



# Infection Control in European Countries

## Professional Profiles and Training

Version 5, June 2006

This questionnaire is addressed to the official IPSE National Contact Point. It should be completed either personally by the National Contact Point or in collaboration with national experts.

### COUNTRY

Country -----  
National Contact Point -----

### DETAILS OF PERSON COMPLETING THE QUESTIONNAIRE

First name -----  
Last name -----  
Institution -----  
Profession -----  
Professional address -----  
-----  
-----  
Phone -----  
Fax -----  
E-mail -----  
Date of Completion \_\_\_ / \_\_\_ / \_\_\_ (must be completed by Friday 21<sup>st</sup> of JULY 2006)

### PLEASE RETURN THE COMPLETED QUESTIONNAIRE BY POST OR FAX TO

IPSE Coordination Office  
Université Claude Bernard Lyon1 - Laboratoire d'Épidémiologie et Santé Publique  
8 avenue Rockefeller - F-69373 Lyon Cedex 08  
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This questionnaire is divided into two sections: Professional Profiles and Training.

**Section 1: Professional Profiles** section deals with the following topics

Human resources for Infection Control  
Status of Infection Control doctors and nurses

**Section 2: Training** section deals with the following topics

National curriculum or programme for training (Initial, Continuing)  
Evaluation of competencies  
Basic training of HCW, and 'link' professionals

## GLOSSARY OF TERMS

**Contributor:** an actor who helps with the execution of a given task as a team member

**Hospital:** an inpatient facility providing acute care.

**Infection Control link doctors:** doctors who act as a link between their own clinical area and the infection control team

**Infection Control link nurses:** nurses who act as a link between their own clinical area and the infection control team

**Infection Control programme:** a programme aimed at controlling hospital acquired infections, through surveillance and/or adoption of evidence-based infection control policies and procedures.

**Infection Control training programme:** a programme leading to Infection Control qualification.

**Responsible:** an actor who has the personal accountability or ability to act without guidance or superior authority for a given task.

**FOR ADDITIONNAL INFORMATION OR ADVICE ON THE COMPLETION OF THE QUESTIONNAIRE, PLEASE CONTACT:**

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# Section 1: Professional Profiles

## CHAPTER 1: HUMAN RESOURCES FOR INFECTION CONTROL

**1- Within your national programme or regulations, have you defined an "Infection Control team" with regard to the size and composition?**

- Yes, by law
- Yes, it is part of government recommendations
- Yes, it is part of professional bodies' recommendations
- No

**2- If yes, does this definition include the following professionals?**

- IC doctors
- IC nurses
- IC managers
- Laboratory technicians
- Environmental technicians
- Data managers
- Administrative support
- Other  (specify) \_\_\_\_\_

### ***Infection Control Doctors***

**3- Within your national programme or regulations, do you define a professional profile for "Infection Control doctors"?**

- Yes, by law
- Yes, it is part of government recommendations
- Yes, it is part of professional bodies' recommendations
- Hospitals define their own profile for IC doctors
- No

**4- If a national professional profile exists, is there a job description for IC doctors?**

- Yes
- No

**5-Is there a legal or recommended ratio for IC doctors?**

- Yes, it is a legally defined ratio
- Yes, it is a recommended ratio, e.g. by a professional body
- No

**6- If yes, please give the legal or recommended ratio per bed or per admission for IC doctors:**

- Ratio per bed                      \_\_ IC doctors / \_\_\_\_ beds
- Ratio per admission              \_\_ IC doctors / \_\_\_\_ admissions

**7- If the actual ratio for IC doctors has been surveyed during the last three years, please give the latest figures:**

- Ratio per bed                      \_\_ IC doctors / \_\_\_\_ beds
- Ratio per admission              \_\_ IC doctors / \_\_\_\_ admissions

### **Infection Control Nurses**

**8- Within your national programme or regulations, do you define a professional profile for "Infection Control nurses"?**

- Yes, by law
- Yes, it is part of government recommendations
- Yes, it is part of professional bodies' recommendations
- Hospitals define their own profile for IC nurses
- No

