

## **The Society of Clinical Perfusion Scientists of Great Britain and Ireland**

### **EDUCATION RULES**

#### **Section 1**

#### **EXAMINATION FOR THE CERTIFICATE OF ACCREDITATION IN BASIC CLINICAL PERFUSION SCIENCES**

The purpose of this examination is to provide a method of evaluating the standards of practical competence and theoretical knowledge attained by the trainee clinical perfusion scientist. The award of the Certificate of Accreditation will provide the clinical perfusion scientist and employers with proof of what the Society of Clinical Perfusion Scientists of Great Britain and Ireland and the College of Clinical Perfusion Scientists of Great Britain and Ireland regard as the basic standard required for the safe application of perfusion techniques to patients undergoing cardiac or cardiovascular therapy. On the initial award of accreditation, the candidate will be eligible for registration by The College of Clinical Perfusion Scientists of Great Britain and Ireland.

#### **Trainees**

To be eligible for entrance to the Society's examination the applicant must satisfy the following criteria:–

1. Applications for the Society's exam will only be accepted from trainees registered with the Society of Clinical Perfusion Scientists of Great Britain and Ireland from the start of their training.
2. Applications for the Society's exam will only be accepted from trainees registered with the College of Clinical Perfusion Scientists of Great Britain and Ireland from the start of their training.
3. The candidate must be currently studying the co-terminus MSc Perfusion Science course as validated by the Society of Clinical Perfusion Scientists of Great Britain and Ireland.
4. The candidate CANNOT apply for the practical examination until attendance of the taught components of the MSc has been completed in full. No applications are to be received before the 1<sup>st</sup> March of the 2nd year of the MSc Perfusion Science.
5. The candidate can only apply for the practical examination once the minimum of 150 supervised clinical cardiopulmonary bypass procedures have been performed, each case having been recorded in the official log book and signed off by the supervisor.

#### **Application For Examination**

The following must be submitted to:

The Administrator  
The Society of Clinical Perfusion Scientists of GB and Ireland  
at The Royal College of Surgeons  
Lincoln's Inn Fields  
London  
WC2A 3PE.  
E-mail: [admin@scps.org.uk](mailto:admin@scps.org.uk)

- (a) A completed application form for the Society's examination.

- (b) Confirmation of course fees (including bench fee) having been paid to Bristol University by the student's employing Trust.
- (c) Two copies of the department's protocol, including emergency procedures.
- (d) Proof of completed attendance of the MSc Perfusion Science.
- (e) The official log book showing 150 supervised perfusions, endorsed by Head of Department.

## The Examination

### **The Arrangements for the Examination**

The placement of Examiners will be coordinated by the Chair of the Education and Training sub-committee, or their nominated representative. The examination will be deemed invalid if this procedure is not strictly adhered to.

The examination has two components:

#### **1. PRACTICAL EXAMINATION**

The candidate will be observed by two examiners for the duration of a cardiopulmonary bypass procedure and will be assessed according to their departmental protocol.

#### **2. THE VIVA VOCE EXAMINATION**

During the viva voce examination, the candidate will be questioned on four main topic areas relevant to the procedure on which he/she has been examined; each topic area may also lead to secondary questioning. The viva voce examination will immediately follow the successful completion of the practical examination.

The practical examination forms part of the Clinical Perfusion module of the MSc Perfusion Science and the student will be informed of the outcome of the practical examination on the day of examination.

On completion of the practical and viva voce components of the examination the candidate shall be assessed and classed as having passed or failed. On completion of the practical and viva voce components of the examination the candidate shall be assessed, and the marking forms returned to the Society of Clinical Perfusion Scientists of Great Britain and Ireland via the administrator.

On completion of MSc Perfusion Science, successful candidates will be deemed to be accredited by the Society of Clinical Perfusion Scientists of Great Britain and Ireland with effect from the date of notification. However, candidates must be registered as a Clinical Perfusion Scientist by the College of Clinical Perfusion Scientists of Great Britain and Ireland, before undertaking any unsupervised procedures.

## Unsuccessful Examinee

1. If the candidate fails either the Practical or Viva voce examinations, he/she fails that module and must re-sit both parts.
2. Candidates can apply for one practical re-sit per application.
3. One re-sit is permitted per application; thereafter a full re-application will apply.

