



13th Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography
July 12-15, 2018

INSTRUCTIONS FOR SUBMITTING ABSTRACTS

There are two types of abstracts being accepted for submission — standard abstracts and educational exhibit abstracts.

Standard abstracts will be considered for either oral presentation or poster presentation and should consist of technical or clinical research.

Educational exhibit abstracts are designed to teach or review imaging signs, pathologic correlations, procedures, techniques, treatments and interventions or other aspects related to the practice of imaging.

All accepted abstracts will have the option of uploading an ePoster in addition to an oral or poster presentation.

All abstracts must be submitted online at

<http://www.abstractsonline.com/cSubmit/login.asp?mkey=%7BE3855A23%2D0EA0%2D48D6%2D9D5C%2D2E6FF33773BA%7D>

You will select the type of abstract you would like to be considered for during the submission process.

Deadline for Abstract Submission is March 16, 2018 11:59 PM, Eastern Standard Time.

EDUCATIONAL EXHIBIT ABSTRACTS SUBMISSION

- Education exhibit abstracts should be designed to teach or review imaging signs, pathologic correlations, procedures, techniques, treatments and interventions or other aspects related to the practice of imaging.
- Education exhibit abstracts will not be published in JCCT.
- The abstract body may contain a maximum of 1,350 characters. The program counts the number of spaces and characters in a table and automatically deducts from the total character limit. Images have a set amount of 320 characters. When an image is uploaded, 320 characters will be deducted from the total. Author names and institutions will not count towards the character limit.
- The abstract title: The title should be brief, but long enough to identify clearly the nature of the abstract.
- The abstract structure must be formatted into these two labeled sections:
 - Section 1 – The abstract body, which should include:
 - Teaching points
 - Table of Contents/Outline
 - Section 2 - This section should include a sample of five PowerPoint slides (figures /images/charts/graphs, must be original).
 - The intent of the required PowerPoint upload is to inform the reviewer of the specific content that the learner should expect to see in a completed exhibit. Your opportunity for acceptance largely depends on what the reviewer perceives as a well thought out study rather than a promissory note.

PLEASE NOTE: All presenters are required to register for the meeting and pay the appropriate registration fee.

Information for accepted educational exhibit abstracts

Display Format Education exhibits will be presented in backboard panel (hard-copy poster) format and digital computer format (ePoster).

STANDARD ABSTRACT SUBMISSIONS

- The abstracts must be submitted through the website.
- Unless specifically stated otherwise, the author submitting the abstract is the presenting author. The presenting author's contact information (email and phone number) must be included with the abstract.
- Abstract Structure: All abstracts must be formatted into these four labelled sections. Strict attention to the following guidelines is required for uniform appearance in publication.
 - Introduction: A brief introduction stating the abstract's purpose. Please use 'Introduction' and not 'Background' or 'Purpose' as the section header.
 - Methods: A brief description of methods.
 - Results: A summary of the results.
 - Conclusion: A statement of conclusions reached. Do not state simply that "the results will be discussed."
- The abstract body may contain a maximum of 2500 characters. A maximum of one graph/table and one image may be uploaded. The program counts the number of spaces and characters in a table and automatically deducts from the total character limit. Images have a set amount of 320 characters. When an image is uploaded, 320 characters will be deducted from the total number of characters. Author names and institutions will not count towards word limit.
- More than one abstract may be submitted for review but with each submitted separately. A separate submission must be completed for each abstract.
- All presenting authors must be registered for the 13th Annual Scientific Meeting and pay the appropriate registration fee.

See the follow abstract example for formatting.

94 Lubarsky L, Prakash M, Jelin V, Panogopoulos G, Hecht HS.
Relation of Plaque Composition to Degree of Stenosis: Evaluation
by 64 Detector Computed Tomographic Coronary Angiography
Lenox Hill Heart & Vascular Institute, New York, NY

Introduction: The Glagov hypothesis suggests that positive remodeling preserves lumen size until further plaque formation results in significant narrowing. However, there are no data relating the percent stenosis (S%) to the plaque composition responsible for the stenosis. We analyzed degree of coronary plaque calcification and its relation to degree of stenosis using Computed Tomographic angiography (CTA).

Methods: The study group included 29 male (mean age of 63+/-12 years) and 22 women (mean age of 66+/-10 years). A total of 51 consecutive ambulatory patients undergoing 64 detector computed tomographic angiography (CTA) were evaluated using the AHA 18 segment model. The worst segmental narrowing was measured and S% calculated on the curved multiplanar reconstruction using the closest normal reference segments. Stenoses were assigned to quartiles: 0-25%, 25-50%, 50-75% and >75%. Plaque was characterized as totally non-calcified (TNC), predominantly non-calcified (PNC), predominantly calcified (PC) and totally calcified (TC).

Results: Measurable narrowing was detected in 52% (344) of the 663 evaluated segments. As shown in the Table, there was a significant (p<0.05) direct relationship between the extent of non-calcified plaque and the S%. TNC accounted for 43% of the >75% group, compared to 23% of the 0-25% group (p<0.05). In segments with >50% stenosis, TNC or PNC was present in 74 % vs 26% with PC or TC (p<0.001).

Conclusions: 1) Non-calcified plaque is directly, and calcified plaque inversely, related to the severity of arterial narrowing; this suggests that positive remodeling associated with predominantly calcified plaque preserves lumen size; predominantly non-calcified plaque is detrimental. 2) CTA is uniquely suited to the noninvasive evaluation of coronary artery morphology.

