



TRICE

TRAINING IN INFECTION CONTROL IN EUROPE

Denmark

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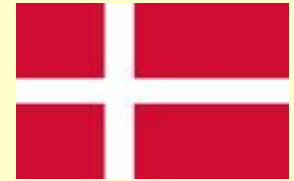
Jette Holt, Elsebeth Tvenstrup Jensen

National Center of Infection Control



PROFILE

- 27 mergers of acute hospitals (2009) placed on 72 single hospitals – 15,600 somatic beds and 348 ICU beds (2007)
- 13,856 doctors, 33,471 nurses and 24,500 others employed in acute hospitals (2009)
- The Danish model is characterised by tax-based financing and large-scale public production of hospital services
- Infection Control (IC) and Risk Management Systems are separate bodies. The IC component of Patient Safety is based on national recommendations. Collaboration on campaigns can be improved
- Population (2009) 5,515,287. GDP 233.2 billion € (2008). Health care expenditure totals 9.8 % of GDP in 2007=22.85 billion € (2008), Pr capita 4144 €.
- Hospital expenditure totals 4.3 % of GDP= 10.03 billion € (2007). Per capita 1818 €
- National recommendations on Infection Control since 1977
- National Board of Health is officially/legally responsible for IC activities at national level. The 5 Regions are responsible at regional level and hospital management at local level. National Center of IC has advisory function for National Board of Health



CURRENT SITUATION

INFECTION CONTROL RESOURCE CAPACITY IN ACUTE HOSPITALS (RECOMMENDED TOPICS):

- Professional resources: 57 full time IC nurses (2 in National Center of IC, 2 in short term employment in primary healthcare), 5 full time ICD (2 in National Center of IC), min 14 working part time with IC
- Professionals' background: 27 nurses hold IC Specialist education in IC (45 ECTS), 7 have Diploma in IC from NHV (60 ECTS), 13 others are students at Diploma at NHV and 3 are planning to start Diploma in IC at NHV
- 3 doctors (clinical microbiologist) have started Diploma in IC at NHV, the rest have Clinical microbiologist background and some epidemiology
- No recommended ratios– but the ratio of ICN is 1/300 beds
- Infection control is organized in Infection Control Committees, and/or Infection Control Teams. Advisory body to hospital board. Each IC professional has a job description for IC activities.
- Some hospitals have link professionals at the wards – mostly nurses. They refer to the IC Team

EXISTING TRAINING CAPACITY

INFECTION CONTROL TRAINING (RECOMMENDED TOPICS):

- Bachelor of Science in Nursing (B.N.), 210 ECTS, (2008),
- To be a IC Nurse or IC doctor the Nordic Diploma Program at NHV (Nordic School of Public Health, Gotenburg, Sweden) in IC (60 ECTS) or similar is recommended
- Since 2007 IC education has been continuously in place at NHV with nordic curriculum
- The competent bodies organizing Nordic Diploma IC training are Statens Serum Institut (DK), Folkehelseinstituttet (N) and Smittskyddsinstitutet (S)
- The IC training at NHV is based on "IPSE European core curriculum for training for infection control practitioner" and the competencies are considered and incorporated in the Diploma courses

MAIN OBSTACLES FOR IMPROVING INFECTION CONTROL PROFESSIONALS TRAINING

1. Lack of political will to create the positions in hospitals and especially primary health care due to economy and minimum surveillance
2. Ongoing implementation for the Danish Healthcare Quality Programme
3. Too little Infection Control Training in basic education for professional HCW

THE FUTURE

PLANS FOR FURTHER ORGANISATION OF INFECTION CONTROL TRAINING IN THEIR COUNTRY:

- Topics to be prioritized for training: 1) training in basic education, 2) training of primary sector professionals
- Future national perspectives in this area: will be based on decisions made on strategy meeting for National Center of IC and IC professionals on June 21st 2010