



Requirements for CSCQ participation

Every laboratory involved in medical analysis as well as all members of medical or paramedical professions can become members of the CSCQ.

Within the limits of regulations each member is free to choose the analyses he would like to submit to an external quality control. The same is valid for frequency.

Each member is regularly informed about changes in the requirements, as well as changes in the regulations concerning this domain. Participation is valid as soon as the CSCQ has received the registration, which can be done by mail, email, fax or phone. Registration is confirmed by mailing the member's handbook to the participant.

Registration

The member informs the CSCQ about the methods, standards, reagents and instruments he uses. The assessments take into consideration all these elements, which can be modified by the laboratory at all times. If the laboratory make changes in his analytical methods, he must inform the CSCQ.

The member can give back his results in a standard paper form or electronically. Electronic data capture is not only free of charge but also results in significant cost savings and easy archiving of records.

Fees and prices are indicated in the enclosure "Prices". The CSCQ accounting period starts on January 1st and ends on December 31st of each year. The invoice takes into account all the analyses and survey programs for which the member is registered.

Registration and invoice are done for the whole year. Nevertheless, a registration can be done within the year and is valid for the rest of the year. The corresponding invoice is established "pro rata temporis". Any credits are deducted from the subsequent invoice.

Registration is renewed tacitly from year to year. The member can cancel his registration for the next exercise by registered mail, at the latest on August 31st of the running year.

General rules

The CSCQ grants his members complete anonymity for their own and group results. He commits itself not to disclose these results to anyone.

Upon order of the QUALAB, control of participation in external quality control assessments (EQA) can be asked directly to the CSCQ by the competent corporate societies (FMH, FAMH, H⁺ pharmaSuisse, etc.).

Upon decision of the QUALAB, the CSCQ had to introduce in its statutes the following article:

" In case of obvious fraudulent conversion of quality control results, the Director must inform the Swiss Authorities responsible for its application (QUALAB), as well as the Swiss corporate societies concerned (in particular: FMH for private practice, FAMH for private laboratories, SSPh for pharmacists)". Members are not allowed to disclose or publish the overall results edited by the CSCQ (statistical analyses, graphs, etc.) without written authorisation of the CSCQ.

The handbook describes how the surveys are organised and gives information on how to proceed with the analyses and how the external quality assessments are performed

Corporate societies (FMH, FAMH) and scientific societies (SSCC, SSH, SSM, SSAI, etc.) have named delegates to constitute the Committee of the CSCQ. They are listed in the appendix "Committee Members".

These delegates are consulted in the choice of the programmes proposed in their domain.

All documents edited by the CSCQ are available either in German, French or Italian.

**Accredited programmes are mentioned in the specific programme description leaflet
Registration Form to CSCQ and Identification of Analyses to be submitted to EQA
Send back to CSCQ, 2 chemin du Petit Bel-Air, 1225 Chêne-Bourg. Fax 022 305 52 38**

Name:

Address:

Zip Code and City: Phone.: Fax:

GLN (EAN) No: RCC No :

Private practice Private Lab Hospital type A type B type C Others:

Email:

Invoice address (if different):

Language: English French Italian German

Date of lab opening:

Up to now, participation in EQA with the institute:

I would like to use Internet to transmit my results and consult my reports (EQAcom): yes no

Date: Signature:

- ◆ Participation is valid as soon as the CSCQ has received registration, which can be done by mail, email, fax or phone. Registration is confirmed by assigning a lab identification No and mailing the member's handbook to the member.
- ◆ Analyses which are mandatory submitted to EQA as per QUALAB are marked with *.
- ☛ Tic the parameter you would like to submit to EQA and indicate method and instrument used.

