

Cardiovascular Cores and Abstract Categories

1. Cardiovascular Imaging

Cat #	Abstract Category Name	Lead Council
101	Echocardiography: Evaluation of Systolic Function	CLCD
102	Echocardiography: Evaluation of Diastolic Function	CLCD
103	Echocardiography: Emerging Technologies	CLCD
104	Echocardiography in CAD: Stress and Contrast	CLCD
105	Echocardiography in Clinical Syndromes: Valve disease, Stroke and Arrhythmias	CLCD
106	Nuclear Cardiology: Isotope Imaging and PET	CLCD
107	Computed Tomography (CT): Coronary Artery	CVRI
108	Computed Tomography (CT): Heart (Non-Coronary)	CVRI
109	Magnetic Resonance Imaging (MRI): Heart	CVRI
110	Non-Coronary Vascular Imaging (CT/MRI/Other)	CVRI

2. Epidemiology and Prevention of CV Disease: Physiology, Pharmacology, and Lifestyle

Cat #	Abstract Category Name	Lead Council
201	Lipids, Lipid Mediators, and Lipoprotein Metabolism: Cellular and Animal	ATVB
202	Lipid and Lipoprotein Metabolism: Clinical	ATVB
203	Stress Testing Exercise and Pharmacologic	CLCD
204	Psychosocial and Behavioral Aspects	CVN
205	Prevention, Education, and Disease Management	CVN
206	Nutrition in CVD Risk and Prevention	NPAM
207	Exercise, Physical Activity and Rehabilitation	NPAM
208	Preventive Interventions: Population and Clinical Trials	EPI
209	Obesity in CVD Risk and Prevention	NPAM
210	Diabetes Mellitus and CVD: Prevention and Management	NPAM
211	Epidemiology: Population Studies, Risk Factors, Biomarkers	EPI
212	Quality of Care, Outcomes Research and Health Policy	QCOR
213	Physiologic Aspects of Acute and Chronic Care	CVN
214	Reaching the AHA 2020 Goals: Strategies for Success	EPI
215	Clinical and Hospital-Based Observational Studies	EPI

3. Genetics, Genomics, and Congenital CV Disorders

Cat #	Abstract Category Name	Lead Council
301	Gene Expression/Molecular Biology	BCVS
302	Cardiac Development	BCVS
303	Functional Genomics, Transcriptomics, Proteomics and Metabolomics of Cardiovascular Disease	FGTB
304	Genetic Epidemiology, Genomics and Pharmacogenomics of Cardiovascular Disease	FGTB/EPI
305	Pediatric Congenital and Acquired Heart Disease	CVDY
306	Pediatric Imaging	CVDY
307	Pediatric Electrophysiology	CVDY
308	Pediatric Cardiac Surgery	CVDY
309	Adult Congenital Heart Disease	CVDY
310	Pediatric Heart Failure	CVDY

311 Pediatric Epidemiology and Prevention CVDY

4. Heart Rhythm Disorders and Resuscitation Science

Cat #	Abstract Category Name	Lead Council
401	Ion Channels and membrane Transporters	BCVS
402	Cellular Electrophysiology and Excitation-contraction coupling	BCVS
403	Arrhythmias in Experimental Models	BCVS
404	Arrhythmia: Clinical Electrophysiology, Diagnosis and Risk Stratification	CLCD
405	Treatment of Arrhythmias: Pharmacologic	CLCD
406	Treatment of Arrhythmias: Ablation	CLCD
407	Treatment of Arrhythmias: ICD/Pacemaker – excluding CRT	CLCD
408	Resuscitation, CPR, Emergency Cardiac Care, Critical Care, AED and Trauma	3CPR

