Information Resources in Infection Control

7th edition (2013)

Nizam Damani

Information Resources in Infection Control

Nizam Damani

MBBS, MSc, FRCPath, FRCPI, CIC, DipHIC

Associate Medical Director Infection Prevention & Control Craigavon Area Hospital Portadown, UK

Honorary Senior Lecturer Department of Medical Microbiology Queen's University, Belfast, UK



International Federation of Infection Control

Copyright © Nizam Damani, 2013

International Federation of Infection Control www.theIFIC.org

ISBN 978-0-9555861-3-2

Previous editions published in 2003, 2004, 2005, 2006, 2008, 2010

ABBREVIATIONS

ACDP Advisory Committee on Dangerous Pathogens, UK

http://www.hse.gov.uk/aboutus/meetings/acdp

APIC Association for Professionals in Infection Control & Epidemiology

http://www.apic.org

BMA British Medical Association

www.bma.org.uk

BSAC British Society for Antimicrobial Chemotherapy

www.bsac.org.uk

CDC Centres for Disease Control and Prevention, USA

http://www.cdc.gov

HICPAC Healthcare Infection Control Practices Advisory Committee, USA

http://www.cdc.gov/ncidod/hip

HPA Health Protection Agency

www.hpa.org.uk

HSE Health and Safety Executive, UK

www.hse.gov.uk

IDSA Infectious Diseases Society of America

http://www.idsociety.org

IFH International Scientific Forum for Home Hygiene

www.ifh-homehygiene.org

IFIC International Federation of Infection Control

www.theific.org

IHI Institute of Health Improvement

http://www.ihi.org

IPS Infection Prevention Society, UK

http://www.ips.uk.net/

ICAHO Joint Commission on Accreditation of Healthcare Organization

http://www.iointcommission.org/

ICR Joint Commission Resource, USA

http://www.jcrinc.com/

MHRA Medicines and Healthcare products Regulatory Agency

http://www.mhra.gov.uk/

NDSC National Disease Surveillance Centre, Ireland

www.ndsc.ie

NHSN National Healthcare Safety Network

http://www.cdc.gov/ncidod/

NICE National Institute for Clinical Excellence, UK

www.nice.org.uk

NIOSH National Institute for Occupational Safety & Health,

http://www.cdc.gov/niosh/homepage.html

OSHA Occupational Safety and Health Administration

www.osha.gov

PHAC Public Health Agency of Health Canada

http://www.phac-aspc.gc.ca/dpg_e.html#infection

PIDAC Provincial Infectious Diseases Advisory Committee, Canada

www.oahpp.ca

SHEA Society for Healthcare Epidemiology of America

http://www.shea-online.org

CONTENT

PUBLICATIONS AND PAPERS

Air Travel	
Ambulance Services	7
Animals in Healthcare Settings	7
Antibiotic Stewardship	7
Audit Tools	
Blood Borne Viral Infections	8
Building Design, Construction & Renovation	
Burden & Cost of HCAIs	
Care Bundles – Infection Prevention	
Clostridium difficile Infections	
Community & Long-term Facilities	13
Cystic Fibrosis	
Definitions of HCAIs	
Dentistry	
Disinfection & Sterilization	
Emergency & Disaster Planning	
Endoscope Decontamination	
Enteral Feeding	
Environmental Cleaning	
Food and Water	17
Gastrointestinal Infections	18
Guideline Development	
Hand Hygiene	
Hydrotherapy, Spa & Swimming Pools	
Immunocompromised and Transplant Patients	
Influenza Pandemic Planning	
Injection Safety and Prevention of Sharp Injuries	
Intravascular Catheters	
Isolation Precautions	
Laboratory Safety	
Legionnaires' disease	
Lice and Scabies	
Management and Organization	
Manual and Guidelines	
Meningococcal Disease	
Methicillin-resistant <i>Staph aureus</i>	
Mortuary, Post-mortem and Last Office	
Multi-drug Resistant Gram Negative Organisms	
Multi-drug Resistant Organisms	
Neonatal and maternal infections Norovirus	
Operating Theatres	
Ophthalmic Infections	
Outpatient Department	
Parvovirus Infection	
Pertussis (Whooping Cough)	
- 01 taooto (11 1100 b1118 00 a811)	2)

Prion Diseases.	29
Prisons and Places of Detention	
Pseudomonas aeruginosa	29
Reporting of outbreaks & interventions studies	29
Renal Dialysis	
Reuse of Medical Devices	
SARS	
Staff Health	
Sterile Supply Department	
Streptococcal Infections	
Surgical Site Infections	
Surveillance & Outbreaks	
Tuberculosis	
Uniform and Workwear	
Urinary Tract Infection	
Vancomycin Resistant Enterococci Ventilator-associated Pneumonias	
Viral Haemorrhagic Fevers	
Waste Management	
BOOKS	
Antiseptic, Disinfection and Sterilization	37
Bioterrorism	37
Community & Long-term Facilities	
Dentistry	
Healthcare Associated Infections	
Healthcare Building	
Immunization	
Infectious & Communicable Diseases	
Intensive Care Unit	
International Travel	
Laboratory Acquired Infections	
Surgical Site Infections	
Surveillance & Outbreak Control	
CERTIFICATION & DEGREE COU	RSES
Certification, Diploma & Masters in Infection Prevention and Control	45
MED CIME ADDRESSES	
WEB SITE ADDRESSES	
Evidence Based Practice	46
Journals & Newsletters	
Organizations & Regulatory Bodies	47
Index	50

AIR TRAVEL

- Association of Port Health Authorities in the United Kingdom. Code of practice: dealing with infectious diseases on aircraft 1995. Electronic access: http://www.apha.org.uk/copdwidoa.htm
- Mangili A and Gendreau MA. Transmission of infectious diseases during commercial air travel. *Lancet* 2005; 365:989-96.
- National Research Council. *The airline cabin environment and the health of passengers*. Washington, DC: National Academic Press, 2002.
- Safety and Health Team. *Aircraft disinfection requirements*. Washington, DC: US Department of Transportation, 2004.
- WHO. *Guidelines for prevention and control: Tuberculosis and air travel.* Geneva: World Health Organization 2007.
- WHO: Recommendations on the disinfecting of aircraft. *Weekly Epidemiology Record* 1998; 73:109-11.
- Withers M, Christopher G. Aeromedical evacuation of biological warfare casualties: a treatise on infectious diseases on aircraft. *Mil Med* 2000; 165 (Suppl. 3):1-21.