**9- If a national professional profile exists, is there a job description for IC nurses?**

- Yes
- No

**10-Is there a legal or recommended ratio for IC nurses?**

- Yes, it is a legally defined ratio
- Yes, it is a recommended ratio, e.g. by a professional body
- No

**11- If yes, please give the legal or recommended ratio per bed or per admission for IC nurses:**

- Ratio per bed                      \_\_ IC nurses / \_\_\_\_ beds
- Ratio per admission              \_\_ IC nurses / \_\_\_\_ admissions

**12- If the actual ratio for IC nurses has been surveyed during the last three years, please give the latest figures:**

- Ratio per bed                      \_\_ IC nurses / \_\_\_\_ beds
- Ratio per admission              \_\_ IC nurses / \_\_\_\_ admissions



**If a professional profile exists, please complete Annexe A "Professional profiles for Infection Control professionals"**

## ANNEXE A: PROFESSIONAL PROFILES FOR INFECTION CONTROL PROFESSIONALS

### General Tasks

What is the role of the IC Professionals in terms of:	Infection Control doctors	Infection Control nurses
1- The elaboration of an Infection Control programme, work plan and projects	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
2- The management (implementation, follow up, evaluation) of an Infection Control program, work plan and projects	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
3- Research activities	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable

### Specific Tasks

What is the role of the IC Professionals in terms of:	Infection Control doctors	Infection Control nurses
4- The identification and investigation of outbreaks	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
5- The design of a surveillance system	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
6- The management (implementation, follow up, evaluation) of a surveillance system	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
7- The analysis and feed back of Infection Control data	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
8- Audits and evaluation of professional performance	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
9- The elaboration of Infection Control procedures	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
10- The implementation of Infection Control procedures	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
11- Training of hospital employees in Infection Control	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
12- Antibiotics policy	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
13- Environmental surveillance	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
14- Procedures for disinfection of medical devices	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
15- Procedures for sterilisation of medical devices	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable

## Complementary Tasks

What is the role of the IC Professionals in terms of:	Infection Control doctors	Infection Control nurses
16- Expertise in Infection Control policy	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
17- Clinical management of infected or at risk patients	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
18- Appropriate laboratory testing	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
19- Prescription of antibiotics	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
20- Work organisation of clinical units	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
21- Employee health	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
22- Elaboration of Healthcare procedures	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
23- Implementation of Healthcare procedures	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
24- Risk management	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
25- Quality management	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable
26- Control of epidemic community infections	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable	<input type="checkbox"/> Responsible <input type="checkbox"/> Contributor <input type="checkbox"/> Not applicable

## CHAPTER 2: STATUS OF INFECTION CONTROL DOCTORS AND NURSES

### ***Infection Control Doctors***

**13- Do you have official recognition in your country of the specialty of "Infection Control" for doctors?**

- Yes, by health care authorities
- Yes, by universities
- Yes, by professional bodies
- No

**14- What are the usually required background(s) for IC doctors?**

- Medical Epidemiology
- Public Health
- Microbiology
- Infectious Diseases
- Hygiene and environmental health
- Other clinical specialty
- Other

### ***Infection Control Nurses***

**15- Do you have official recognition in your country of the specialty of "Infection Control" for nurses?**

- Yes, by health care authorities
- Yes, by universities
- Yes, by professional bodies
- No

**16- What is the usual seniority of IC nurses on entry?**

- Senior head nurses
- Qualified nurses (min 3 years experience)
- Newly qualified nurses

**17- What are the usually required background(s) for IC nurses?**

- ICU nurse
- Operating room nurse
- Anaesthesiology nurse
- Other specialised nurse
- All graduated / certified nurses