## Appeal Procedure

A Candidate who believes that he/she has a grievance with reference to the examination has the right of appeal. An Appeal should be made in writing to the College of Clinical Perfusion Scientists no later than 28 days following the unsuccessful exam. Appeals should be sent to:

The Administrator of the College of Clinical Perfusion Scientists  
The College of Clinical Perfusion Scientists of Great Britain & Ireland  
at The Royal College of Surgeons of England  
38–43 Lincoln's Inn Fields  
London WC2A 3PE

Tel: (+44) 020 7869 6891  
E-mail: [admin@scps.org.uk](mailto:admin@scps.org.uk)

Grounds for the appeal should be clearly stated.

The appeal will be thoroughly investigated by The College of Clinical Perfusion Scientists of Great Britain and Ireland and the candidate informed of the outcome at the earliest instance.

Copies of the appeal procedure can be obtained from the College.

#### Award of the Certificate of Accreditation

The certificate of accreditation will only be awarded if:

- The candidate successfully completes the MSc Perfusion Science as validated by the Society of Clinical Perfusion Scientists of Great Britain and Ireland;
- The candidate successfully completes the practical and viva voce examinations;
- The candidate has been employed as a trainee clinical perfusion scientist in Great Britain or Ireland and registered with the College of Clinical Perfusion Scientists and a member of the Society of Clinical Perfusion Scientists for a minimum of two years.

This certificate will be signed by the President and Chairman of the Society of Clinical Perfusion Scientists of Great Britain and Ireland, and the President and Secretary of the College of Clinical Perfusion Scientists of Great Britain and Ireland.

#### Limited Registration

Limited registrants must undertake the PG Certificate Perfusion Science course. This course is a 70-credit programme run with the MSc Perfusion Science course students with a September start (only) each year. The 70 credits achieved in the PG Certificate can be used as recognised prior certified learning should students wish to continue onto the MSc.

There will be a cross over period where both the old College Limited Registrant route and the new PG Cert Limited Registrant route (beginning September 2021) will be available, however, this will only be until the end of 2021.

Please refer to the College documents 'Registration' and 'Re-registration' for further details on Limited Registration, including the minimum number of supervised clinical cardiopulmonary bypass procedures required.

To be eligible for entrance to the Society's examination the limited registrant applicant must satisfy the following criteria: –

1. Applications for the Society's exam will only be accepted from limited registrants registered with the Society of Clinical Perfusion Scientists of Great Britain and Ireland.
2. Applications for the Society's exam will only be accepted from limited registrants registered with the College of Clinical Perfusion Scientists of Great Britain and Ireland.
3. The candidate must be currently studying the Post Graduate Certificate (PGCert) Perfusion Science course as validated by the Society of Clinical Perfusion Scientists of Great Britain and Ireland.
4. The candidate CANNOT apply for the practical examination until attendance of the taught components of the PGCert have been completed in full.
5. The candidate can only apply for the practical examination once the minimum number of clinical cardiopulmonary bypass procedures have been performed, each case having been recorded in the official log book (please refer to College documents for case number requirements).

### Application For Examination

The following must be submitted to:

The Administrator  
The Society of Clinical Perfusion Scientists of GB and Ireland  
at The Royal College of Surgeons  
Lincoln's Inn Fields  
London  
WC2A 3PE.  
E-mail: admin@scps.org.uk

- (a) A completed application form for the Society's examination.
- (b) Confirmation of course fees (including bench fee) having been paid to Bristol University by the student's employing Trust.
- (c) Two copies of the department's protocol, including emergency procedures.
- (d) Proof of completed attendance of the PGCert Perfusion Science course.
- (e) The official log book showing required number of supervised perfusions, endorsed by Head of Department.

### The Examination

#### **The Arrangements for the Examination**

The placement of Examiners will be coordinated by the Chair of the Education and Training sub-committee, or their nominated representative. The examination will be deemed invalid if this procedure is not strictly adhered to.

The examination has two components:

#### **1. PRACTICAL EXAMINATION**

The candidate will be observed by two examiners for the duration of a cardiopulmonary bypass procedure and will be assessed according to their departmental protocol.

#### **2. THE VIVA VOCE EXAMINATION**

During the viva voce examination, the candidate will be questioned on four main topic areas relevant to the procedure on which he/she has been examined; each topic area may also lead to secondary questioning. The viva voce examination will immediately follow the successful completion of the practical examination.