AMBULANCE SERVICES

- UK Dept. of Health. *Ambulance guidelines reducing infection through effective practice in the pre-hospital environment.* London: Dept. of Health, 2008.
- UK Dept. of Health. *Self-assessment tool for Ambulance service*. London: Dept. of Health, 2006.

ANIMALS IN HEALTHCARE SETTINGS

- APIC Guidelines for animal-assisted interventions in health care facilities. *American Journal of Infection Control*, 2008: 36; 78-85.
- Queensland guidelines. *Infection Control Guidelines for Animal contact.* Queensland Health, 2008. ISBN 978-1-921 447-12-9

ANTIBIOTIC STEWARDSHIP

- Gould IM. *Antibiotic Policies: Controlling Hospital Acquired Infection*. New York: Springer, 2011.
- IDSA and SHEA: Guidelines for Developing an Institutional Program to Enhance Antimicrobial Stewardship .*Clinical Infectious Diseases* 2007:44:159-77.

- International Society of Chemotherapy Stewardship Working Group. 'Ten Commandments' for the appropriate use of antibiotics by the practicing in an outpatients setting. *Frontiers in Microbiology* 2011: 2; doi.10.3389/fmicb. 2011.00230. www.frontiersin.org
- SARI Working Group. *Guidelines for Antimicrobial Stewardship in Hospitals in Ireland*. Health Protection Surveillance Centre; Dublin: 2009.
- Scottish SIGN guideline No. 104. *Antibiotic Prophylaxis in Surgery.* Edinburgh: Scottish Intercollegiate Guideline network, 2008.
- Sosa AJ et al (ed). *Antimicrobial Resistance in Developing Countries*. New York. Springer, 2010.
- UK Dept. of Health. *Antimicrobial prescribing- A summary of best practice*. London: Dept. of Health, 2007.
- WHO. *Infections control programmes to control antimicrobial resistance.* Geneva: World Health Organization, 2001.WHO/CDS/CSR/DRS/2001.7.
- WHO. Manual for the Laboratory Identification and Antimicrobial Susceptibility Testing of Bacterial Pathogens of Public Health Importance in the Developing World. Geneva: World Health Organization, 2003.
- WHO: *The evolving threat of antimicrobial resistance Options for action*. Geneva: World Health Organization, 2012.

AUDIT TOOLS

- Malik RE, Cooper RA, Griffith CJ. Use of audit tools to evaluate the efficacy of cleaning systems in hospitals. *American Journal of Infection Control* 2003; 31(3):181-7.
- UK Dept. of Health. Audit tools for monitoring infection control standards. London: Dept. of Health, 2004. www.dh.gov.uk/publications
- UK Dept. of Health & ICNA. *Audit tools for monitoring infection control guidelines within community.* (Book and CD ROM). Bathgate: Infection Control Nurses Association, 2005.
- UK Dept. of Health & ICNA. *Audit tools for monitoring infection control standards* 2004 (Book and CD ROM). Bathgate: Infection Control Nurses Association, 2004.

BLOOD BORNE VIRAL INFECTIONS

• Irish Guideline. *The prevention of transmission of Blood-borne diseases in the health-care Setting*. Dublin: Dept. of Health and Children, 2005.

- UK Royal College of General Practitioner. *Guidance for the prevention, testing, treatment and management of Hepatitis C in primary care*. London: The Royal College of General Practitioner, 2007.
- WHO. *Preventing Mother-to-Child Transmission of Hepatitis*. Manila (Western Pacific Region); World Health Organization, 2006.

(Also refer to section on **STAFF HEALTH** on page 30).

BUILDING DESIGN, CONSTRUCTION & RENOVATION

- American Institute of Architects. *Guidelines for Design and Construction of Hospital and Health Care Facilities*. Washington DC: The American Institute of Architects and the Facilities Guidelines Institute; 2010.
- Ann Noble Architects. Health Facility Planning & Architecture. Reduction of Hospital Acquired Infections (HAI) by Design. NHS Estates Research & Development Project B (01)06. July 2003.
- Bartley JM, Olmsted RN *et al*. Current views of health care design and construction: Practical implications for safer, cleaner environment. *American Journal of Infection Control* 2010; 38 (5) (Supplement 1): S1-S12.
- Hansen W. Clean construction. Advice on controlling infection risks during building projects. *Health Facility Management* 2002; 15: 22 24.
- NDSC. National guidelines for the prevention of nosocomial invasive aspergillosis during construction/renovation activities. Dublin: National Disease Surveillance Centre, 2002.
- Scottish Health Facilities. *Healthcare Associated Infection System for Controlling Risk in the Built Environment*. Edinburgh: Health Facilities, Scotland, 2007.
- Scottish Health Facilities Note 30 Version 3. *Infection Control in the Built Environment: Design and Planning*. Edinburgh: Health Facilities, Scotland, 2007.
- Society for Cardiovascular Angiography and Interventions Guidelines: Infection Control Guidelines for the Cardiac Catheterization Laboratory: Society Guidelines Revisited. *Catheterization and Cardiovascular Interventions* 20006; 67:78-86.
- Stockley JM and Constantine CE. Association of Medical Microbiologists' New Hospital Development Project Group. Building New Hospitals: a UK perspective. *Journal of Hospital Infection* 2006; 62; 285-299.
- UK Dept. of Health. *Heating and ventilation systems Health Technical Memorandum 03-01: Specialised ventilation for healthcare premises. Part A: Design and validation Part B: Operational management and performance verification.* Leeds: Department of Health/Estates and Facilities Division, 2007.

- UK NHS Estates: Health Building Note HBN 26: *Facilities for Surgical Procedures: Volume 1*. The Stationary Office, 2004.
- UK NHS Estates: Health Building Note HBN 57: *Facilities for Critical Care.* London: The Stationary Office, 2004.
- UK NHS Estates. HFN 30. *Infection Control in the Build Environment. Isolation facilities in acute setting* (Supplement 1) London: The Stationary Office, 2005.
- UK NHS Estates. *Infection Control in the Build Environment* (HFN30). London: The Stationary Office, 2002: ISBN 011 322086 3.
- WHO. *Natural Ventilation for Infection Control in Health Care Settings.* Geneva: World Health Organization, 2009.

(Also refer to section on **OPERATING THEATER** on page 28).

