SAMPLE ABSTRACT TEMPLATE

CARDIAC CHANNELOPATHIES – SILENT THREAT TO SUDDEN CARDIAC DEATH

Author and Co-author names
Presenter Name
DR SALLA SURYA PRAKASA RAO, MD.
PROFESSOR OF GENERAL MEDICINE ,
INCHARGE OF DEPARTMENT OF CARDIOLOGY AND FAMILY MEDICINE.

Abstract: ABSTRACT: Sudden Death refers to the death of an individual within 24 hrs after being seen alive and in a normal state of health. The currently identified Channelopathies known to cause syncope and sudden death include
Long QT Syndrome (LQTS), Short QT Syndrome (SQTS),
Brugada Syndrome (BrS) and Catecholaminergic Polymorphic Ventricular Tachycardia (CPVT).
Cardiac channelopathies refer to a heterogeneous group of disorders caused by a malfunction of ion channels in the structurally normal heart. ION Channel is a cell membrane channel that is selectively permeable to certain ions (such as of calcium or sodium). Cardiac channelopathies constitute a heterogeneous group of inherited cardiac diseases caused by mutations in genes that encode for the ion channels expressed in the heart (involved in Na+ [INa], K+ [IK] and Ca2+ [ICa] currents) and/or the proteins that regulate their function. Cardiac Channelopathies are inherited cardiac disorders associated with potentially life-threatening ventricular arrhythmias.
They are caused by genetic mutations of ion channels that alter the cardiac cell membrane potential and intracellular hemostasis. over 17 genes have been implicated in the pathogenesis of LQTS, the majority of mutations perturb the critical ion channel pore-forming α-subunits encoded by 3 genes:
the KCNQ1-encoded Kv7.1 potassium channel (type 1 long QT syndrome [LQT1]), the KCNH2-encoded Kv11.1 potassium channel (LQT2), and the SCN5A-encoded Nav1.5 sodium channel (LQT3).
ICD: An implantable cardioverter-defibrillator (ICD) is a small battery-powered device placed in the chest. It detects and stops irregular heartbeats, also called arrhythmias. An ICD continuously checks the heartbeat. It delivers electric shocks, when needed, to restore a regular heart rhythm.
Conclusion: The primary challenges to SCD prevention are early identification of individuals at risk and clinical measures in asymptomatic individuals carrying a mutation, since the first manifestation of the disease can be SCD itself.
In the future, comprehensive genotype-phenotype studies in large cohorts of families should be performed in order to clarify the genetic basis of SCD-related diseases as well as the adoption of personalized preventive therapies for the prevention of SCD.

Biography of presenting author Dr. Salla Surya Prakasa Rao , Professor of General Medicine & incharge of Department of Cardiology and Family Medicine working at ESIC – Employees' State Insurance Corporation Medical College (Under Govt. of India) Hyderabad, Telangana State
I have 22 years of teaching and research experience in General Medicine in Medical Colleges and also I have 23 research articles publications also.
Apart from my MD (General Medicine) degree, I have completed the Post graduate certificate courses in

SAMPLE ABSTRACT TEMPLATE

1.Diabetes,

2.Geriatrics,

3.Clinical Cardiology,

4.Torture Medicine,

5.Environmental and Occupational Health..

I have a wide exposure in Cardiology, Nephrology, Diabetology, Geriatrics and Occupational Health in clinical research and patient care.

I worked 5 years in Cardiology dept. as Senior Resident and Tutor in different teaching hospitals after my MD in General Medicine.

I received Three times the Award - 'the Meritorious and OutStanding doctor of Hyderabad' from the Government of Telangana.

@ the ' 75 th Republic Day Celebrations 2024'

@ 78 th Independence Day 2024 celebrations.

@ 76 th Republic Day Celebrations 2025

Details of presenting author to be mentioned in certificate:

Name: Prof. Dr. Salla Surya Prakasa Rao
Affiliation: ESIC Medical College and Hospital (Under the Ministry of Labour and Employment, Govt. of India) Hyderabad.
Country:

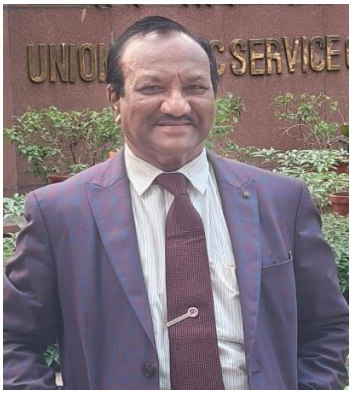
Other Details:

Presentation Category: (Oral)
Session Name:
Email: drssp56@gmail.com
Alternative email: drsprao56@gmail.com
Contact Number: +91 9440556600
Facebook :DrSurya Prakasarao Salla

Recent Photograph: (High Resolution)

SAMPLE ABSTRACT TEMPLATE





If you feel difficulty in inserting high resolution image in word document, please send it in email