



PUBLIC HEALTH FOUNDATION OF INDIA



WORLD HEART FEDERATION®



AMERICAN COLLEGE of CARDIOLOGY



Centre for Chronic Disease Control
WHO Collaborating Centre for Surveillance, Capacity building and Translational Research in Cardio-Metabolic Diseases

CERTIFICATE COURSE IN CARDIOVASCULAR DISEASE & STROKE (CCCS)



This course is endorsed by the Royal College of Physicians, London

Cycle - I

(August 2018 - July 2019)

**Last Date of Enrolment:
15th July, 2018**

**Course Starts in:
August, 2018**



Royal College of Physicians

This course is endorsed by the Royal College of Physicians, London

Supported by an Educational Grant from



BURDEN OF DISEASE

Cardiovascular diseases (CVDs) have now become the leading cause of mortality in India. A quarter of all mortality is attributable to CVD. Ischemic heart disease and stroke are the predominant causes and are responsible for >80% of CVD deaths.¹ According to the Global Burden of Disease study age-standardized estimates (2016), nearly a quarter (28.1%) of all deaths in India are attributable to CVD.² Worldwide, stroke is the second leading cause of death and the third leading cause of disability³. Annually, 15 million people worldwide suffer from stroke. Of these, 5 million die and another 5 million are left permanently disabled, placing a burden on family and the community.⁴ Over the last four decades, the stroke incidence in low- and middle-income countries has more than doubled.

Certificate Course in Cardiovascular Disease and Stroke (CCCS)

CCCS is a joint certification program designed and implemented by the Public Health Foundation of India (PHFI) in collaboration with World Heart Federation (WHF), Centre for Chronic Disease Control (CCDC), American College of Cardiology (ACC), Population Health Research Institute (PHRI) and Rotary International. The course is endorsed by Royal College of Physicians, London (RCP). CCCS is a twelve month on job training program with once-a-month contact sessions, being conducted on a designated weekend at regional training centers across India. The educational grant for the program in India has been provided by Sun Pharma Laboratories Limited.

PUBLIC HEALTH FOUNDATION OF INDIA

(Implementation Partner)

PHFI is a public private initiative that has collaboratively evolved through consultations with multiple constituencies including Indian and International academia, state and central governments, multi & bi-lateral agencies and civil society groups. PHFI is a response to redress the limited institutional capacity in India for strengthening training, research and policy development in the area of Public Health.

For more information on activities at PHFI, visit

www.phfi.org

WORLD HEART FEDERATION

(Academic Partner)

WHF is dedicated to leading the global fight against cardiovascular disease (CVD) including heart disease and stroke via a united community of more than 200 member organizations. WHF headquarters is based in Geneva, Switzerland. WHF aligns its efforts around the World Health Organization and sustainable development goals which aim to reduce premature deaths from NCDs by one third by 2030.

For more information on activities at WHF, visit

www.world-heart-federation.org

AMERICAN COLLEGE OF CARDIOLOGY

(Knowledge Partner)

ACC is a non-profit organization established in 1949. The mission of ACC is to transform cardiovascular care and improve heart health. The ACC leads in formation of health policy, standards and guidelines. The mission of the College and its more than 52,000 members is to transform cardiovascular care and to improve heart health.

For more information on activities at ACC, visit

www.acc.org

POPULATION HEALTH RESEARCH INSTITUTE

(Knowledge Partner)

A world leader in large clinical trials and population studies, PHRI is Canada's premier cardiovascular research institute PHRI has conducted more than 80 global trials and epidemiological studies in more than 1,500 centres, in 100 countries, in all inhabited continents. PHRI has the expertise and infrastructure to simultaneously conduct multiple studies-including its largest, PURE involving 200,000 combined participants. In 2011 PHRI was ranked as the research institute with the 7th highest impact in the world, and the highest in Canada, by the European organization, SCIMAGO.

For more information on activities at PHRI, visit

www.phri.ca

CENTRE FOR CHRONIC DISEASE CONTROL

(Technical Partner)

CCDC, a WHO collaborating center for capacity building and research and a department of biotechnology designated center of excellence for clinical research, is an independent and not-for-profit biomedical research organization, based in New Delhi, India. It is an academic health science research organization driven by a passion to promote and protect cardiovascular health in India and the world at large. CCDC undertakes clinical research in various domains of NCD.

For more information on activities at CCDC, visit

www.ccdcindia.org

ROTARY INTERNATIONAL (Strategic Partner)

Rotary International is an international service organization whose stated purpose is to bring together business and professional leaders in order to provide humanitarian services, encourage high ethical standards in all vocations, and to advance goodwill and peace around the world. It is a non-political and non-sectarian organization open to all people regardless of race, color, creed, religion, gender, or political preference. There are 34,282 member clubs worldwide, and 1.9 million individuals, known as Rotarians, have joined. The Rotarian's primary motto is "Service Above Self"; its secondary motto is "One profits most who serves best."

For more information on activities at Rotary International, visit

www.rotary.org

ROYAL COLLEGE OF PHYSICIANS, LONDON

The Royal College of Physicians is the oldest medical institution in England, celebrating 500 years of existence this year. It is a professional membership body which represents 354000 members and fellows across the globe. The RCP is an independent patient centred and clinically led organisation, that drives improvement in the diagnosis of disease, the care of individual patients and the health of the whole population both in the UK and across the globe through advocacy, education and research.