Chemistry	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> 12 times per year	
<input type="checkbox"/> ALAT (GPT) <input type="checkbox"/> Chloride <input type="checkbox"/> IgG <input type="checkbox"/> Protein total	
<input type="checkbox"/> γ-Glutamyltransferase <input type="checkbox"/> Cholesterol total <input type="checkbox"/> IgM <input type="checkbox"/> Sodium	
<input type="checkbox"/> Albumin <input type="checkbox"/> Cholesterol HDL <input type="checkbox"/> Iron <input type="checkbox"/> Transferrine	
<input type="checkbox"/> Ammonium <input type="checkbox"/> Cholesterol LDL <input type="checkbox"/> LDH <input type="checkbox"/> Triglycerides	
<input type="checkbox"/> Amylase pancreas spec <input type="checkbox"/> Cholinesterase <input type="checkbox"/> Leucine-aminopeptidase <input type="checkbox"/> Urate (uric acid)	
<input type="checkbox"/> Amylase total <input type="checkbox"/> CK total, catalytic activity <input type="checkbox"/> Lipase <input type="checkbox"/> Urea	
<input type="checkbox"/> ASAT (GOT) <input type="checkbox"/> CK, fraction MB <input type="checkbox"/> Lithium	
<input type="checkbox"/> Bicarbonates <input type="checkbox"/> Creatinine <input type="checkbox"/> Magnesium total	
<input type="checkbox"/> Bilirubin total <input type="checkbox"/> Fructosamine <input type="checkbox"/> Phosphatase alkaline	
<input type="checkbox"/> Bilirubin conjugated <input type="checkbox"/> Glucose <input type="checkbox"/> Phosphates inorganic	
<input type="checkbox"/> Calcium total <input type="checkbox"/> IgA <input type="checkbox"/> Potassium	
Bilirubin of the new born	Method/instrument:
<input type="checkbox"/> * Bilirubin total NN <input type="checkbox"/> Bilirubin conjugated NN <input type="checkbox"/> Bilirubin non conjugated NN <input type="checkbox"/> * Bilirubin tot. NN (bilirubinometer)	
* Glucose (POCT, Point of care testing)	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> 12 times per year	
* CRP conventional	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> 12 times per year	
* CRP for NycoCard®	<input type="checkbox"/> Visual <input type="checkbox"/> Instrument
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> 12 times per year	
* CRP for Quickread®	
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> 12 times per year	
<input type="checkbox"/> C Reactive Protein 12 µl <input type="checkbox"/> C Reactive Protein 20 µl	
* Glycohaemoglobin	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year	
<input type="checkbox"/> Glycohaemoglobin <input type="checkbox"/> unit in % <input type="checkbox"/> unit in mmol / mol	
Spinal fluid	Method/instrument:
<input type="checkbox"/> Glucose <input type="checkbox"/> Immunoglobulin A <input type="checkbox"/> Protein Electrophoresis, pre-albumin <input type="checkbox"/> Protein Electrophoresis, beta	
<input type="checkbox"/> Chloride <input type="checkbox"/> Immunoglobulin G <input type="checkbox"/> Protein Electrophoresis, albumin <input type="checkbox"/> Protein Electrophoresis, gamma	
<input type="checkbox"/> Sodium <input type="checkbox"/> Immunoglobulin M <input type="checkbox"/> Protein Electrophoresis, globulin	
<input type="checkbox"/> Lactate <input type="checkbox"/> Protein total <input type="checkbox"/> Protein Electrophoresis, alpha 1	
<input type="checkbox"/> Lactate- dehydrogenase <input type="checkbox"/> Albumin <input type="checkbox"/> Protein Electrophoresis, alpha 2	