BURDEN & COST OF HCAIS

- APIC. Dispelling the Myths: The True Cost of Healthcare-Associated infections.
 Washington: Association for Professionals in Infection Control and Epidemiology (APIC), 2007.
- CDC. The direct medical costs of Healthcare-Associated Infections in U.S. Hospitals and the Benefits of Prevention. Atlanta: Centre for Diseases control and prevention, 2009.
- Graves N. Economics and preventing hospital-acquired infection. *Emerging Infectious Diseases* 2004; 10(4); 561-566.
- Graves N *et al. Economics and preventing Healthcare –associated infection.* New York: Springer, 2009. ISBN 978 0 387 72649 6.
- Perencevich N. EN, Stone P W, Wright SB. Raising Standards While Watching the Bottom Line: Making a Business Case for Infection Control. *Infection Control and Hospital Epidemiology*. 2007; 28 (10): 1121-1133.
- Roberts JA. *The Economics of Infectious Diseases*. Oxford: Oxford University Press, 2006. ISBN 0198516223
- Stone PW *et al*. The economic impact of infection control: Making the business cases or increased resources. *American Journal of Infection Control* 2005; 33:542-7.
- WHO: Report on the burden of endemic health care-associated infection worldwide. Geneva: World Health Organization, 2011.

CARE BUNDLE - INFECTION PREVENTION

• USA: Institute of Health Improvements (www.ihi.org)

- o IHI Infection Prevention Bundle: Prevent Central Line Infections, 2007.
- o IHI Infection Prevention Bundle: Prevent Surgical Site Infections, 2007.
- o IHI Infection Prevention Bundle: Prevent Ventilator-Associated Pneumonia, 2007.
- o IHI Infection Prevention Bundle: *Preventing Catheter-Associated Urinary Tract Infections*, 2009.
- o IHI Infection Prevention Bundle: Reduce Methicillin-Resistant *Staphylococcus aureus* (MRSA) Infection, 2007.

• **UK Dept. of Health** (www.clean-safe-care.nhs.uk)

- High Impact Intervention No 1. *Peripheral intravenous cannula care bundle*. London, Dept. of Health, 2007.
- High Impact Intervention No 2. Central venous catheter care bundle.
 London, Dept. of Health, 2007.
- High Impact Intervention No 3. Renal dialysis catheter care bundle.
 London, Dept. of Health, 2007.
- High Impact Intervention No 4. *Care bundle to prevent surgical site infection*. London, Dept. of Health, 2007.
- High Impact Intervention No 5. *Care bundle for ventilated patients (or tracheostomy where appropriate)*. London, Dept. of Health, 2007.
- o High Impact Intervention No 6. *Urinary catheter care bundle*. London, Dept. of Health, 2007.
- o High Impact Intervention No 7. *Care bundle to reduce the risk from Clostridium difficile*. London, Dept. of Health, 2007.

Clostridium difficile INFECTIONS

- APIC Guide: Guide to the Elimination of *Clostridium difficile* in Healthcare Settings, APIC: Washington DC, 2008. ISBN 1 933013 37 0
- European Society of Clinical Microbiology and Infectious Diseases (ESCMID): Data review and recommendations for diagnosing *Clostridium difficile*-infection

- (CDI). European Society of Clinical Microbiology and Infectious Diseases. 2009; 15:1053–1066.
- European Society of Clinical Microbiology and Infectious Diseases (ESCMID): Treatment guidance document for *Clostridium difficile* infection (CDI). *European Society of Clinical Microbiology and Infectious Diseases*. 2009; 15: 1067–1079.
- Health Protection Scotland. *Guidance on Prevention and Control of Clostridium difficile Associated Disease (CDAD) in Healthcare Settings in Scotland*. Glasgow: Health Protection, 2008.
- Irish Guideline. Surveillance, Diagnosis and Management of Clostridium difficile associated disease in Ireland. Dublin: Health Protection Surveillance Centre, 2008.
- Ontario Best Practice Manual: *Clostridium difficile* Prevention and Control of Transmission within Healthcare Facilities, 2006.
- SHEA, APIC, IDSA. A Compendium of Strategies to Prevent Healthcare-Associated Infections in Acute Care Hospitals. Rationale for Hand Hygiene Recommendations after Caring for a Patient with Clostridium difficile Infection.2012. http://www.sheaonline.org/Portals/0/CDI%20hand%20hygiene%20Update.pdf
- SHEA/IDSA Practice Recommendation. Clinical Practice Guidelines for *Clostridium difficile* Infection in Adults: 2010 Update by the Society for Healthcare Epidemiology of America (SHEA) and the Infectious Diseases Society of America (IDSA). *Infection Control Hospital Epidemiology* 2010; 31(5): 431-455.
- SHEA/IDSA Practice Recommendation. Strategies to Prevent *Clostridium difficile* Infections in Acute Care Hospitals. *Infection Control Hospital Epidemiology* 2008; 29:S81–S92.
- UK Dept. of Health. *Updated guidance on the diagnosis and reporting of Clostridium difficile*. London: UK Dept. of Health, 2012.
- UK Health Protection Agency & Department of Health. *Clostridium difficile infection: How to deal with the problem.* London: DH Publication, 2009.
- UK HPA Regional Microbiology Network Care Bundle: A good practice guide to control *Clostridium difficile*, 2007.
- USA *Clostridium difficile* Surveillance Working Group. Recommendations for Surveillance of *Clostridium difficile* -Associated Disease. *Infection Control and Hospital Epidemiology* 2007; 28 (2):140-145.