For more information visit

www.rcplondon.ac.uk

References

1. Prabhakaran Dorairaj, Panniyammakal Jeemon and Roy Ambuj. Cardiovascular Diseases in India. *Circulation*. 2016;133:1605-1620
2. Indian Council of Medical Research, Public Health Foundation of India, and Institute for Health Metrics and Evaluation. GBD India Compare Data Visualization. New Delhi: ICMR, PHFI, and IHME; 2017.
3. Global Health Estimates. Geneva: World Health Organization; 2012.
4. Global Burden of Stroke. The Atlas of Heart Disease and Stroke. World Health Organization.

COURSE OBJECTIVES

Primary Objective:

To enhance knowledge, skills and core competencies of primary care physicians to prevent and manage cardiovascular disease & stroke

Secondary Objectives:

- To develop/ update a standard teaching protocol and module for evidence based learning on CVD and Stroke
- To build a network of primary care physicians in the field of prevention and management of CVD and Stroke

COURSE ADMINISTRATION

The total duration of the course is: **twelve months (August 2018 - July 2019)** with once a month contact session, which will be conducted on designated weekends at 50 regional training centres, across India. The course has been endorsed by **Royal College of Physicians, London.**

Last Date of Enrolment: 15th July, 2018

Language of Instruction: English

COURSE FEES

For enrolment in the certificate program, the completed application form with a course fee of **INR 20,000/-** is to be submitted by either of the following two options:

- Demand Draft in favour of "**Public Health Foundation of India**" payable at **New Delhi**. The complete application form along with the DD and supporting documents to be send at **Program Secretariat - CCCS**
Public Health Foundation of India
Plot 47, Sector 44, Institutional Area, Gurugram - 122002, India
- Online Payment through NEFT:
Public Health Foundation of India
Bank Account: State Bank of India
Branch Address: SCO No.36, Sector-31, Gurgaon - 122002
Account Number: 35781511132
IFSC Code: SBIN0011569

Participants should submit their application form along with scanned copy of supporting documents {mentioned on the last page of application form} & NEFT reference number to: **cccs@phfi.org**

ELIGIBILITY CRITERIA

MD/ DNB (Medicine or Internal Medicine or Family Medicine)

or

MBBS with minimum 3 years of clinical experience

EVALUATION CRITERIA

Participant evaluation will be through continuous internal evaluation, course work and performance in written examination. The criteria for successful completion of the course shall be as follows:

- Participation in at least 10 out of 12 monthly contact sessions (Including the pre-test and post-test of each module)
- Completion of two descriptive assignments based on completed modules to be submitted during IV and VIII modules
- Appearance and clearance of final written examination in the form of MCQs in an hour, along with Module XII (Min. 50% score required to clear the examination)

The candidate completing the certificate course successfully as per the above mentioned criteria shall be awarded certificate, jointly issued by PHFI, WHF, ACC, PHRI, CCDC and respective Regional Faculty, endorsed by Royal College of Physicians, London.

TEACHING & TRAINING METHODOLOGY

The course will be offered on a module based pattern with judicious mix of case-studies, group discussion, activities and direct teaching by eminent experts in the field of cardiovascular disease & stroke, with inbuilt flexibility to accommodate participant's requirements.

Complete and comprehensive learning package including printed modules along with the pen drives will be provided to all participants by the organizers. The course content will be delivered by renowned cardiologists across India.

COURSE MODULES

I MODULE	Introduction, Epidemiology, and Risk Factors of Coronary Artery Disease and Stroke
II MODULE	CVD Risk Determinants–Evaluation and Management
III MODULE	CVD Risk Factors – Diagnosis, Evaluation and Management
IV MODULE	Screening/Diagnosis of Coronary Artery Disease & CVD in Women
V MODULE	ECG – Basics
VI MODULE	ECG – Arrhythmias and MI
VII MODULE	Evaluation and Management of Stable Angina and Peripheral Arterial Disease
VIII MODULE	Evaluation and Management of CAD : Acute Coronary Syndrome
IX MODULE	Evaluation and Management of Stroke
X MODULE	Evaluation and Management of Rheumatic Heart Disease
XI MODULE	Evaluation and Management of Heart Failure
XII MODULE	Take Home Messages and Exit Exam

50 REGIONAL TRAINING CENTERS ACROSS INDIA

Ahmedabad	Calicut	Guwahati	Kochi	Puducherry	Solapur	Varanasi
Amritsar	Chennai	Hyderabad	Kurnool	Pune	Surat	Vijayawada
Aurangabad	Coimbatore	Indore	Lucknow	Rajkot	Thane	Vizag
Bangalore	Delhi	Jaipur	Madurai	Ranchi	Trichy	
Bhopal	Durgapur	Jalandhar	Mumbai	Salem	Trivandrum	
Belgaum	Goa	Kanpur	Mysore	Shillong	Tuticorin	
Bhubaneswar	Gurugram	Kolkata	Nagpur	Siliguri	Udaipur	



Disclaimer: PHFI, WHF, ACC, PHRI & CCDC hereby declare that this jointly designed "Certificate Course in Cardiovascular Disease and Stroke" is not a recognized medical qualification, under section 11(1) of the Indian Council Act, 1956. PHFI, WHF, ACC, PHRI & CCDC offering this course hereby declare that they are not a medical college or a university and are not offering this course in accordance with the provisions of the Indian Medical Council Act/University Grants Commission Act. Kindly note that CCCS is not a degree or diploma but only a certificate course with the objective of training doctors in the prevention & management of cardiovascular disease and stroke. Successful participants are advised not to mention/call themselves as cardiologist anywhere after completion of this course or use suffix "CCCS".

Program Secretariat - CCCS
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