5. Myocardium: Function and Failure

Cat #	Abstract Category Name	Lead Council
501	Cardiac Failure and Remodeling	BCVS
502	Cell, Tissue Engineering, and Gene Based Therapies	CVSA
503	Heart Failure: Pathophysiology & Diagnosis	CLCD
504	Heart Failure: Pharmacologic Therapy	CLCD
505	Heart Failure: Pacing and Other Therapeutic Devices	CLCD
506	Heart Failure: Disease Management, Quality of Care, and Clinical Outcomes	CLCD
507	Medical Aspects End Stage Heart Failure: Transplantation and Device Therapies	CLCD
508	Pulmonary Circulation, Respiratory Processes, and Lung Injury	3CPR
509	Molecular Basis of Hypertrophy	BCVS
510	Cardiac Regeneration/Cellular Therapy - Experimental	BCVS
511	Myocardial Structure and Pathology	BCVS
512	Ventricular Function/Mechanics	BCVS
513	Myocardial Energetics/Intermediary Metabolism	BCVS
514	Protection of Ischemic Myocardium	BCVS
515	Apoptosis and Necrosis	BCVS
516	Autophagy, Mitochondria, and Protein Homeostasis	BCVS
517	Ventricular Function/Hemodynamics and Biomarkers	CLCD
518	Myocardial (including Hypertrophy)/Pericardial Disease	CLCD
519	Valvular Heart Disease: Diagnosis, Pathophysiology and Medical Management	CLCD

6. Catheter-Based and Surgical Interventions

Cat #	Abstract Category Name	Lead Council
601	Pharmacology for ACS and PCI	CLCD
602	Catheter-Based Coronary Interventions: Stents – Clinical Use	CLCD
603	Catheter-Based Coronary Interventions: Experimental & New Technology	CLCD
604	Endovascular Therapy	PVD
605	Percutaneous Non-Coronary Cardiac Intervention (including Percutaneous Valves)	CLCD
606	Catheter-Based Coronary Imaging and Hemodynamics	CLCD
607	Thoracic Aortic Disease	CVSA

608	Surgical Revascularization for Ischemic Heart Disease	CVSA
609	Myocardial Protection, Intraoperative Management, and Postoperative Critical Care	CVSA
610	Surgical Therapy for Valvular Heart Disease	CVSA
611	Surgical Treatment of Heart Failure, Transplantation, and Arrhythmias	CVSA

7. Vascular Disease: Biology and Clinical Science

Cat #	Abstract Category Name	Lead Council
701	Vascular Development, Differentiation, and Regeneration	ATVB
702	Mechanisms of Atherosclerosis	ATVB
703	Endothelium, Vascular Tone and Nitric Oxide	ATVB
704	Proliferation, Remodeling, Extracellular Matrix	ATVB
705	Stem/Progenitor Cells	ATVB
706	Angiogenesis and Arteriogenesis	ATVB
707	Inflammation and Adhesion Molecules	ATVB
708	Microcirculation and Cerebral/Coronary/Peripheral Circulation	ATVB
709	Hemostasis, Thrombosis and Fibrinolysis	ATVB
710	Experimental Myocardial Infarction	BCVS
711	Redox Signaling and Oxidative Stress	ATVB
712	Growth Factors, Cytokines, Signal Transduction	BCVS
713	Receptor Pharmacology	KCVD
714	Vascular Medicine (non-coronary): Clinical Science	PVD
715	Unstable Angina, NSTEMI and STEMI: Diagnosis and Pathophysiology	CLCD
716	Unstable Angina, NSTEMI and STEMI: Prognosis and Pharmacologic Therapy	CLCD
717	Chronic Ischemic Heart Disease	CLCD
718	Cardiorenal Physiology/Pathophysiology	KCVD
719	Hypertension: Experimental	HBPR
720	Hypertension: Clinical	HBPR
721	Cerebrovascular Disease/Stroke (Basic)	STK
722	Cerebrovascular Disease/Stroke (Clinical)	STK
723	Pulmonary Hypertension	3CPR
724	Autonomic, Reflex, and Neurohumoral Control of Circulation	BCVS
725	Acute and Chronic Coronary Artery Disease: Quality Care and Outcomes	QCOR