



# **The European Board of Cardiovascular Perfusion**

CHAIRMAN: Prof. Dr. Dietrich Birnbaum

## **AMENDED REQUIREMENTS FOR RECERTIFICATION AS OF JANUARY 2004**

The aims of the EBCP recertification programme are to ensure that all clinical perfusionists holding the ECCP are firstly employed as clinical perfusionists, secondly performing a minimum number of extracorporeal circulations (ECC) per year, and thirdly striving to learn and remain informed about clinical and scientific developments in the perfusion profession.

The requirements for recertification have been amended as of January 2004 to bring the EBCP recertification in line with already existing European (and overseas) recertification programmes. The minimum amounts of points to be achieved in the clinical part have been reduced from 100 to 40 points per year (see more detailed information in the following paragraphs). The minimum amount of points per year in postgraduate education remains the same, i. e. 40 points per year. Recertification points can now also be gained through being a moderator/chairperson at a conference or seminar, the in-house postgraduate education activities have been more clearly defined and a list of recognised international conferences has been drawn up. The EBCP feels that the requirements for recertification are not above the normal experience level of any practising perfusionist.

All perfusionists who hold the European Certificate in Cardiovascular Perfusion (ECCP) are obliged to recertify in 3-yearly intervals. The interval of recertification corresponds to the calendar year, i.e. January to December. Those perfusionist who recertified in Sept. 2002, for instance, will need to submit documentation of their clinical activity and postgraduate education (recertification forms I to IV) to their national EBCP delegate in Dec. 2005. Recertification, however, takes place every year, depending on the individual perfusionist`s date of acquiring the ECCP.

Upon successful completion of the recertification process, each perfusionist will receive an EBCP recertification card, containing name, ECCP number, period of recertification duration and date of next recertification deadline. The card may be kept by the perfusionist as proof for employers of the current status of certification. A new card will be issued for each new period of recertification.

The fee for recertification, valid for three years, is 48 Euro. Payment is possible by credit card or cheque. Alternatively, the national delegate or national society can organise to pool payments, this allows the possibility of electronic bank transfers.

Also new as of January 2004 is a certification registry on the EBCP homepage listing all ECCP holders whose certificates are currently valid, either through recent EBCP examination or recertification. (Perfusionists who do not wish their names to appear on this list should tick the box provided on recertification form I.). This certification registry is accessible to the general European public who has a legitimate right to know if perfusionists holding the ECCP keep themselves professionally updated with respect to knowledge and continued practical experience. Furthermore, employing hospitals that assume the special duties of facilitating post-graduate employee education and maintaining quality improvement of medical practice under ISO 9000 standards have privileged access to EBCP confirmation of the validity of their employees European Certificates.

Employment requirements:

Employment as clinical perfusionist has to be confirmed by signature and stamp by the hospital personnel department. In case of unemployment as clinical perfusionist:

At the time of re-certification and up to 18 months: Provisional recertification will be granted for one year while the perfusionist will be required to undertake a supervised 6 month re-introduction into perfusion at the institution of employment and submit documentation of 30 ECC in the EBCP Logbook completed at a satisfactory score and verified by the chief perfusionist.

Beyond 18 months and up to 4 years: The perfusionist must undertake a supervised 6 month re-introduction into perfusion, submit documentation of 30 ECC in the EBCP Logbook completed at a satisfactory score with verification of the chief perfusionist as well as successfully complete the EBCP written examination.

More than 4 years: The perfusionist must go through a carefully supervised 6 month re-introduction into perfusion, the entire examination process must be taken, including the written, practical and oral examination and completion of the EBCP Logbook documenting 100 perfusion cases completed at a satisfactory score with verification of the chief perfusionist.

#### Clinical Activity:

A minimum of 40 points per year is required, 30 points of which have to be ECC in cardiac surgery. Should a perfusionist not perform more than the minimum required 30 ECC, an additional 10 points can be gained as outlined in the following table. It is, of course, possible to achieve the minimum required recertification points by submitting documentation of 40 ECC, without other clinical activities. Clinical activity is to be documented on recertification form Ia, alternatively a printout of the perfusion database containing date, procedure and perfusionist (note: no patient data!) is also permissible. Verification is through signature by the head perfusionist or medical director.