COMMUNITY & LONG-TERM FACILITIES

- IFH Guideline. *The chain of infection transmission in the home and everyday life settings, and the role of hygiene in reducing the risk of infection.* 2012. http://www.ifh-homehygiene.org/
- IFH Guideline. *Home hygiene prevention of infection at home: a training resource for carers and their trainers*. 2003. http://www.ifh-homehygiene.org/
- IFH Guideline. Home hygiene in developing countries: prevention of infection in the home and peri-domestic settings: a Training Resource 2006. http://www.ifh-homehygiene.org/
- IFH Guideline. Home hygiene in developing countries: prevention of infection in the home and peri-domestic settings: Russian & Urdu translation (2009). http://www.ifh-homehygiene.org/
- IFH Guideline. Recommendations for suitable procedure for use in the domestic environment 2001. http://www.ifh-homehygiene.org/
- IFH Guideline. The infection risks associated with clothing and household linens in home and everyday life settings, and the role of laundry. 2011. http://www.ifh-homehygiene.org/
- IFH Guideline. *Methicillin resistant* Staphylococcus aureus (*MRSA*), Clostridium difficile and *ESBL-producing* Escherichia coli *in the home and community:* assessing the problem, controlling the spread. 2006. http://www.ifhhomehygiene.org/
- NICE clinical guideline 139. *Infection Prevention and control of healthcare-associated infections in primary and community care*. London: National Institute of health and Clinical Excellence; 2012. www.nice.org.uk/cg139
- Scottish Executive. *Infection Control Standards in adult care home care: Final Standards*. Edinburgh: Scottish Executive, 2005.
- SHEA/APIC Guideline: Infection prevention and control in the long-term facility. *American Journal of Infection Control* 2008; 36:504-35.
- UK Health Protection Agency. *Guidelines for the management of norovirus outbreaks in acute and community health and social care settings.* London: UK Health Protection Agency, 2012.
- WHO. *Hand hygiene in Outpatient and home-based care and long term facilities*. Geneva: World Health Organization, 2012.

CYSTIC FIBROSIS

• Cystic Fibrosis Foundation. Infection Control recommendations for patients with cystic fibrosis: Microbiology, important pathogens, and infection control practices to prevent patient-patients-transmission. *Infection Control Hospital Epidemiology* 2003; 24:S6-S53.

DEFINITIONS OF HCAIS

- CDC. CDC definitions of surgical sites infections, 1992: a modification of the CDC definitions of wound infections. *American Journal of Infection Control* 1992; 20:271-274.
- CDC/NHSN Surveillance Definition of Healthcare-Associated Infection and Criteria for Specific Types of Infections in the Acute Care Setting. January 2013. http://www.cdc.gov/nhsn/pdfs/pscmanual/17pscnosinfdef_current.pdf

DENTISTRY

- British Dental Association. *Infection Control in Dentistry*. London: British Dental Association, 2009. Advice Sheet A12.
- CDC Guidelines. Guidelines for Infection Control in Dental Healthcare Setting 2003. *Morbidity and Mortality Weekly Reports* 2003; 52 (RR 17):1-66.
- UK Dept. of Health. *Decontamination in primary care dental facilities: engineering manual.* London: Dept. of Health, 2012.
- UK Dept. of Health. *Decontamination in primary care dental facilities: policy, context and requirements manual.* London: Dept. of Health, 2012.
- UK Dept. of Health. *Decontamination in primary care dental facilities: practical manual for dental practice staff.* London: Dept. of Health, 2012.
- UK Dept. of Health. *Decontamination in primary care dental facilities: waste disposal.* London: Dept. of Health, 2012.

DISINFECTION & STERILIZATION

- APSIC. ASEAN Guidelines for Disinfection and Sterilisation of Instruments in Health Care-Facilities. Asia Pacific Society of Infection Control (APSIC), 2010. http://apsic.info/documents/The-ASEAN-Guidelines-for-Disinfection-and-Sterilisation-of-Instruments-in-Health-Care-Facilities.pdf
- Australian/New Zealand Guidelines. Disinfection & Sterilization Infection control. Centre Healthcare Related Infection Surveillance and Prevention, 2006. www.helath.qld.gov.au/chrisp/

- Canadian Guideline: Best Practice Guidelines for Cleaning, Disinfection and Sterilization of Critical and Semi-critical Medical Devices. British Colombia: Ministry of Health, 2011.
- CDC. *Guideline for Disinfection and Sterilization in Healthcare Facilities*, *2008*. Atlanta: Centre for Disease Prevention and Control. 2008.
- Health Protection Scotland. *Management of care equipment policy and procedure Standard Infection Control Policy.* Edinburgh: Health Protection Scotland, 2007.
- Pan American Health Organization. *Sterilization manual for health centres.* Washington, DC: Pan American Health Organization, 2009.
- PIDAC. Best Practices for Cleaning, Disinfection and Sterilization of Medical Equipment/Devices in All Health Care Settings. Ontario: Provincial Infectious Diseases Advisory Committee, 2010.
- Rutala WA & Weber DJ. How to assess risk of disease transmission to patients when there is a failure to follow recommended disinfection and sterilization guidelines *Infection Control Hospital Epidemiology* 2007; 28(2):146-155.
- SHEA Guideline. Guideline for Disinfection and Sterilization of Prion-Contaminated Medical Instruments. *Infection Control and Hospital Epidemiology* 2010; 31(2):107-115.
- UK Health Estates. Health Technical Memorandum (HTM 2030) *Washer-disinfectors*. Part 1 Design considerations, Part 2 Operational management and Part 3 Validation and Verification London: The Stationery Office, 1997.
- UK Medical Devices Agency. *Device bulletin: The purchase, operation and maintenance of benchtop steam sterilizers.* (MDA DB 9605). London: Medical Devices Agency, 1996.
- UK Medical Devices Agency. *The validation and periodic testing of benchtop vacuum steam sterilisers.* London: Medical Devices Agency, 1998. MDA DB 9804.
- UK MHRA. Sterilization, disinfection and cleaning of medical equipment: guidance on decontamination from the Microbiology Advisory Committee (the MAC manual 3rd edition) Part 1 Principles. London: Medicines and Healthcare products Regulatory Agency, 1010.

(Refer also to section on **ENDOSCOPE DECONTAMINATION** page 16, **REUSE OF MEDICAL DEVICES** on page 29 & **STERILE SUPPLY DEPARTMENT** page 31)

EMERGENCY& DISASTER PLANNING

• APIC: *Infection Prevention for Ambulatory Care During Disasters*. Washington DC: Association for Professionals in Infection Control and Epidemiology, 2009.

