Hoh, MD Kevin Cockroft, MD Greg Zipfel, MD Carlos David, MD Clemens Schirmer, MD Adam Arthur, MD</p> <p>Elected to the Section's open positions for 2017/18: Chair-Elect: J Mocco Vice-chair: Babu Welch Secretary: Clemens Schirmer Member-at-Large: Alex Khalessi</p> <p>Nominating Committee: Andrew Ducruet</p> <p>Elections were open until March 15, 2017. Winners were announced to the general membership on April 1 per our bylaws.</p> <p>Follow up, further discussion on nominating bylaws modification.</p>	

	<p>Robert J Dempsey, MD Cerebrovascular Research Award Dr. Baskaya</p>	<p>2016-2017 Annual Update The 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 2016-17. Of the outstanding applications, winners of this award for 2016-17 are:</p> <p><u>Arijun V. Pendharkar, MD</u> from Stanford University with his project, “Role of Contralesional (uninjured) Hemisphere Activation in Functional Recovery After Stroke.”</p> <p><u>Tristan Stani, MD</u> from Oregon Health and Science University Center for Health & healing with his project, “Is restoration of glymphatic function following SAH a potential treatment strategy to ameliorate the effects of delayed cerebral ischemia? ”</p>	
	<p>IAC carotid stent facility accreditation standards Dr. Cockroft</p>	<ul style="list-style-type: none"> • Nothing to Report 	
<p>VIII.</p>	<p>Old Business Resident & Fellow Endovascular Courses Dr. Arthur</p>	<ul style="list-style-type: none"> • Introduction to Cerebrovascular Neurosurgery for Junior Residents Practical Clinic . <ul style="list-style-type: none"> ○ To expose Jr. residents to what it means to be a combined cerebrovascular surgeon ○ Held at AANS meeting ○ Erol Veznedaroglu, J Mocco, Mandy Binning, and Chris Kellner • 3D Anatomy for Residents (emphasis on vascular) <ul style="list-style-type: none"> ○ To review anatomy with emphasis on open cerebrovascular approaches ○ Held in Houston each August ○ Michael Lawton • AANS Endovascular and Open Cerebrovascular Course for Senior Residents <ul style="list-style-type: none"> ○ To practice endovascular and open surgical techniques with reperfused cadaver and live models ○ Held at MERI, October 19-21, 2017 ○ Erol Veznedaroglu, Michael Lawton, Adam Arthur • ENRG Boot Camp for Beginning Endovascular Fellows <ul style="list-style-type: none"> ○ To prepare fellows entering fellowship ○ Held at 3C meeting ○ Andy Ringer • CV Section/SNIS Joint Fellows Courses – Future? <ul style="list-style-type: none"> ○ To expose fellows in training to didactics and new technology ○ Held at CV Section and SNIS Meetings ○ 1 CV Section and 1 SNIS director • AANS/SNIS/SVIN Endovascular Course for Senior Fellows <ul style="list-style-type: none"> ○ To practice endovascular techniques with live models ○ Held at MERI, September 15-17, 2017 ○ Erol Veznedaroglu and Adam Arthur 	

	<p>Update on Travelling Fellowship Dr. Arthur</p>	<p>State of affairs</p> <ul style="list-style-type: none"> Committee <ul style="list-style-type: none"> • Adam Arthur & Clemens Schirmer – Co-Chairs • Christoph Griessenauer • Patrick Han • Brian Jankowitz • Adam Oliver • Joshua Osbun Funds <ul style="list-style-type: none"> • Medtronic <ul style="list-style-type: none"> ○ Approved by Medtronic • Microvention <ul style="list-style-type: none"> ○ Verbal commitment from CEO for contributions over 5 years • Others <ul style="list-style-type: none"> ○ Preliminary (positive) discussion with Penumbra 	
		<p>Framework</p> <ul style="list-style-type: none"> Awardee <ul style="list-style-type: none"> • CAST certified individual <ul style="list-style-type: none"> ○ JVCS section member ○ not restricted to Neurosurgeons • 1 week exchange program <ul style="list-style-type: none"> ○ Commits to taking 5 days out of practice • Award \$2000 <ul style="list-style-type: none"> ○ Encouraged to donate award back to JCVS • Travel stipend <ul style="list-style-type: none"> ○ Economy fare ○ hotel based on proximity to institution Host Institution <ul style="list-style-type: none"> • CAST approved fellowship program • Appropriate case volume pertaining to the specific project <ul style="list-style-type: none"> ○ as judged by the committee ○ may have to submit documentation • Willing and able to rearrange and accommodate schedule to create the experience <ul style="list-style-type: none"> ○ Letter of support • Award \$1000 <ul style="list-style-type: none"> ○ Encouraged to donate to JCVS 	

