EECC 2022 Online exam
Candidate's Guide

Introduction

You have been registered by your National Society to take the European Exam in Core Cardiology (EECC)

This presentation will guide you through the different aspects of an online examination.

You can also refer to the EECC webpage: https://www.escardio.org/Education/Career-Development/European-Exam-in-Core-Cardiology-(EECC)

Exam date

The 2022 EECC will take place online with virtual proctoring **on 14 June 2022.**

Exam registration

Eligibility for the EECC is determined by individual National and Affiliated Cardiology Societies.

If you want to take the exam, you need to contact your National or Affiliated Cardiology Society to determine whether they are participating in the EECC and how you can register to the exam.

> Registration is strictly restricted to the candidates identified and registered by their National Cardiology Society and is not opened to individuals.

Exam time slot booking

Once registered by your National or Affiliated Cardiac Society, the ESC team will contact you with your registration details

Please read the "registration guide" carefully before you book your exam

IMPORTANT: If you don't register by the required date, you will be charged a late registration fee by our supplier. If you don't book your exam slot before the deadline, you will not be able to take the exam and your National or Affiliated Cardiac Society will be informed.

Exam preparation

The EECC is designed to test a wide range of cardiology knowledge aligned with the ESC core curriculum. There is no single source from which all questions are developed, and candidates are encouraged to read widely, including ESC guidelines, the ESC textbook and practice-changing clinical trials.

The ESC offers online preparatory modules to support candidates in their preparation for the EECC. Access is restricted to candidates who are registered by their National or Affiliated Cardiac Society.

Access to these modules will be granted from mid-April 2022.

Exam delivery - Candidates' experience
General overview

The EECC is delivered online by CYIM/ProctorU®. This provides you with the safety and convenience of an online platform, while retaining the integrity and quality of an on-site supervised exam.

To have a better understanding of what you will experience on the day, please have a look at this video.

https://youtu.be/6pCeHnNokmM

Equipment and exam room

To take this online examination, your computer equipment must meet the minimum technical requirements.

You must use:

- A Windows or MacOS personal computer on which you have the administrator rights - on the exam day you will be required to download the "LogMeIn Rescue" application.

- A personal, preferably wired, internet connection which will be stable, strong and secure

To take such exam, you must be:

- In a private and quite space

- In a well-lit room

Minimum technical requirements

TYPE	MINIMUM	RECOMMENDED
Chromebook Users	Chrome device is running the latest version of Chrome OS.	Chrome device is running the latest version of Chrome OS.
Internet Connection	Wifi Connection	Wired Connection
PC Users	Windows 8 (Windows 10 S mode is not supported)	Windows 10 (10 S mode is not supported)
Mac Users	macOS 10.13 (Oldest Still Maintained Version)	MacOS 10.15
CPU	more than 2 core CPU less than 85% CPU Usage	more than 4 core CPU less than 50% CPU Usage
Webcam	640x480 resolution	1280x720 resolution
Internet Download Speed	1 Mbps	12 Mbps
Internet Upload Speed	1 Mbps	3 Mbps
RAM	4 GB less than 90% Ram Usage	16 GB less than 70% Usage
Connectivity Ports	1935, 843, 80, 443, 61613, UDP/TCP	1935, 843, 80, 443, 61613, UDP/TCP
Screen Resolution	1366 x 768	1920 x 1080 and above

More information:
https://www.proctoru.com/live-plus-resource-center#system

Technical equipment checks

You must test the equipment you will use for the exam at least a week before the exam date.

If your equipment doesn't pass the test checks, you are required to contact ProctorU® to receive the appropriate technical support.

If you don't complete the technical checks in time, neither the ESC nor CYIM/ProctorU® will be responsible of any technical issues you may face during the exam.

In addition, please note that even if your equipment passes all these tests, there is always a risk that you may experience technical problems on the day of the exam. There are various ways something can change between the check and the exam such as computer updates, downloading new software, internet service provider issues.

Technical equipment checks
Candidates with specific equipment

- ## Candidates using MacOS computer

  If you are planning to take the exam with a MacOS computer, please read the following articles carefully:

    - Mac Settings Adjustments
    - Apple security measures

- ## UK candidates

  If you are a UK candidate and your Internet Service provider is 'TalkTalk', please read the following article.

Examination description and software

The exam consists of 120 questions in multiple-choice format with one single best answer for each question. Each correct answer receives one mark. There is no negative marking, and a wrong answer receives no marks. Questions may contain text only or have a combination of text only, data interpretation, still images or video clips.

The duration of the examination is 3 hours with no break.

The examination software includes a calculator, and normal ranges are available. You can review the examination software and its functionality in a [tutorial](#).

Online proctored exam rules

Upon registration for the EECC, you are accepting the Online proctoring Examination Terms & Conditions.

During the exam:

- An ID document with photo will be required for identification.

- No breaks are allowed. You must be in front of your camera at all times.

- Your exam space must be cleared of any unauthorized material: no pen, no paper and no books are allowed.

- You must follow proctor's instructions.

- Your entire exam will be recorded by ProctorU® and monitored by a human proctor. You are required to behave in an appropriate manner.

Online proctored exam rules

Suspicious actions are flagged in the online proctored system and will be reported to the ESC.

If the proctor detects any suspicious activity or movement, he/she may terminate your exam session at any time, your exam will be invalidated, and your fee will not be refunded.

Any irregularity in relation to the ESC Online proctoring Examinations policies and rules above, can lead to sanctions as described in the Online proctoring Examination Terms & Conditions.

Technical issues during the exam

If you experience a technical problem during the exam, notify the proctor immediately by speaking to him/her or via the chat.

If you get disconnected or lose your internet connection, you will automatically be reconnected. Once reconnected, the time lost will be added so that you are not disadvantaged.

If you are unable to reconnect or speak to the proctor, you can call ProctorU® for assistance. Technical and administrative support is available 24/7 by emailing support@proctoru.com, by visiting the help center or by calling the numbers on the ProctorU® contact us page.

> You must report any problems during the exam to the proctor and raise a formal incident at the end of the exam. You should also report any problems to your National Society and the ESC. Any issue reported at the time you receive your exam results will not be taken into account.

Exam rules

After the exam, each candidate's performance in the exam, and the statistics for each question are calculated and analysed by an independent psychometrician. This analysis is reviewed by the Chair of the Standard Setting Group. Any question which has not performed as expected, is reviewed by the Standard Setting group. They may decide to recommend excluding some questions from the final calculations. The Chair of the Standard Setting group makes recommendations on the exclusion of questions and the exam pass mark to the EECC Board. These proposals are reviewed at an EECC Board meeting which takes place few weeks after the exam, and a final pass mark is determined.

Once approved by the EECC Board, results are sent to National and Affiliated Cardiac Societies who are responsible for releasing them to their candidates.

Under no circumstances will the ESC communicate results directly to candidates.