CT in the *heart* of bourbon country

SCCT TAVR WORKSHOP

Procedural planning with cardiovascular CT: Focus on TAVR and LAA

April 26 - 28, 2019
University of Kentucky
Lexington, Ky.

CHAIRS

Michael Winkler, MD, FSCCT
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AGENDA

FRIDAY, APRIL 26, 2019

4:30pm	Registration
4:55pm	Welcome and introductions
5pm	Data visualization in medical imaging I - III: Post-processing techniques
5:15pm	CT anatomy of the aortic root
5:30pm	Cases 1 - 6: Annulus and buttonology; Expert-directed self-study and review
6:30pm	Post-processor selection
6:35pm	Cases 7 - 12: Coronary heights, STJ, ascending aorta; Expert-directed self-study and review
7:20pm	Q&A panel discussion
7:30pm	Conclusion of sessions for the day
8pm	Dinner, reception, and bourbon lecture at Boone Center

SATURDAY, APRIL 27, 2019

8am	Breakfast at UK
8:30am	3D printing and AR workshop
9am	Cases 13 - 15: Iliofemoral arteries; Expert-directed self-study and review
9:30am	Acquisition protocols for TAVR
9:45am	Cases 16 - 20: Aortic bicuspid valve, aortic valve in valve; Expert-directed self-study and review
10:45am	Anatomy of the mitral valve
11am	Case 21 - 22: Mitral Valve, mitral valve in valve; Expert-directed self-study and review
11:30am	Catered lunch from Delvin's Kentucky Home Cooking
12:30pm	Cases 23 - 28: TAVR artifacts, alternate access; Expert-directed self-study and review
2:45pm	Balloon expandable and self expandable valves, measurements and technique
2:50pm	Interventional cardiology panel discussion
3:30pm	Cases 29 - 30: Calcium scoring of the aortic valve; Expert-directed self-study and review
4pm	Cases 31 - 32: Speed run of complete TAVR cases; Expert-directed self-study and review
4:30pm	Coffee and pie break
4:45pm	CT and echo anatomy of the left atrial appendage
5:15pm	Watchman and amulet, measurements and technique
5:45pm	Cases 33 - 34: beginner cases LAA; Expert-directed self-study and review
6:15pm	Conclusion of sessions for the day

SUNDAY, APRIL 28, 2019

8:30am	Breakfast at UK
9am	Cases 35 - 40: LAA; Expert-directed self-study and review
10am	Case 41 - 42: Segmentation, aortic root and LAA; Expert-directed self-study and review
10:30am	Case 43 - 44: Imbedded geometry, aortic root and LAA; Expert-directed self-study and review
11am	Coffee and snack break
11:15am	Cases 45 - 50: Learners Choice; Expert-directed self-study and review
11:15am	Breakout: 3D prints returned from labratories; demonstration of finishing techniques
12:15pm	Final Q&A
12:30pm	Adjourn – End of course

SOCIETY OF CARDIOVASCULAR COMPUTED TOMOGRAPHY

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This workshop will allow the learner to experience, hands-on, all aspects of post processing CTA for the purposes of TAVR and left atrial appendage exclusion device procedural planning. Learners can expect to process approximately 50 cases over the course of the workshop. The few lectures offered will be very brief and pragmatic. A pre-course syllabus will be provided in lieu of long didactic lectures.

During the workshop, learners will interact with a multi-institutional multidisciplinary faculty at our state-of-the-art learning center in Lexington, Kentucky – the horse and bourbon center of the world.

Every learner will be assigned their own workstation with several different post-processing clients installed. A breakout room will be available for experienced learners where advanced skills, such as data interpolation and decimation, segmentation by data sculpting, multimasking, STL file creation and 3D printing, will be taught.

SCCT offers quality education at affordable prices. Discounts are available for SCCT members and those that register at the non-member rate will be given the opportunity for complimentary SCCT membership.

CME Information:
The Society of Cardiovascular Computed Tomography is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Information:
*The Society of Cardiovascular Computed Tomography designates this hands-on activity for a maximum of for a maximum of **13.0 AMA PRA Category 1 Credits™**.*

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