Cardiovascular Council Goals

Goal 1: (90% Completed)

Activity related to the 2016 mid-winter meeting had been completed. The CVC sponsored three sessions, entitled: 1. Dedicated Cardiac SPECT (12:45pm – 2:45pm. Co-sponsored with the CaIC) 2. Emerging and Established Roles of Imaging in Heart Failure. 3. Emerging Molecular Imaging Approaches in Cardiology. All sessions were well attended
For the Annual Meeting 2016 in San Diego, the CVC will host a categorical session (jointly hosted with the Correlative Imaging Council) on saturday addressing "Molecular and Multimodality Imaging in cardiovascular Disease".
Topics for the remaining 10 CME sessions including the following: 1) Advances in Nuclear Cardiology; 2) Read with the experts in Nuclear Cardiology; 3) Detection and Assessment of cardiac Sarcoidosis by FDG-PET; 4) Cardiac SPECT Instrumentation: an Overview and New Advances; 5) Advances in cardiac Protocols; 6) Cardiac SPECT and PET Perfusion Imaging; 7) New Targets: Tracer and Techniques in Nuclear Cardiology; 8) Cardiovascular Inflammation and Infection; 9) Beyond Perfusion Imaging; and 10) Imaging of Heart Failure.
In addition, Dr. Sharmila Dorbala organizes two boot camps for cardiovascular imaging that are commonly well attended and very much appreciated.

SNMMI Strategic Plan Goals that relates to this goal:

- Goal B: Facilitate and support the availability and clinical utilization of nuclear medicine and molecular imaging technologies.
- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

Current Progress: Activity related to the 2016 mid-winter meeting had been completed. The CVC sponsored three sessions, entitled: 1. Dedicated Cardiac SPECT (12:45pm – 2:45pm. Co-sponsored with the CaIC) 2. Emerging and Established Roles of Imaging in Heart Failure. 3. Emerging Molecular Imaging Approaches in Cardiology. All sessions were well attended For the Annual Meeting 2016 in San Diego, the CVC will host a categorical session (jointly hosted with the Correlative Imaging Council) on saturday addressing "Molecular and Multimodality Imaging in cardiovascular Disease".
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(Updated: 04/29/2016)

Next Steps: Awaiting the approval for the CME sessions for the annual SNMMI meeting 2016 in San Diego. (Updated: 12/06/2015)

Goal 2: (90% Completed)

Promote Closer Relationship with ASNC and the other Imaging Societies
There is ongoing dialogue between the leadership of ASNC, ACC, and SNMMI on prevailing issues of mutual interest. Currently, there is a joint effort and initiative between the BOD of the CVC and ASNC to write two position-papers on very timely and high priority topics as follows: 1) Quantification of myocardial blood flow with PET in CAD detection and characterization (spearheaded by V. Murthy and MF Di Carli) 2) The use of cardiac PET and PET/CT for cardiac Sarcoidosis. (Spearheaded by P. Chareonthaitawee and R. Blankstein) These position-papers are widely ready for submission to the Journal of Nuclear Medicine shortly after the upcoming annual SNMMI meeting in San Diego 2016. In addition, there is a joint position-paper by ASNC and SNMMI led by Vasken Dilsizian addressing the appropriate use of cardiac perfusion imaging with PET. Overall, there is an ongoing exchange between the BOD of the CVC and other cardiovascular imaging societies as outlined above. (Updated: 12/06/2015)

**SNMMI Strategic Plan Goals that relates to this goal:**

- **Goal E:** Support and enhance the professional workforce and environment.

**Current Progress:** here is ongoing dialogue between the leadership of ASNC, ACC, and SNMMI on prevailing issues of mutual interest. Currently, there is a joint effort and initiative between the BOD of the CVC and ASNC to write two position-papers on very timely and high priority topics as follows: 1) Quantification of myocardial blood flow with PET in CAD detection and characterization (spearheaded by V. Murthy and MF Di Carli) 2) The use of cardiac PET and PET/CT for cardiac Sarcoidosis. (Spearheaded by P. Chareonthaitawee and R. Blankstein) These position-papers are widely ready for submission to the Journal of Nuclear Medicine shortly after the upcoming annual SNMMI meeting in San Diego 2016. In addition, there is a joint position-paper by ASNC and SNMMI led by Vasken Dilsizian addressing the appropriate use of cardiac perfusion imaging with PET. Overall, there is an ongoing exchange between the BOD of the CVC and other cardiovascular imaging societies as outlined above. (Updated: 04/29/2016)

**Next Steps:** Submission of position papers in summer 2016. (Updated: 12/06/2015)

**Goal 3:** (100% Completed)

Promote closer working relationship with other councils, centers and chapters of SNMMI.

The CVC and the CIC host a joint categorical session with the correlative imaging council at the 2015 and 2016 Annual Meeting. In addition, the CVC hosted a joint CME session with the CaIC at the mid-winter meeting 2016 in Orlando and similar in the upcoming annual SNMMI meetin in San Diego. Dr. Vasken Dilsizian, past President of the CVC, has been elected as vice-president elect of the SNMMI.