- APIC: *Infection Prevention & Control in Emergencies & Disasters.* Washington DC: Association for Professionals in Infection Control and Epidemiology, 2007.
- APIC Guide. *Infection Prevention and Control for shelters during disasters.* Washington DC: Association for Professionals in Infection Control and Epidemiology, 2008.
- APIC State-of-the-art Report: The role of the infection preventionist in emergency management. *American Journal of Infection Control* 2009; 37(4):271-281.
- APIC Update on infection prevention in disaster planning: New resources and policies. *American Journal of Infection Control* 2009; 37(4):250-5.
- MSF. *Refugee Health: An approach to emergency situations.* Medecins Sans Frontieres, 1997.
- WHO. *Communicable disease control manual in emergencies: a field manual.* Geneva: World Health organization, 2005. ISBN 92 4 1546166

ENDOSCOPE DECONTAMINATION

- American College of Chest Physicians and American Association for Bronchoscopy. Consensus statement: Prevention of flexible bronchoscopy-associated infection. *Chest* 2005; 128:1742-1755.
- ASGE –SHEA Guidelines. Multisociety Guidelines on Reprocessing Flexible GI endoscopes: 2011. *Infection Control and Hospital Epidemiology* 2011; 32 (6):527-537.
- British Society of Gastroenterology *Guidelines for Decontamination of Equipment for Gastrointestinal Endoscopy.* 2003.
- Hospital Infection Society Working Party Report. Decontamination of minimally invasive surgical endoscopes and accessories. *Journal of Hospital Infection* 2000; 45: 263-277.
- Hospital Infection Society Working Party Report. Rinse water for heat labile endoscopy equipment. *Journal of Hospital Infection* 2002; 51: 7-16.
- Irish Guideline. *Standards and Recommended Practices for Endoscope Reprocessing Unit.* Dublin: Ireland Health Service Executive, 2011.
- Public Health Agency Canada. Infection Prevention and Control Guideline for Flexible Gastrointestinal Endoscopy and Flexible Bronchoscopy. Public Health Agency, 2010.

• UK Dept. of Health. *Health Technical UK Memorandum 01–06: Decontamination of flexible endoscopes an automatic endoscope reprocessor.* London: Dept. of Health, 2010.

ENTERAL FEEDING

• UK Dept. of Health. *Enteral feeding- prevention of infection*. London: Dept. of Health, 2006.

ENVIRONMENTAL CLEANING

- CDC and HICPAC Guidelines. Guidelines for Environmental Infection Control in Health Care Facilities. *Morbidity and Mortality Weekly Reports* 2003; 52 (RR10):1-42. 'Errata: Vol. 52 (No. RR-10)' (*Morbidity and Mortality Weekly Reports* Vol. 52 [42]: 1025-6) on October 24, 2003 and as a "Notice to Readers" scheduled to appear in December 2003.
- Joint Commission Resources. *Infection Control Issues in the environment care*. Illinois, Joint Commission, 2005. ISBN 0866888748
- PIDAC. Best Practices for Environmental Cleaning for Prevention and Control of Infections., Ontario: Provincial Infectious Diseases Advisory Committee, 2009.
- UK National Patient Safety. *The Revised Healthcare Cleaning Manual*. London: National Patient Safety, 2009. http://www.npsa.nhs.uk/cleaning
- UK NHS Estates. *Revised Guidance on Contracting for Cleaning*. Leeds: Directors of Estates and Facilities, 2004.
- WHO. *Essential Environmental health Standards in Health Care.* Geneva: World Health Organization, 2009.

FOOD & WATER

- McLauchlin J and Little C (eds). Hobbs' Food Poisoning and Food Hygiene 7th edn. London; Hodder Education, 2007.
- NDSC. Preventing Food borne Diseases. A Focus on the infected food handlers. Dublin: National Disease Surveillance Centre, 2004. ISBN 0 9540117 57.
- UK Dept. of Health. Food handlers: *Fitness to work*. London: Department of Health, 1995
- UK Dept. of Health. *Water sources and potential Pseudomonas aeruginosa contamination of taps and water systems: Advice for augmented care units*. London: UK Dept. of Health, 2012.

- UK Health Protection Agency. *Examining food, water and environmental samples from healthcare environments. London:* UK Health Protection Agency, 2010.
- WHO. *Basic Food safety for Health Workers*. Geneva: World Health organization, 1999. WHO/SDE/PHE/FOS/99.1
- WHO. Foodborne Disease: A focus for Health Education. Geneva: WHO, 2000. ISBN 92 4 156196 3.
- WHO. Hazard Analysis Critical Control Point Evaluation. A guide to identifying hazards and assessing risks associated with food preparation and storage. Geneva: World Health Organisation, 1992. ISBN 92 4154433 3.

(Refer also *Pseudomonas aeruginosa* on page 29)

GASTROINTESTINAL INFECTIONS

- IDSA Guidelines. Practice Guidelines for the Management of Infectious Diarrhoea: Infectious Diseases Society of America. *Clinical Infectious Diseases* 2001; 32:33-350.
- PHLS Guidelines. Preventing person to person spread following gastrointestinal infection: guidance to public health physician and environmental offices. *Communicable Disease and Public Health* 2004; 7(4): 362-38.

(Also refer to section on *C difficile* INFECTIONS on page 11 NOROVIRUS on page 27)

GUIDELINE DEVELOPMENT

• Updating the guideline development methodology of the Healthcare Infection Control Practices Advisory Committee (HICPAC). *American Journal of Infection Control* 2010; 38: 264-73.

HAND HYGIENE

- Ahmed QA, Memish ZA, Allegranzi B, *et al.* Muslim health-care workers and alcohol-based handrubs. *Lancet* 2006; 367: 1025 7.
- Allegranzi B, Memish ZA, Donaldson L, *et al.* Religion and culture: potential undercurrents influencing hand hygiene promotion in healthcare. *American Journal of Infection Control* 2009; 37: 28 34.
- IFH. Bloomfield, SF et al. The effectiveness of hand hygiene procedures including handwashing and alcohol-based hand sanitizers in reducing the risks of infections in home and community settings. *American Journal of Infection Control* 2007; 35(Suppl. 1):S1-64.

- Pittet D, Allegranzi B, Sax H *et al.* Evidence-based model for hand transmission during patient care and the role or improved practices. *Lancet Infectious Disease* 2006; 6: 641-52.
- Sax H, Allegranzi B, Uckay I, Larson E, Boyce J and Pittet D. 'My five moments for hand hygiene': a user-centered design approach to understand, train, monitor and report hand hygiene. *Journal of Hospital infection* 2007: 67 (7); 9-21.
- SHEA, APIC, IDSA. A Compendium of Strategies to Prevent Healthcare-Associated Infections in Acute Care Hospitals. Rationale for Hand Hygiene Recommendations after Caring for a Patient with Clostridium difficile Infection.2012. http://www.sheaonline.org/Portals/0/CDI%20hand%20hygiene%20Update.pdf
- Weber W P *et al.* Surgical Hand Antisepsis With Alcohol-Based Hand rub: Comparison of effectiveness after 1.5 and 3 minutes of application. *Infection Control and hospital Epidemiology* 2009; 30(5):420-426.
- WHO Guidelines on Hand Hygiene in Health Care: First Global Patient Safety Challenge. Clean Care is Safer Care .Geneva: World Health Organization, May 2009.
- WHO *Guidelines on Hand Hygiene in Health Care.* Geneva: World Health Organization, 2009.
- World Bank. *The Handwashing Handbook. A guide for developing hand hygiene promotion program to increase handwashing with soap and water.* Washington: The World Bank, 2006.