# Section 2: Training

## CHAPTER 1: NATIONAL CURRICULUM OR PROGRAMME FOR TRAINING (INITIAL, CONTINUING)

	Infection Control doctors	Infection Control nurses
18- Is there any national curriculum or programme for the training of Infection Control professionals?	<input type="checkbox"/> Yes, at national level <input type="checkbox"/> Yes, at professional level <input type="checkbox"/> No, the training is organised by local institutions and societies	<input type="checkbox"/> Yes, at national level <input type="checkbox"/> Yes, at professional level <input type="checkbox"/> No, the training is organised by local institutions and societies
19- If yes, does the programme specify a particular number of weeks or hours of training?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
20- If yes, how many hours/weeks of theory does the programme contain?	_____ hours or _____ weeks	_____ hours or _____ weeks
21- If yes, how many hours/weeks of practical training does the programme contain?	_____ hours or _____ weeks	_____ hours or _____ weeks
22- Do you have any distance learning programmes available?	<input type="checkbox"/> Yes, for doctors and nurses <input type="checkbox"/> Yes, only for doctors <input type="checkbox"/> Yes, only for nurses <input type="checkbox"/> No	
23- What type of degree or training leads to IC qualification for professionals?	<input type="checkbox"/> IC specialty <input type="checkbox"/> IC sub-specialty <input type="checkbox"/> Continuous training (government) <input type="checkbox"/> Continuous training (professional bodies) <input type="checkbox"/> Board certification <input type="checkbox"/> University degree <input type="checkbox"/> Other	<input type="checkbox"/> IC specialty <input type="checkbox"/> IC sub-specialty <input type="checkbox"/> Continuous training (government) <input type="checkbox"/> Continuous training (professional bodies) <input type="checkbox"/> Board certification <input type="checkbox"/> University degree

## CHAPTER 2: EVALUATION OF COMPETENCIES

### ***Infection Control Doctors***

**24- Do you have standard recertification for IC doctors?**

- Yes, through continuous medical education
- Yes, through continuous professional education
- No

**25- If yes, what is the periodicity of this recertification?**

\_\_\_ months

**26- Do you have a continuous training programme for IC doctors in your country?**

- Yes, this is a mandatory training programme
- Yes, this is an optional training programme
- No, this training is not available

**27- If yes, how is this training delivered?**

- Through specific training delivered by professional bodies
- Through specific training delivered by national boards
- Through national meetings of professional bodies
- Through national meetings of the board

### ***Infection Control Nurses***

**28- Do you have standard recertification for IC nurses?**

- Yes, through continuous medical education
- Yes, through continuous professional education
- No

**29- If yes, what is the periodicity of this recertification?**

\_\_\_ months

**30- Do you have a continuous training programme for IC nurses in your country?**

- Yes, we have a mandatory training programme
- Yes, we have an optional training programme
- No, this training is not available

**31- If yes, how is this training delivered?**

- Through specific training delivered by professional bodies
- Through specific training delivered by national boards
- Through national meetings of professional bodies
- Through national meetings of the board

**CHAPTER 3: BASIC TRAINING OF HCW AND ‘LINK’ PROFESSIONALS**

	Doctors	Nurses
<b>32- Are “link professionals” usual in your country?</b>	<input type="checkbox"/> Yes for IC “link” doctors <input type="checkbox"/> Yes, for IC “link” nurses <input type="checkbox"/> No	
<b>33- Do you have official recommendations for IC link professionals in your country?</b>	<input type="checkbox"/> Yes, at national level <input type="checkbox"/> Yes, at professional level <input type="checkbox"/> No	<input type="checkbox"/> Yes, at national level <input type="checkbox"/> Yes, at professional level <input type="checkbox"/> No
<b>34- Do you have recommendations for training link professionals in your country?</b>	<input type="checkbox"/> Yes, at national level <input type="checkbox"/> Yes, at professional level <input type="checkbox"/> No	<input type="checkbox"/> Yes, at national level <input type="checkbox"/> Yes, at professional level <input type="checkbox"/> No
<b>35- Is there basic training in Infection Control for healthcare professionals</b>	<input type="checkbox"/> Yes, this training is mandatory <input type="checkbox"/> Yes, this training is optional <input type="checkbox"/> No, this training is not available	<input type="checkbox"/> Yes, this training is mandatory <input type="checkbox"/> Yes, this training is optional <input type="checkbox"/> No, this training is not available
<b>36- Do infection control issues form part of the examination or evaluation for professionals</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No