Immunology	Method/instrument:
<input type="checkbox"/> IgE multispecific <input type="checkbox"/> IgE total qn <input type="checkbox"/> IgE specific (Nuts, Birch, Cat epithelium) <input type="checkbox"/> *IgA <input type="checkbox"/> *IgG <input type="checkbox"/> *IgM	
* Immunology: UK-NEQAS Immunology and Leukocytes Immunophenotyping	See specific program description
Blood gas	Method/instrument:
<input type="checkbox"/> Bicarbonates <input type="checkbox"/> Base excess <input type="checkbox"/> Magnesium ion <input type="checkbox"/> * pO ₂ <input type="checkbox"/> Calcium ion <input type="checkbox"/> * Glucose <input type="checkbox"/> Methaemoglobin <input type="checkbox"/> * Potassium <input type="checkbox"/> Carboxyhaemoglobin <input type="checkbox"/> Haematocrit <input type="checkbox"/> Oxyhaemoglobin <input type="checkbox"/> sO ₂ <input type="checkbox"/> Chloride <input type="checkbox"/> Haemoglobin total <input type="checkbox"/> pCO ₂ <input type="checkbox"/> * Sodium <input type="checkbox"/> * Creatinine <input type="checkbox"/> Lactate <input type="checkbox"/> blood pH <input type="checkbox"/> * Urea	
Haematology (conventional)	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> 12 times per year <input type="checkbox"/> * Erythrocyte count <input type="checkbox"/> * Haemoglobin total <input type="checkbox"/> MCH <input type="checkbox"/> MCV <input type="checkbox"/> * Haematocrit <input type="checkbox"/> * Leukocyte count <input type="checkbox"/> MCHC <input type="checkbox"/> * Thrombocyte count	
Reticulocytes:	<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> 12 times per year <input type="checkbox"/> Reticulocytes (microscope) <input type="checkbox"/> Reticulocytes (automate)
Leukocyte distribution with automate:	<input type="checkbox"/> 3 Parts <input type="checkbox"/> 5 Parts
Haematology (differential)	<input type="checkbox"/> Method: "Thread" <input type="checkbox"/> Method: "Third" <input type="checkbox"/> * Distribution of main cells in conventional haematology
Haemostasis (conventional)	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> * Fibrinogen <input type="checkbox"/> * Thromboplastin time, % <input type="checkbox"/> * Thromboplastin time, INR <input type="checkbox"/> * Partial thromboplastin time <input type="checkbox"/> Thrombin time	
Haemostasis (Coaguchek®- specific)	Model:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> * Thromboplastin time, % <input type="checkbox"/> * Thromboplastin time, INR	
D-Dimères	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> * D-Dimer	
Sedimentation rate	Method/instrument:
<input type="checkbox"/> Sedimentation rate (1 hour) <input type="checkbox"/> Sedimentation rate (2 hour)	
Microbiology	Method/instrument:
Virology	
Parasitology	
<input type="checkbox"/> * Streptococcus A antigen <input type="checkbox"/> * Urine Slide (Uricult) <input type="checkbox"/> Gram coloration <input type="checkbox"/> * HIV1/2 rapid test <input type="checkbox"/> * HIV1/2 antibodies <input type="checkbox"/> * HCV antibodies <input type="checkbox"/> * HBs antigen <input type="checkbox"/> * Blood Parasitology <input type="checkbox"/> Toxoplasmosis <input type="checkbox"/> Lyme-borreliosis	
* Microbiology: UK-NEQAS and QCMD	see specific program description
Drug of abuse	Method/instrument:
<input type="checkbox"/> * Amphetamine total <input type="checkbox"/> * Cocaine <input type="checkbox"/> LSD <input type="checkbox"/> Methaqualone <input type="checkbox"/> Propoxyphene <input type="checkbox"/> * Barbiturate <input type="checkbox"/> Creatinine DAU <input type="checkbox"/> MDMA <input type="checkbox"/> * Opiate <input type="checkbox"/> * THC (Cannabis) <input type="checkbox"/> * Benzodiazepine <input type="checkbox"/> EDDP <input type="checkbox"/> Metamphetamine <input type="checkbox"/> Paracetamol <input type="checkbox"/> Tricyclic <input type="checkbox"/> Buprenorphine <input type="checkbox"/> Ethanol <input type="checkbox"/> * Methadone <input type="checkbox"/> Phencyclidine	
Cardiac markers	Method/instrument:
<input type="checkbox"/> CK MB mass <input type="checkbox"/> * Myoglobin <input type="checkbox"/> * Troponin T <input type="checkbox"/> NT pro-BNP <input type="checkbox"/> Homocystein <input type="checkbox"/> * Troponin I <input type="checkbox"/> BNP	
Tumor markers	Method/instrument:
<input type="checkbox"/> * PSA total <input type="checkbox"/> CA 125 <input type="checkbox"/> CA 15-3 <input type="checkbox"/> * AFP <input type="checkbox"/> * PSA free <input type="checkbox"/> Cyfra 21 1 <input type="checkbox"/> CA 19-9 <input type="checkbox"/> * HCG <input type="checkbox"/> β2-microglobulin <input type="checkbox"/> * CEA <input type="checkbox"/> NSE	
Genetics and Molecular Biology	Method/instrument:
<input type="checkbox"/> * Haemochromatosis <input type="checkbox"/> * Haemostasis (factor II / V, MTHFR)	
Genetics and Molecular Biology EMQN	see specific program description