HYDROTHERAPY, SPA & SWIMMING POOLS

- American Physical Therapy Association. *Hydrotherapy & Therapeutic Pool Infection Control Guidelines*. Alexandria, VA: American Physical Therapy Association; 1995:1-31.
- HPA Guidelines. Management of Spa Pools Controlling the Risks of Infection. London, Health Protection Agency Health and Safety Executive. 2006. ISBN 090114480 0
- WHO: WHO Guidelines for safe recreational water environments. Volume 2: Swimming pools and similar environments. Geneva; World Health Organization, 2006. ISBN 9241546808

IMMUNOCOMPROMISED & TRANSPLANT PATIENTS

• CDC. Guidelines for Preventing Opportunistic Infections Among Hematopoietic Stem Cell Transplant Recipients Recommendations of CDC, the Infectious Disease

Society of America, and the American Society of Blood and Marrow Transplantation. 2000 *Morbidity & Mortality Weekly Reports*; 49(RR10):1-128.

INFLUENZA PANDEMIC PLANNING

- UK Dept. of Health. *Pandemic flu: guidance for funeral Directors*. London: Dept. of Health, 2007.
- UK Dept. of Health. *Pandemic influenza: guidance for infection control in critical care*. London: Dept. of Health, 2008.
- UK Dept. of Health. *Pandemic influenza: guidance for infection control in hospitals and primary care settings.* London: Dept. of Health, 2007.
- UK Dept. of Health. *Pandemic influenza Guidance on preparing maternity services.* London: Dept. of Health, 2008
- UK Royal College of Physicians: *Preparations for Pandemic Influenza Guidance for hospital medical specialties on management during a pandemic influenza outbreak.* London: Royal College of Physicians, 2009.
- WHO. A Guide for Conducting Table-top exercises for National Influenza Pandemic Preparedness. Delhi; World Health Organization, 2006. SEA-CD-156.
- WHO. *Avian influenza: assessing the pandemic threat.* Geneva; World Health Organization, 2005. WHO/CDS/2005.29
- WHO. *Pandemic Influenza Preparedness and Response.* Geneva; World Health Organization, 2009.
- WHO. *Regional Influenza Pandemic Preparedness Plan (2006-2008)*. New Delhi; World Health Organization, 2007. SEA-CD-148.

INJECTION SAFETY & PREVENTION OF SHARP INJURIES

- APIC Position paper: Safe Injection, infusion, and medication vial practices in health care. *American Journal of Infection Control* 2010; 38(3): 167-172.
- WHO Safe Injection Global Network. *Revised injection safety Assessment tool.* Geneva: World Health Organization, 2008.
- WHO Safe Injection Global Network. *Standard Precautions for Injection Safety*. Geneva: World Health Organization, 2007.
- WHO Safe Injection Global Network. *WHO guidelines on drawing blood: best practices in phlebotomy*. Geneva: World Health Organization, 2010.

INTRAVASCULAR CATHETERS

- APIC elimination Guide: Guide to the Elimination of Catheter-Related Bloodstream Infections. Association for professionals in infection control and epidemiology: Washington, 2009.
- CDC/Healthcare Infection Control Practices Advisory Committee. Guidelines for the Prevention of Intravascular Catheter-Related Infections, 2011. Atlanta: CDC, 2011
- IDSA Guidelines: Clinical Practice Guidelines for the Diagnosis and Management of intravascular catheter-related infections: 2009 Update by the Infectious Diseases Society of America. Clinical Infectious Diseases 2009; 49:1-45.
- Irish Guidelines. Health Protection Surveillance Centre. *Prevention of Intravascular Catheter-related Infection in Ireland*. Dublin: Health Protection Surveillance Centre, 2010.
- Northern Ireland Guidelines. Guidelines for Insertion and Maintenance of Central venous Access devices in Children and Young people. Belfast: Guidelines and Implementation Network (GAIN), 2012. http://www.gain-ni.org/
- SHEA /IDSA Practice Recommendation: Strategies to Prevent Central Line-Associated Bloodstream Infections in Acute Care Hospitals. *Infection Control and Hospital Epidemiology* 2008; 29(Supplement 1): S 22-S30.
- The Joint Commission. *Preventing Central Line–Associated Bloodstream Infections: A Global Challenge, a Global Perspective*. Oak Brook, IL: Joint Commission Resources, May 2012. http://www.PreventingCLABSIs.pdf
- UK epic2: Guidelines for preventing infections associated with the use of central venous access devices. *Journal of Hospital Infection* 2007; 65S: S33-S49.

ISOLATION PRECAUTIONS

- CDC/HICPAC: 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings 2007. *American Journal of Infection Control*, 2007: 35 (10); S65-S164.
- PIDAC. Routine practices and additional precautions in all health care settings. Ontario: Provincial Infectious Diseases Advisory Committee, 2011.
- UK Dept. of Health: *Isolating patients with healthcare-associated infection: A summary of best practice*. London: Dept. of Health, 2007.

LABORATORY SAFETY

• APIC & AMM. The Infection Preventionist's Guide to the Lab. Washington, DC: Association for Professionals in Infection Control and Epidemiology, 2012.

- UK Advisory Committee on Dangerous Pathogens, Health & Safety Executive & Department of Health. *The management, design and operation of microbiology containment laboratories*. Norwich: Stationary Office, 2001. ISBN 07176 2034 4.
- UK Health & Safety Executive. Advisory Committee on Dangerous Pathogens (ACDP): *Biological agents: Managing risks in laboratories and healthcare premises.* Norwich: The Stationary Office, 2005.
- UK Health & Safety Executive. *Safe working and the prevention of infection in clinical laboratories and similar facilities.* Norwich: Health & Safety Executive, 2003.