ECC in cardiac surgery (minimum 30 pts/year)	1 point/case
A total of 10 pts can be claimed for the following activities :	
Supervised perfusion cases	1 point/case
ECC in oncology	1 point/case
ECC in neurosurgery	1 point/case
ECMO/VAD:	1 point/case/perfusionist involved
Standby ECC in OPCAB	½ point/case
ECC in research	½ point/case

#### Post-graduate perfusion education:

A minimum of 40 points per year is required and to be documented. Each activity should be listed using forms II and III and accompanied with evidence such as proof of seminar/conference attendance slip or conference registration receipt; copy of published paper or abstract with date and name of publication; signature of chief perfusionist for in-house presentations and courses. Recertification points are awarded as follows:

#### Passive attendance

- a. In-house congress, seminar or workshop 1 point
- b. National congress, seminar or workshop 4 points
- c. International congress, seminar or workshop 8 points

#### Active attendance

- d. In-house presentation, seminar, workshop 2 points
- e. National presentation, seminar or workshop 3 points
- f. Moderator at national congress 3 points
- g. International presentation, seminar or workshop 5 points
- h. Moderator at international congress 5 points

#### Publications

- i. Published abstracts 1 point
- j. Journal without editorial policy 4 points
- k. Journal with editorial policy 8 points

20 points per year for self-study are awarded without documentation. This activity is recognised by the EBCP as being accomplished by every serious perfusionist and will not require proof.

Presentation at a congress enables the perfusionist to claim points for both active and passive participation.

The list of in-house activities through which points can be obtained has now been more clearly defined by the EBCP in recognition of the many professional activities performed by the perfusionist which do not come under the original passive and active headings and which contribute to perfusion education. These are to be documented on form II.

In-house: Personal postgraduate learning activities

Consultation with peers on specific case problems	passive /1 pt
Small group discussions, Mortality & Morbidity conferences	passive /1 pt
Journal club	passive /1 pt, active/2 pts
Development and review of quality assessment data	passive /1 pt
Use of electronic data-bases in patient care	passive/1 pt/documentation of 10 cases

Note: does not apply to routine day to day documentation of ECC data

Self-assessment activities (periodic crash training)	passive/1 pt
Teaching health care professionals	active/2 pts per lecture
Medical writing (translations, work not recognised in research authorship)	active/2 pts
Teleconferences, not designed as formal postgraduate activity	passive/1 pt
Use of enduring materials*	passive/1 pt

\*The EBCP defines enduring materials as printed, recorded or computer-assisted instructional materials, which may be used over time at various locations and which, in themselves, constitute a planned activity of continuing medical education. Examples of such materials for independent learning by perfusionists include: programmed texts, audio tapes, videotapes, Internet CME, and other computer-assisted instructional materials which are used alone or in combination with written materials. Not included are « reference materials » such as books, journals or manuals, these are included in the 20 points which may be claimed for self-study.

### ***National & International Congresses***

In order to decrease the confusion of the definition of national and international congress, the EBCP has compiled a list of those congresses that it determines to be international. National societies that wish to upgrade their congress may apply to the EBCP by using the application forms obtainable from the EBCP homepage.

#### **INTERNATIONAL CONGRESSES**

AACP	American Academy of Cardiovascular Perfusion
AATS	American Academy of Thoracic Surgeons
AHA	American Heart Association
AMSECT	American Society of Extra-Corporeal Technology
ASAIO	American Society of Artificial Organs
BelSECT	BelSECT- Symposium
EACTA	European Association of Cardiothoracic Anaesthesiologists
EACTS	European Association of Cardiothoracic Surgeons
EBCP	European Board of Cardiovascular Perfusion
ESAO	European Society of Artificial Organs
ESCS	European Society for Cardiovascular Surgery
FECECT	Foundation European Circulation Extra-Corporeal Tech.
ISAO	International Society of Artificial Organs
ISCTS	International Society of Cardiothoracic Surgeons
SCA	Society of Cardiovascular Anaesthesiologists
STS	Society Thoracic Surgeons
Hammersmith Workshop	
Mechanisms of Perfusion	

Note: Local and national non-English congresses, seminars, courses and workshops as well as non-English publications must be verified by the national delegate or national perfusion society. The EBCP will verify international activities and English publications. The perfusionist's supervisor will verify "teaching" assignments.