**SNMMI Strategic Plan Goals that relates to this goal:**

- **Goal D:** Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- **Goal E:** Support and enhance the professional workforce and environment.

**Current Progress:** The CVC and the CIC will host a joint categorical session with the correlative imaging council at the 2015 and 2016 Annual Meeting. In addition, the CVC host a joint CME session with the CaIC at the mid-winter meeting 2016 in Orlando and similar in the upcoming annual SNMMI meetin in San Diego. Dr. Vasken Dilsizian, past President of the CVC, has been elected to the Executive Board of the SNMMI. (Updated: 12/06/2015)

**Next Steps:** No data entered.

**Goal 4:** (100% Completed)

Continue Implementation of the CVC Internship Program.
The CVC has a highly successful internship program. Dr. Soman, who was the first intern of the CVC, has received the Blumgart-Award in 2016 and was President of the BOD -CVC in 2015-15. Dr. Wengen Chen, the incumbent intern has been involved in developing the scientific programs of the CVC at the Mid-winter and Annual meetings both as an organizer and participant. Dr. Chen lectured on FDG imaging of LVAD infections at the 2014 Annual Meeting, and was invited to speak on the same subject at the Chinese Society of Nuclear Medicine meeting in November. He has authored 3 published manuscripts during his tenure as intern, and continues his funded research at the University of Maryland. Dr. Chen will complete his internship this year. Dr. James Thackeray, PhD, a highly accomplished post doctoral fellow working in the lab of Dr. Frank Bengel, is the new CVC Intern. He has given a state-of-the-art lecture about "Nuclear Imaging Modalities to image Sympathetic Innervation of the Heart" at the midwinter meeting 2016 in Orlando. He has already published several manuscript in the field of cardiovascular molecular imaging. This year he even won the ACC young investigator award in Chicago. No doubt, he will be an important asset for the CVC as Intern and in the near future.

**SNMMI Strategic Plan Goals that relates to this goal:**
- **Goal E:** Support and enhance the professional workforce and environment.

**Current Progress:** The CVC has a highly successful internship program. Dr. Soman, who was the first intern of the CVC, has received the Blumgart-Award in 2016 and was President of the BOD -CVC in 2015-15. Dr. Wengen Chen, the incumbent intern has been involved in developing the scientific programs of the CVC at the Mid-winter and Annual meetings both as an organizer and participant. Dr. Chen lectured on FDG imaging of LVAD infections at the 2014 Annual Meeting, and was invited to speak on the same subject at the Chinese Society of Nuclear Medicine meeting in November. He has authored 3 published manuscripts during his tenure as intern, and continues his funded research at the University of Maryland. Dr. Chen will complete his internship this year. Dr. James Thackeray, PhD, a highly accomplished post doctoral fellow working in the lab of Dr. Frank Bengel, is the new CVC Intern. He has given a state-of-the-art lecture about "Nuclear Imaging Modalities to image Sympathetic Innervation of the Heart" at the midwinter meeting 2016 in Orlando. He has already published several manuscript in the field of cardiovascular molecular imaging. This year he even won the ACC young investigator award in Chicago. No doubt, he will be an important asset for the CVC as Intern and in the near future. (Updated: 04/29/2016)

**Next Steps:** No data entered.

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**Goal 5: (95% Completed)**

Facilitate communication and development of Outreach initiatives.

The CVC Outreach committee hosted think tank to discuss the state of CV molecular imaging and determine how current technologies could be translated to address gaps in clinical care. This think tank was held in Washington DC in April 2015, and was chaired by Dr. Mehran Sadeghi and Dr. Robert Gropler from the SNMMI-CVC, and by Dr. James Udelson. The think tank was attended by representatives of all relevant organizations, physician leaders, FDA, Industry and the NIH, and was a highly successful example of a collaborative effort. The CVC was also represented at an ACC think tank on the "Future of CV Imaging", by Dr. Vasken Dilsizian. The objective of this think tank was to debate and develop a pathway for training multimodality imaging specialists. The BOD of the CVC has been approved by the HOD additional 2 positions in the BOD for international members as outreach initiative.