Table: Relation of plaque composition and degree of stenosis.

Percent stenosis	TNC	PNC	PC	TC
0-25%	23% (29)	37% (46)	34% (27)	13% (16)
25-50%	23% (19)	39% (33)	29% (24)	9% (84)
50-75%	20% (15)	49% (37)	23% (17)	8% (6)
>75%	43% (6)	37% (22)	13% (8)	7% (4)

1. ABSTRACT CATEGORIES AND KEYWORDS

Abstract categories have also been supplied for helping to group your abstract into a broad subject area. Please select the category that best suits your work to assist us in placing your submission in the appropriate session.

2. SCCT BEST ABSTRACT AWARDS

A panel of judges will review all poster and oral abstract presentations and select winners in categories of clinical and technical research. This award is open to all abstracts submitted to the annual scientific meeting. No application is necessary.

3. TOSHIBA YOUNG INVESTIGATOR AWARDS (YIA) - Sponsored by an educational grant from Toshiba America Medical Systems, Inc.

Criteria:

- For those within five (5) years of completing training program.
- The material must not have been previously published.
- Material submitted toward the Young Investigator Award must pertain to research relating to the technical and clinical advancement of cardiovascular CT.
- If abstract is selected, it is mandatory that submitter attend SCCT2018 to present.

Abstracts submitted online (with a notation on the abstract that it is intended for YIA Award consideration) will be evaluated by both the SCCT Abstracts Grading Committee and the YIA Award Committee. Submitted YIA Award abstracts that are not selected to be finalists will still be eligible for regular abstract sessions, though the SOAR Award committee does not guarantee placement in these sessions.

4. SIEMENS OUTSTANDING ACADEMIC RESEARCH(SOAR) AWARDS - Sponsored by SIEMENS Healthineers

Criteria:

- Eligible to all submitting abstracts
- Material submitted for the SOAR program must pertain to a topic specified by the SOAR committee. The topic for SCCT2018 will be available shortly.
- If abstract is selected, it is mandatory that submitter attend SCCT2018 to present.

Abstracts submitted online (with a notation on the abstract that it is intended for SOAR Award consideration) will be evaluated by both the SCCT Abstracts Grading Committee and the SOAR Award Committee. Submitted SOAR Award abstracts that are not selected to be finalists will still be eligible for regular abstract sessions, though the SOAR Award committee does not guarantee placement in these sessions.

Six finalists will be selected and each will give an oral presentation in a special session at the Annual Scientific Meeting. All finalists must register for the Annual Meeting. The abstracts and presentations will be judged by an independent panel, and one winning finalist and a runner up finalist will be recognized. Further information will be forthcoming.

5. MEXICO/CENTRAL AMERICA: PRESENTS BEST ABSTRACT AWARD

SCCT will be highlighting research from the Mexico/Central America Regions with a special collection of abstracts that will be presented at the Mexico/Central America PRESENTS session. An award will be given to one abstract from the collection. All abstracts submitted from the Mexico/Central America Regions are eligible. A panel of judges will select a winner from all Mexico/Central America poster and oral abstract presentations. Applicants should select the Mexico/Central America PRESENTS option when submitting their abstract.

6. ABSTRACT PRESENTATION FORMATS

Abstracts will be presented by oral or poster format, at the discretion of the Annual Scientific Program Committee. If you prefer to present your abstract by poster format **only**, please indicate that at the time of abstract submission. This must be indicated at the time of submission. Once abstract are placed in sessions, requests to change formats will not be accepted.

Oral Presentation

All oral presentations will consist of 12-minute presentations (9 minutes for the presentation; 3 minutes for discussion). Presenters will be required to bring their presentation in an electronic format. The meeting room will have a LCD projector. A Speaker Ready Room will be available to upload your presentation.

Poster

Presenters must be available during their assigned presentation time to present their poster and answer any questions. POSTER SIZE IS 4' X 4' [PLEASE PAY STRICT ATTENTION TO THIS SIZE MAXIMUM. LARGER POSTER SIZES CANNOT BE ACCOMMODATED.]. The presenter must provide the presentation material for the poster board, including all relevant disclosure information. Push pins will be available onsite. No audiovisual, or any equipment requiring power will be permitted in the poster session area.

ePosters

All accepted abstracts will have the option of uploading an ePoster in addition to an oral or poster presentation

“Rapid Fire” Presentations

The abstract selection committee will designate some abstracts to be presented in a “rapid-fire” format during the standard poster presentations.

7. PUBLICATION OF ABSTRACTS

Titles and co-authors of accepted oral and poster presentations will be listed in the onsite programs. Full text of accepted abstracts will be published in a supplement of the *Journal of Cardiovascular Computed Tomography* (except Educational exhibit abstracts).

8. NOTIFICATION OF RECEIPT AND ACCEPTANCE

Notification of receipt will be sent to the presenting author within one business day of abstract submission. Only the person who is listed as the presenting author will be notified. It is up to this person to notify the remainder of the co-authors. Notifications are sent to all presenting authors whether their abstract is accepted or rejected.

9. REGISTRATION

All presenters are required to register for the meeting and pay the appropriate registration fee.

10. FOR MORE INFORMATION, CONTACT:

Society of Cardiovascular Computed Tomography

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Vienna, VA 22180

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Website for abstracts: [AbstractsOnline](#)

Email for general inquiries: abstracts@scct.org

Abstract Submission Deadline:

March 16, 2018 11:59 PM Eastern Standard Time