The practical examination forms part of the Clinical Perfusion module of the PGCert Perfusion Science course and the student will be informed of the outcome of the practical examination on the day of examination.

On completion of the practical and viva voce components of the examination the candidate shall be assessed and classed as having passed or failed. On completion of the practical and viva voce components of the examination the candidate shall be assessed, and the marking forms returned to the Society of Clinical Perfusion Scientists of Great Britain and Ireland via the administrator.

On completion of PGCert Perfusion Science, successful candidates will be deemed to be accredited by the Society of Clinical Perfusion Scientists of Great Britain and Ireland with effect from the date of notification. However, candidates must be registered as a Clinical Perfusion Scientist by the College of Clinical Perfusion Scientists of Great Britain and Ireland, before undertaking any unsupervised procedures.

#### Unsuccessful Examinee

1. If the candidate fails either the Practical or Viva voce examinations, he/she fails that module and must re-sit both parts.
2. Candidates can apply for one practical re-sit per application.
3. One re-sit is permitted per application; thereafter a full re-application will apply.

#### Appeal Procedure

A Candidate who believes that he/she has a grievance with reference to the examination has the right of appeal. An Appeal should be made in writing to the College of Clinical Perfusion Scientists no later than 28 days following the unsuccessful exam. Appeals should be sent to:

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Grounds for the appeal should be clearly stated.

The appeal will be thoroughly investigated by The College of Clinical Perfusion Scientists of Great Britain and Ireland and the candidate informed of the outcome at the earliest instance.

Copies of the appeal procedure can be obtained from the College.

#### Award of the Certificate of Accreditation

The certificate of accreditation will only be awarded if:

- The candidate successfully completes the PGCert Perfusion Science as validated by the Society of Clinical Perfusion Scientists of Great Britain and Ireland;
- The candidate successfully completes the practical and viva voce examinations;
- The candidate has been employed as a limited registrant clinical perfusion scientist in Great Britain or Ireland and registered with the Society of Clinical Perfusion Scientists and College of Clinical Perfusion Scientists for the duration of the PGCert Perfusion Science course

This certificate will be signed by the President and Chairman of the Society of Clinical Perfusion Scientists of Great Britain and Ireland, and the President and Secretary of the College of Clinical Perfusion Scientists of Great Britain and Ireland.

## Section 2

### AWARD OF THE ADVANCED CERTIFICATE

Accredited perfusionists, registered with The College of Clinical Perfusion Scientists of Great Britain and Ireland, can apply for the Advanced Certificate of The Society of Clinical Perfusion Scientists of Great Britain and Ireland through one of the following routes:

Until the end of the academic year 2022 the criteria for the awarding of the Advanced Certificate will be:

- Minimum of 5 years' post-basic accreditation experience

and

- i) MSc in Clinical Perfusion Science

or

- ii) Other MSc / MBA which on application demonstrates relevance to perfusion and / or their work.

or

- iii) Primary author of two relevant peer-reviewed papers.

All applications must be in writing to the administrator of the Society no later than 1<sup>st</sup> August.

From the start of the academic year 2023 the criteria for the awarding of the Advanced Certificate will change to:

Accredited perfusionists, registered with The College of Clinical Perfusion Scientists of Great Britain and Ireland, can apply for the Advanced Certificate of The Society of Clinical Perfusion Scientists of Great Britain and Ireland through one of the following routes:

- Minimum of 5 years' post-basic accreditation experience

and

- i) A higher than MSc level qualification (e.g. PhD/MPhil) which on application demonstrates relevance to perfusion and / or their work.

or

- ii) Primary author of two relevant peer-reviewed papers.

All applications must be in writing to the administrator of the Society no later than 1<sup>st</sup> August.

### **Section 3**

#### **QUALIFICATION OF EXAMINERS FOR THE ACCREDITATION PRACTICAL EXAMINATION**

Accredited perfusionists, registered with The College of Clinical Perfusion Scientists of Great Britain and Ireland and who are members of The Society of Clinical Perfusion Scientists of Great Britain and Ireland, are eligible to become an examiner of The Society of Clinical Perfusion Scientists of Great Britain and Ireland via the following route:

1. 8 years' post-registration experience,
2. Successful attendance of an Examiner Workshop,
3. Two practical examinations with an experienced examiner.

An examiner must perform no less than one exam over a two year period. If they fail to do so they will drop off the Examiner Register and must attend the Examiner workshop again before taking part in another exam.