Failure to re-certify:

In order to obtain re-certification, the perfusionist who fails to submit re-certification documentation by the deadline must submit the required documents covering the previous three years as well as for the lapsed time since the deadline. The perfusionist will receive re-certification only for the remaining time of the original three-year recertification period, e.g., one-year over-due, the remaining two years of the three year period. The fee for the lapsed period will also have to be paid.

If you have any questions regarding what is required, please contact your national delegate in the first instance. If further assistance is required, please write to the Secretary of the Certification Sub-committee:

*Renate Behr*  
 Department Cardiovascular Surgery  
 Cardiovascular Perfusion  
 City Hospital Triemli Zürich  
 Birmensdorferstrasse 497  
 8063 Zürich / Switzerland

Email: r.behr@gmx.ch

<b>Method of direct payment to the EBCP</b>		
<input type="checkbox"/> Check drawn on a UK bank for 48 Euro payable to the European Board of Cardiovascular Perfusion (enclosed). Postal money orders and electronic bank transfers can unfortunately not not accepted by the EBCP.		
<b>Credit Card:</b>	<input type="checkbox"/> MasterCard/Eurocard	<input type="checkbox"/> Visa
	Credit Card No. (Must be 16 digits!):	_____
	Name as printed on Creditcard :	_____
	Expiration Date:	_____
Date: _____ Signature: _____		
All credit card information contained in this form will be kept confidential to the European Board of Cardiovascular Perfusion and destroyed after payment has been received.		

**EBCP RECERTIFICATION****Form I**

Recertification Period:

January 200\_ to December 200\_

**PLEASE PRINT CLEARLY IN BLACK INK OR TYPE**

First name (s): \_\_\_\_\_ Last name (s): \_\_\_\_\_

Home address:

Street: \_\_\_\_\_

Postal/City: \_\_\_\_\_ Country: \_\_\_\_\_

Tel: \_\_\_\_\_ E-mail: \_\_\_\_\_

Fax: \_\_\_\_\_

Business address:

Hospital: \_\_\_\_\_

Department: \_\_\_\_\_

Street: \_\_\_\_\_

Postal/City: \_\_\_\_\_ Country: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Signature of Perfusionist: \_\_\_\_\_ Date \_\_\_\_\_

**Conditions of Employment: (you must be currently employed as a perfusionist)**

Months employed in the last three years: \_\_\_\_\_

Currently employed at the hospital listed above: yes no (if "no", please explain on reverse side)

Name of Employer: \_\_\_\_\_

Signature and stamp of Personnel Officer/Manager: \_\_\_\_\_

**I do not agree to have my name on an yearly-updated list of ECCP-holders on the EBCP homepage.**

**EBCP RECERTIFICATION****Form Ia****Clinical Activity**

Recertification Period:

January 200\_ to December 200\_

	<b>Date</b>	<b>Procedure</b>	<b>Perfusionist</b>	<b>Points</b>
<b>1</b>				
<b>2</b>				
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<b>40</b>				

**POSTGRADUATE PERFUSION EDUCATION**

**Form II**

Congress/seminar/course/in-house education attendance

Recertification Period: January 200\_ to December 200\_

Date: \_\_\_\_\_ Location: \_\_\_\_\_

**Name of (Congress, Seminar, Course):**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Organizing Institution: \_\_\_\_\_

Signature Head Perfusionist or Medical Director: \_\_\_\_\_

For non-English **Congress, Seminar, Course** verification of National Delegate/Society:

Signature of Secretary and Stamp: \_\_\_\_\_

Date: \_\_\_\_\_ Location: \_\_\_\_\_

**Name of (Congress, Seminar, Course):**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Organizing Institution: \_\_\_\_\_

Signature Head Perfusionist or Medical Director: \_\_\_\_\_

For non-English **Congress, Seminar, Course** verification of National Delegate/Society:

Signature of Secretary and Stamp: \_\_\_\_\_

Date: \_\_\_\_\_ Location: \_\_\_\_\_

**Name of (Congress, Seminar, Course):**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Organizing Institution: \_\_\_\_\_

Signature Head Perfusionist or Medical Director: \_\_\_\_\_

For non-English **Congress, Seminar, Course** verification of National Delegate/Society:

Signature of Secretary and Stamp: \_\_\_\_\_

Date: \_\_\_\_\_ Location: \_\_\_\_\_

**Name of (Congress, Seminar, Course):**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Organizing Institution: \_\_\_\_\_

Signature Head Perfusionist or Medical Director: \_\_\_\_\_

For non-English **Congress, Seminar, Course** verification of National Delegate/Society:

Signature of Secretary and Stamp: \_\_\_\_\_

**POSTGRADUATE PERFUSION EDUCATION**

**Form III**

Presentations and written publications

Recertification Period:

January 200\_ to December 200\_

**Journal title, date, volume, page of publication / or name, place and date of presentation:**

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Please attach copy of published abstract or article as it appeared.

For non-English language publications verification of National Delegate/Society:

(Signature of Secretary and stamp)

**Journal title, date, volume, page of publication / or name, place and date of presentation:**

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Please attach copy of published abstract or article as it appeared.

For non-English language publications verification of National Delegate/Society:

(Signature of Secretary and stamp)

**Journal title, date, volume, page of publication / or name, place and date of presentation:**

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Please attach copy of published abstract or article as it appeared.

For non-English language publications verification of National Delegate/Society:

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**Journal title, date, volume, page of publication / or name, place and date of presentation:**

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Please attach copy of published abstract or article as it appeared.

For non-English language publications verification of National Delegate/Society:

(Signature of Secretary and stamp)

**EBCP RECERTIFICATION****Form IV**

Period of Recertification:

January 200\_ to December 200\_

<b>CLINICAL ACTIVITIES:</b>	<b>200_</b>	<b>200_</b>	<b>200_</b>
ECC in cardiac surgery (1 point /case)			
<b>Total of 10 p can be collected by following activities :</b>			
Supervised ECC (1 point /case)			
ECC in oncology (1 point /case)			
ECC in neurosurgery (1 point /case)			
ECMO/VAD (one point/case/perfusionist involved)			
Standby ECC for OPCAB (½ point /case)			
ECC in research (½ point /case)			
<b>Total (minimum 40 pts/year )</b>			

<b>POSTGRADUATE PERFUSION EDUCATION :</b>	<b>200_</b>	<b>200_</b>	<b>200_</b>
<b>Passive attendance</b>			
a. In house congress, seminar, or workshop (1 point)			
b. National congress, seminar, or workshop (4 points)			
c. International congress, seminar, or workshop (8 points)			
<b>Active attendance</b>			
d. In house presentation, seminar, or workshop (2 points)			
e. National presentation, seminar, or workshop (3 points)			
f. Moderator at national congress (3 points)			
g. International presentation, seminar, or workshop (5 points)			
h. Moderator at international congress (5 points)			
<b>Publications</b>			
i. Published abstracts (1 points)			
j. Journal without editorial policy (4 points)			
k. Journal with editorial policy (8 points)			
<b>In-house Postgraduate learning activities</b> as documented on form II ( totals)			
<b>Self-Study:</b> 20 pts can be claimed without submitting evidence			
<b>Total (min. 40 pts/year)</b>			

I certify that all entries for the **EBCP Re-certification documentation** have been reviewed and verified as being accurate:

Name of Chief Perfusionist or Department Supervisor: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_