		<p style="text-align: center;">Proposed timeline</p>  <p>September 1, 2017</p> <ul style="list-style-type: none"> • LOI from applicant • LOI from host institution due <p>January 1, 2018</p> <ul style="list-style-type: none"> • Awardees notified • Asked to register and attend JCVS meeting • NREF works through logistics <p>March - August 2018</p> <ul style="list-style-type: none"> • Travel exchange <p>2017 CNS meeting</p> <ul style="list-style-type: none"> • Committee meets and selects awardees and approves host institutions • initially 2 awards (Medtronic, Microvention) <p>2018 JCVS meeting</p> <ul style="list-style-type: none"> • Presentation of awards • Medtronic • Microvention • Stage presentation of project (5 minutes) <p>September 1, 2018</p> <ul style="list-style-type: none"> • New applications due • Reports from current awardees due <p>Next Steps</p> <ul style="list-style-type: none"> • Work with NREF about details, application process • Publicize program • Reach out to Zeiss, Aesculap, Integra, Stryker and Codman about possible contributions 	
	<p>3C Meeting Dr. Siddiqui</p>	<p>Nothing to report</p>	
	<p>Brain Aneurysm Foundation/C. Getch Research Award Dr. David</p>	<p>Nothing to report</p>	
	<p>Strategic Planning Dr. Zipfel</p>	<p>JCVS Strategic Planning</p> <ul style="list-style-type: none"> • Definition <ul style="list-style-type: none"> ○ Systematic process of envisioning a desired future, and translating this vision into broadly defined goals or objectives and a sequence of steps to achieve them. • Initiated – January 2017 <ul style="list-style-type: none"> ○ Two conference calls ○ Multiple email exchanges • Three-year strategic plan • Committee Members <ul style="list-style-type: none"> ○ Immediate Past-Chair – Kevin Cockroft ○ Chair – Greg Zipfel 	

- Chair-elect – J Mocco
- Treasurer – Adnan Siddiqui
- Secretary – Clemens Schirmer
- Ad Hoc
 - Academic – Peter Nakaji, Adam Arthur
 - Private practice – Jay Howington, Pat Han
- Proposed Mission Statement
 - *“The mission of the CV Section is to advance education, research and patient care in the area of vascular diseases of the brain and spine. Through our activities and educational programs, we strive to promote awareness of and access to opportunities for improving clinical practice, research, and policy in the area of neurovascular surgery.”*
- Proposed Vision Statement
 - *“The vision of the CV section is to support and lead practitioners in their quest to provide the best, most efficient, and patient-centered care for their patients with neurovascular disease by:*
 - *Providing the most advanced educational programs to practitioners at all levels of training – medical student through senior attending*
 - *Providing the strongest venues for discourse, debate, and discussion regarding the care of patients with neurovascular disease*
 - *Providing the best routes for dissemination of the most current and highest quality basic, translational, and clinical research on neurovascular diseases*
 - *Advocating for patients with neurovascular disease and the practitioners who care for them”*
- Formulation of Problems
 - Lack of institutional memory / transient leadership
 - Lack of endowment
 - Not the central organization for endovascular practitioners
 - Lack of strong ties to endovascular companies
 - Poor avenues for reaching non-neurosurgeon practitioners (allied health/advanced practitioners, neurologists, radiologists)
 - Relatively weak connections to / representation by private practice neurosurgeons
 - Limited by not being a stand-alone, independent organization
 - Weak connections to international vascular organizations
 - No journal
- Formulation of Opportunities
 - Service to membership
 - Endovascular
 - Philanthropy
 - Research
 - Journal
 - International
 - Allied Foundations

- Opportunities – *Service to Membership*
 - Expand ways to serve membership
 - Survey membership annually for input / ideas
 - MOC courses at annual meeting (with CAST)
 - Regional meetings focused on topics like stroke, aneurysm care, etc.
 - Coding courses
- Opportunities – *Endovascular*
 - Strengthen connection to endovascular leaders / practitioners / industry
 - Continue to grow endovascular leadership within section
 - Establish new endovascular-focused lectureship at annual meeting
 - Pursue support/training of endovascular clinical trialists
 - Endovascular focused grants
 - Endovascular travelling fellowships
 - Renew MOU with SNIS
 - Strengthen relationship with SVIN
 - Expand service to non-neurosurgical colleagues (radiology/neurology)
- Opportunities – *Philanthropy*
 - Foster / emphasize culture of giving within JCVS leadership and membership
- Opportunities – *Research*
 - Strengthen role of JCVS in basic and translational research
 - Consider establishing cerebrovascular research lectureship at annual meeting
 - Consider inviting cerebrovascular research thought leaders to speak at annual meeting
 - Consider forum for cerebrovascular basic research to be presented at annual meeting
- Opportunities – *Journal*
 - Investigate ways to increase JCVS voice in scholarship
 - Partner with Neurosurgery or JNS to develop Vascular Journal
 - “Vascular special issue” with Neurosurgery or JNS
 - “Vascular paper(s) of the year” at JCVS annual meeting in conjunction with Neurosurgery, JNS, or both
 - Partner with JNIS and/or JVIN to formulize role of JCVS
- Opportunities – *International*
 - Expand engagement with international community
 - Increase international members
 - Increase partnerships with international vascular societies
- Opportunities – *Allied Foundations*
 - Strengthen relationships
 - Brain Aneurysm Foundation
 - Joe Niekro Foundation
 - American Heart Association

IX.	<i>New Business</i> CV Section Abstract Awards Dr. Cockroft	CV Section Named Lectures <ul style="list-style-type: none">• AANS<ul style="list-style-type: none">○ Donaghy○ Yasargil• CNS<ul style="list-style-type: none">○ Drake○ Hopkins• Section Meeting<ul style="list-style-type: none">Luessenhop CV Section Awards <ul style="list-style-type: none">• AANS<ul style="list-style-type: none">○ Resident Abstract Award○ Dempsey Award○ Hopkins Award• CNS<ul style="list-style-type: none">○ Resident Abstract Award○ Galbraith Award (also resident abstract award)• Section Meeting<ul style="list-style-type: none">○ Resident Abstract Award	
	Meeting Adjourned	<ul style="list-style-type: none">• Meeting adjourned at 4:00 pm	