LEGIONNAIRES' DISEASE

- British Standard. *Sampling for Legionella bacteria in water systems Code of practice* (BS 7592:2008). London: BSI Group Headquarters, 2008.
- NDSC. *The Management of Legionnaires' disease in Ireland*. Dublin, National Disease Surveillance Centre, 2002.
- UK Dept. of Health. *04-01: The control of Legionella, hygiene, "safe" hot water, cold water and drinking water systems* Part A: Design, installation and testing. Part B: Operational management. Leeds: UK Dept. of Health, 2006.

LICE AND SCABIES

- Izri A and Chosidow O. Efficacy of Machine Laundering to eradicate head lice: Recommendations to decontaminate washable clothes, linens, and fomites. *Clinical Infectious Disease*, 2006.
- UK Public Health laboratory Service. *Lice and Scabies a health professional's guide to epidemiology and treatment.* London: PHLS, 2000. ISBN 0 901 14451 7.

MANAGEMENT & ORGANIZATION

- APIC: *Infection Prevention Competency Review Guide.* Washington DC: Association for Professionals in Infection Control and Epidemiology, 2011.
- APIC/CHICA-Canada infection prevention, control, and epidemiology: Professional and practice standards. *American Journal of Infection Control* 2008; 36(6):385-89.
- Infection Prevention Society. Outcome of competences for practitioners in infection prevention and control. *Journal of Infection Prevention* 2011; 12 (2): 67-90.

- Murphy DM et al. Competency in infection prevention: A conceptual approach to guide current and future practice. *American Journal of Infection Control* 2012; 40 (4): 296-303.
- NICE Guideline: *Quality improvement guide: Prevention and control of healthcare associated infections.* London: National Institute for health and Clinical Excellence, 2012.
- Public Health Agency Canada. *Essential Resources for Effective Infection Prevention and Control Programs: A Matter of Patient Safety: A Discussion Paper*. Ottawa, Public Health Agency of Canada, 2010
- UK Dept. of Health. *The Health Act 2006: Code of Practice for the Prevention and Control of Health Care Associated Infections,* London: UK Dept. of Health, 2006.
- WHO Guidelines: *Core components for infection prevention and control*. Geneva: World Health organization, 2009.

MANUAL & GUIDELINES

- APIC: *Infection Prevention Manual for Hospitals*. Washington DC: Association for Professionals in Infection Control and Epidemiology, 2010.
- APSIC. Ling ML, Ching T and Seto WH. A Handbook of Infection Control for the Asian Healthcare Worker 3rd edn. Asia Pacific Society of Infection Control (APSIC), 2011. http://apsic.info/documents/A-Handbook-of-Infection-Control-for-the-Asian-Healthcare-Worker.pdf
- Australian guidelines for the prevention and control of infection in healthcare. Australian Commission for Safety and Quality in Health Care, 2010. http://www.nhmrc.gov.au
- British Medical Association: *Healthcare associated Infections: A guide for healthcare professionals.* London: BMA Publishing, 2006. ISBN 1 905545 02 9
- Health Protection Agency Scotland. *National Infection Prevention and Control Manual*, 2012.
- Queensland Health. *Communicable Diseases Control Manual* (5th ed). Herston: Queensland Health, 2011.
- SEARO (WHO) Regional Health paper No. 18. *A Manual on Infection Control in health Facilities*. Delhi: A.I.T.B.S Publisher, 2004.
- The College of Physicians and Surgeons of Ontario. *Infection Control in the Physician's Office*, 2004.

- UK Guideline: *epic* 2: National Evidence-based guidelines for preventing healthcare associated infections in NHS hospital in England. *Journal of Hospital Infection*; 2007; 65 (Supplement):S1-S64.
- WHO. *Guidelines on prevention and control of hospital associated infections.* New Delhi: World Health Organization (SE Asia), 2002. SEA-HLM-343.
- WHO. Practical Guidelines for Infection Control in Healthcare Facilities, SEARO Regional Publication No. 41: New Delhi, World Health Organization WPRO Regional Publication, 2004. ISBN 92 90022 238 7
- WHO. *Prevention of hospital acquired infections: A Practical Guide*. 2nd ed. Geneva: World Health Organization, 2002. WHO/CDR/EPH/2002.12.

MENINGOCOCCAL DISEASES

- Australia Guidelines. *Guidelines for the early clinical and public health management of meningococcal disease in Australia*. Dept. of Health & Aging, 2007.
- UK Health Protection Agency. *Guidance for public health management of meningococcal disease in the UK.* London: Health Protection Agency, 2012.

METHICILLIN-RESISTANT STAPH AUREUS

- APIC Elimination Guide: Guide to the Elimination of Methicillin-Resistant *Staphylococcus aureus* (MRSA) in the Long-Term Care Facility. APIC: Washington DC, 2009.
- APIC Elimination Guide: Guide to the Elimination of Methicillin-Resistant *Staphylococcus aureus* (MRSA) Transmission in Hospital Settings, 2nd Edition. APIC: Washington DC, 2010.
- BSAC Guidelines for UK practice for the diagnosis and management of methicillin-resistant *Staphylococcus aureus* (MRSA) infections presenting in the community. *Journal of Antimicrobial Chemotherapy* 2008: 61; 976-994.
- BSAC/HIS/ICNA working Party. Guidelines for the Control and prevention of meticillin-resistant *Staphylococcus aureus* in healthcare facilities by the joint BSAC/HIS/ICNA working party on MRSA. *Journal of Hospital Infection* (supplement 1) 2006; 63: S1-S44.
- BSAC/HIS/ICNA working Party. Guidelines for the Laboratory Diagnosis and susceptibility testing of meticillin-resistant *Staphylococcus aureus* (MRSA). *Journal of Antimicrobial Chemotherapy* 2005; 56:1000-1018.
- BSAC/HIS/ICNA working Party. Guidelines for the Prophylaxis and treatment of Control and prevention of Meticillin-resistant *Staphylococcus aureus* in the United Kingdom. *Journal of Antimicrobial Chemotherapy* 2006; 57:587-606.