**SNMMI Strategic Plan Goals that relates to this goal:**
- **Goal B:** Facilitate and support the availability and clinical utilization of nuclear medicine and molecular imaging technologies.
- **Goal C:** Increase appropriate utilization of Radionuclide Therapy.
**Current Progress:** The CVC Outreach committee hosted think tank to discuss the state of CV molecular imaging and determine how current technologies could be translated to address gaps in clinical care. This think tank was held in Washington DC in April 2015, and was chaired by Dr. Mehran Sadeghi and Dr. Robert Gropler from the SNMMI-CVC, and by DR. James Udelson. The think tank was attended by representatives of all relevant organizations, physician leaders, FDA, Industry and the NIH, and was a highly successful example of a collaborative effort. The CVC was also represented at an ACC think tank on the "Future of CV Imaging", by Dr. Vasken Dilsizain. The objective of this think tank was to debate and develop a pathway for training multimodality imaging specialists. The BOD of the CVC has been approved by the HOD additional 2 positions in the BOD for international members as outreach initiative. (Updated: 04/29/2016)

**Next Steps:** Awaiting the vote of the HOD for 2 additional BOD positions for international members. (Updated: 12/06/2015)

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**Goal 6:** (100% Completed)

Promote Cardiovascular Molecular Imaging within the Scientific community.

The CVC Outreach committee hosted think tank to discuss the state of CV molecular imaging and determine how current technologies could be translated to address gaps in clinical care. This think tank was held in Washington DC in April 2015, and was chaired by Dr. Mehran Sadeghi and Dr. Robert Gropler from the SNMMI-CVC, and by DR. James Udelson. The think tank was attended by representatives of all relevant organizations, physician leaders, FDA, Industry and the NIH, and was a highly successful example of a collaborative effort. At the SNMMI Annual Meeting 2015, CVC hosted a total of 10 sessions including a categorical session (jointly with the CIC), two boot camp sessions on nuclear cardiology and 7 additional continuing education sessions. At the SNMMI Annual Meeting 2016 in San Diego, the CVC will host again a total of 10 CME sessions, 2 boot camp sessions for cardiovascular imaging, and one categorical session.

**SNMMI Strategic Plan Goals that relates to this goal:**

- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

**Current Progress:** The CVC Outreach committee hosted think tank to discuss the state of CV molecular imaging and determine how current technologies could be translated to address gaps in clinical care. This think tank was held in Washington DC in April 2015, and was chaired by Dr. Mehran Sadeghi and Dr. Robert Gropler from the SNMMI-CVC, and by DR. James Udelson. The think tank was attended by representatives of all relevant organizations, physician leaders, FDA, Industry and the NIH, and was a highly successful example of a collaborative effort. At the SNMMI Annual Meeting 2015, CVC hosted a total of 10 sessions including a categorical session (jointly with the CIC), two boot camp sessions on nuclear cardiology and 7 additional continuing education sessions. At the SNMMI Annual Meeting 2016 in San Diego, the CVC will host again a total of 10 CME sessions, 2 boot camp sessions for cardiovascular imaging, and one categorical session. (Updated: 04/29/2016)

**Next Steps:** Awaiting the approval for the CME sessions for the Annual SNMMI meeting in San Diego. (Updated: 12/06/2015)

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**Goal 7:** (90% Completed)

Increase membership and participation in the Cardiovascular Council.

The CVC continues to provide member value by hosting cardiovascular sessions at the SNMMI meetings, through its newsletters, and two upcoming important position papers. In addition, 2 additional positions in the BOD for international members have been
approved by the HOD. The CVC councils strive to included more chairs and speakers from outside of North-America as outreach initiative.

**SNMMI Strategic Plan Goals that relates to this goal:**
No goals selected.

**Current Progress:** The CVC continues to provide member value by hosting cardiovascular sessions at the SNMMI meetings, through its newsletters, and two upcoming important positions papers. In addition, 2 additional positions in the BOD for international members have been approved by the HOD. The CVC councils strive to included more chairs and speakers from outside of North-America as outreach initiative. (Updated: 04/29/2016)

**Next Steps:** No data entered.

**Goal 8: (100% Completed)**

Continue to provide professional and educational information through Council newsletters and the webpage.

The CVC considers its communication with the membership a priority. To this end, a non-voting BOD position was created for editor of the CVC newsletter. The appointment to this position will be made by the President of the CVC. The current incumbent is Mr. Edward Lyons. The CVC continues to provide member value through its newsletter which disseminates information and opinion on contemporary issues in nuclear cardiology. Two important positions papers on the use of PET-determined myocardial blood flow in CAD detection and characterization as well as its application for cardiac sarcoid detection are widely ready to be submitted to the Journal of Nuclear Medicine.

**SNMMI Strategic Plan Goals that relates to this goal:**
- Goal D: Advance and promote quality, value and safety of Molecular Imaging and Nuclear Medicine.
- Goal E: Support and enhance the professional workforce and environment.

**Current Progress:** The CVC considers its communication with the membership a priority. To this end, a non-voting BOD position was created for editor of the CVC newsletter. The appointment to this position will be made by the President of the CVC. The current incumbent is Mr. Edward Lyons. The CVC continues to provide member value through its newsletter which disseminates information and opinion on contemporary issues in nuclear cardiology. Two important positions papers on the use of PET-determined myocardial blood flow in CAD detection and characterization as well as its application for cardiac sarcoid detection are widely ready to be submitted to the Journal of Nuclear Medicine. (Updated: 04/29/2016)

**Next Steps:** No data entered.