Hormones	Method/instrument:
<input type="checkbox"/> Choriogonadotropin (βHCG) <input type="checkbox"/> Folate <input type="checkbox"/> Prolactin <input type="checkbox"/> Thyroxin total (T4) <input type="checkbox"/> Cortisol <input type="checkbox"/> Follitropin <input type="checkbox"/> Testosterone <input type="checkbox"/> Triiodothyronin free (T3 F) <input type="checkbox"/> Cyanocobalamin (Vit. B 12) <input type="checkbox"/> Lutropin <input type="checkbox"/> Thyroglobulin <input type="checkbox"/> Triiodothyronin total (T3) <input type="checkbox"/> Estradiol, 17-β- <input type="checkbox"/> Progesterone <input type="checkbox"/> Thyrotropin (TSH) <input type="checkbox"/> Ferritin <input type="checkbox"/> Procalcitonin <input type="checkbox"/> Thyroxin free (T4 F)	
Pre and post analytical phase	2 times per year only for EQAcom users
Urine – quantitative determination	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> Albumin / Creatinine <input type="checkbox"/> Calcium total <input type="checkbox"/> Magnesium total <input type="checkbox"/> Osmolality <input type="checkbox"/> Albumin, micro- <input type="checkbox"/> Chloride <input type="checkbox"/> Phosphate inorganic <input type="checkbox"/> Sodium <input type="checkbox"/> Amylase, pancreas spec <input type="checkbox"/> Creatinine <input type="checkbox"/> Potassium <input type="checkbox"/> Urate (uric acid) <input type="checkbox"/> Amylase total <input type="checkbox"/> Glucose <input type="checkbox"/> Protein total <input type="checkbox"/> Urea	
Urine strips	Method/instrument:
<input type="checkbox"/> Bilirubin <input type="checkbox"/> Nitrite <input type="checkbox"/> Blood in urine <input type="checkbox"/> Leukocytes (microscope) <input type="checkbox"/> Ketone <input type="checkbox"/> pH <input type="checkbox"/> Urobilinogen <input type="checkbox"/> Erythrocytes (microscope) <input type="checkbox"/> Glucose <input type="checkbox"/> Specific mass (density) <input type="checkbox"/> Osmolality <input type="checkbox"/> β-HCG <input type="checkbox"/> Leukocytes <input type="checkbox"/> Protein	
Porphyrin	Method/instrument:
<input type="checkbox"/> Aminolevulinate <input type="checkbox"/> Coproporphyrin total <input type="checkbox"/> Porphyrin, hexacarboxy- <input type="checkbox"/> Uroporphyrin total <input type="checkbox"/> Coproporphyrin I <input type="checkbox"/> Porphobilinogen <input type="checkbox"/> Porphyrin, pentacarboxy- <input type="checkbox"/> Coproporphyrin III <input type="checkbox"/> Porphyrin, heptacarboxy- <input type="checkbox"/> Porphyrin total	
Bone metabolism	Method/instrument:
<input type="checkbox"/> CTx / Creatinine <input type="checkbox"/> Creatinine <input type="checkbox"/> Parathormone PTH(Parathyrin) <input type="checkbox"/> Telopeptide amino-terminal (NTx) <input type="checkbox"/> NTx / Creatinine <input type="checkbox"/> Hydroxyproline <input type="checkbox"/> Phosphatase alkaline bone <input type="checkbox"/> Telopeptide C, carboxy-terminal (CTx) <input type="checkbox"/> DPD / Creatinine <input type="checkbox"/> Osteocalcine <input type="checkbox"/> Pyridinoline (PYD) <input type="checkbox"/> Vitamin D, 1,25-dihydroxycalciferol <input type="checkbox"/> PYD / Creatinine <input type="checkbox"/> P1NP <input type="checkbox"/> Pyridinoline, Deoxy- (DPD) <input type="checkbox"/> Vitamin D, 25-hydroxy-calciferol	
Volatile and alcoholism markers	Method/instrument:
<input type="checkbox"/> Acetone <input type="checkbox"/> Ethanol <input type="checkbox"/> Isopropanol <input type="checkbox"/> Méthanol <input type="checkbox"/> Transferin, carbohydrate deficient (CDT) <input type="checkbox"/> Acetaldehyde	
TDM	Method/instrument:
<input type="checkbox"/> Amikacin <input type="checkbox"/> * Digoxin <input type="checkbox"/> Methotrexate <input type="checkbox"/> Phenytoin <input type="checkbox"/> Valproate <input type="checkbox"/> Amitriptyline <input type="checkbox"/> Ethosuximide <input type="checkbox"/> Netilmicine <input type="checkbox"/> Primidone <input type="checkbox"/> Valporic acid <input type="checkbox"/> Carbamazepine <input type="checkbox"/> Gentamicin <input type="checkbox"/> Nortriptyline <input type="checkbox"/> Salicylate <input type="checkbox"/> Vancomycin <input type="checkbox"/> Ciclosporine <input type="checkbox"/> Lidocaïne <input type="checkbox"/> Paracetamol <input type="checkbox"/> Theophylline <input type="checkbox"/> Desipramine <input type="checkbox"/> * Lithium <input type="checkbox"/> Phenobarbital <input type="checkbox"/> Tobramycin	
Blood in stools	Method/instrument:
<input type="checkbox"/> Blood stools	
Photometry	Method/instrument:
<input type="checkbox"/> 334 nm <input type="checkbox"/> 365 nm <input type="checkbox"/> 436 nm <input type="checkbox"/> 490 nm <input type="checkbox"/> 505 nm <input type="checkbox"/> 520 nm <input type="checkbox"/> 550 nm <input type="checkbox"/> 578 nm <input type="checkbox"/> 630 nm <input type="checkbox"/> 690 nm <input type="checkbox"/> 340 nm <input type="checkbox"/> 405 nm <input type="checkbox"/> 450 nm <input type="checkbox"/> 492 nm <input type="checkbox"/> 510 nm <input type="checkbox"/> 546 nm <input type="checkbox"/> 560 nm <input type="checkbox"/> 620 nm <input type="checkbox"/> 650 nm	
Dermatology	
<input type="checkbox"/> Dermatology – Mycology	
Sterilisation “spores”	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> 12 times per year <input type="checkbox"/> 121 °C <input type="checkbox"/> 134 °C	
Sterilisation “prions”	Method/instrument:
<input type="checkbox"/> 4 times per year <input type="checkbox"/> 6 times per year <input type="checkbox"/> 12 times per year	
Forensic Medicine: Alcohol and Medicines & Drugs	
Only for Forensic Medicine Institutes (compulsory). Please contact CSCQ.	
WADA-AMA : EQAS Haematological Module	
Only for labs recognised by the World Anti-Doping Agency - WADA (compulsory). Please contact CSCQ.	

Remarks:

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