- Update Guidelines (2008) published in *Journal of Antimicrobial Chemotherapy* 2009; 63:849-861.
- CDC Guidelines: Management of Multidrug-Resistant Organisms in Healthcare Settings, 2006. Atlanta: CDC, 2006.
- Federal Bureau of Prisons. Management of methicillin-resistant *Staphylococcus aureus* (MRSA) infection, 2003.
- Health Protection Scotland. *NHS Scotland MRSA Screening Pathfinder Programme.* Final Report Executive Summary. Glasgow: Health Protection Scotland, 2011.
- IDSA: Clinical Practice Guidelines by the Infectious Diseases Society of America for the Treatment of Methicillin-Resistant *Staphylococcus aureus* Infections in Adults and Children. *Clinical Infectious Diseases* 2011;1–38.
- Irish Guideline. *The Control and Prevention of MRSA in Hospitals and Community and hospitals*. Dublin: Health Protection Surveillance Centre, 2005.
- Loveday HP, Pellowe CM, Jones SRLJ and Pratt RJ. A systematic review of the evidence for interventions for the prevention and control of meticillin-resistant *Staphylococcus aureus* (1996-2004): report to the joint MRSA working party (subgroup A). *Journal of Hospital Infection* (supplement 1) 2006; 63: S45-S70.
- Management of Outbreaks of Methicillin-Resistant *Staphylococcus aureus* Infection in the Neonatal Intensive Care Unit: A Consensus Statement. *Infection Control Hospital Epidemiology* 2006; 27:139-145.
- Navy Environmental Health Centre. Guidelines for the management of community-acquired methicillin-resistant *Staphylococcus aureus* (CA-MRSA) infections in the US Navy and Marine Corps. May 2005.
- PIDAC: Provincial Infectious Diseases Advisory Committee. Best Practices for Infection fry Prevention and Control of Resistant Staphylococcus aureus and Enterococci in All Health Care Settings, March 2007.
- SHEA/IDSA Practice Recommendation: Strategies to prevent Transmission of Methicillin-Resistant Staphylococcus aureus in Acute Care Hospitals. Infection Control and Hospital Epidemiology 2008; 29 (Supplement 1): S 62-S80.
- UK Dept. of Heath. Safer practice in renal medicine A resource for reducing healthcare associated infections such as MRSA. London: UK Dept. of Health, 2006.
- UK Dept. of Heath. *Screening for meticillin-resistant Staphylococcus aureus* (MRSA) colonisation A strategy for NHS trusts: a summary of best practice. London: UK Dept. of Health, 2007.

• UK Health Protection Agency. *Guidance on the diagnosis and management of PVL-associated Staphylococcus aureus infections (PVL-SA) in England.* London: Health Protection Agency, 2008.

(Also refer to section on **MULTI-DRUG RESISTANT ORGANISMS** on page 26.)

MORTUARY, POST-MORTEM & LAST OFFICE

- Healing TD, Hoffman PN, Young SEJ. The infection hazards of human cadavers. *Communicable Disease Report* 1995; 5:R61-R68.
- UK Dept. of Health. *Pandemic Flu Guidance for Funeral directors*. London: Dept. of Health, 2008.
- UK Health & Safety Executive. *Safe working and the prevention of infection in the mortuary and post-mortem room.* Norwich: HSE Book, 2004. ISBN 07176 2293 2.
- UK HSE: Controlling the risks of infection at work from human remains A guide for those involved in funeral services (including embalmers) and those involved in exhumation. Health & Safety Executive, 2009. www.hse.gov.uk/pubns/web01.pdf

MULTI-DRUG RESISTANT GRAM NEGATIVE ORGANISMS

- APIC Elimination Guide: *Guide to the Elimination of Multidrug-resistant Acinetobacter baumannii Transmission in Healthcare Settings.* APIC: Washington DC, 2010.
- CDC: Guidance for Control of Carbapenem-resistant Enterobacteriaceae (CRE Tool kit). Atlanta: CDC, 2012.
- Magiorakos *et al.* Multidrug-resistant, extensively drug-resistant and pandrug-resistant bacteria: an international expert proposal for interim standard definitions for acquired resistance. *European Society of Clinical Microbiology and Infectious Diseases.* 2012; 18: 268–28.

MULTI-DRUG RESISTANT ORGANISMS

- CDC Guidelines: Management of multidrug-resistant organisms in healthcare settings, 2006. *American Journal of Infection Control*, 2007: 35(10); S165-S193.
- PIDAC: Provincial Infectious Diseases Advisory Committee. Best Practices for Infection fry Prevention and Control of Resistant Staphylococcus aureus and Enterococci in All Health Care Settings, March 2007.

• SHEA/HICPAC Position Paper. Recommendations for Metrics for Multidrug-Resistant Organisms in Healthcare Settings: SHEA/HICPAC Position Paper. *Infection Control and Hospital Epidemiology* 2008; 29 (10): 901- 913.

(Also refer to section on MULTI-DRUG RESISTANT GRAM NEGATIVE ORGANISMS on page 27, MRSA page on 24 and VRE page 34.)

NEONATAL AND MATERNAL INFECTIONS

- British Infection Association: Practice guidelines. Guidelines for prevention and control of group A streptococcal infection in acute healthcare and maternity settings in the UK 2012: *Journal of Infection*; 64:1-18.
- Provincial Infectious Diseases Advisory Committee. Best Practices for Infection Prevention and Control in Perinatology. In All Health Care Settings that Provide Obstetrical and Newborn Care. PIDAC, Ontario: 2012 www.oahpp.ca
- Spector JM et al. Improving Quality of Care for Maternal and Newborn Health: Prospective Pilot Study of the WHO Safe Childbirth Checklist Program. *PLoS ONE* 7(5): e35151. doi:10.1371/. Available from http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.003 5151. For further information please also visit WHO web site.
- WHO. *Preventing Mother-to-Child Transmission of Hepatitis*. Manila (Western Pacific Region); World Health Organization, 2006.

NOROVIRUS

- CDC guidelines. Updated Norovirus Outbreak Management and Disease Prevention Guidelines. *Morbidity and Mortality Weekly Report* 2011; 60 (3):1-16.
- HIPAC Guideline. Guideline for the Prevention and Control of Norovirus Gastroenteritis outbreaks in healthcare setting. *Infection Control and Hospital Epidemiology* 2011; 32 (10):939-969.
- HPA Guideline. *Guidance for the Management of Norovirus. Infection in Cruise Ships.* London, Health Protection Agency: 2007.
- Irish Guidelines. *Guidance on the Management of Outbreaks of Noroviral Infection in Tourist and Leisure Industry Settings*. Dublin: Health Protection Surveillance Centre, 2007.
- NDSC. National Guidelines on the management of outbreaks of Norovirus in Health Care settings. Dublin: National Disease Surveillance Centre, 2003. ISBN 0 954011749.

- Scottish Guideline: Norovirus Outbreak Preparedness, Control Measures & Practical Considerations for Optimal Patient Safety and Service Continuation in Hospitals. Health Protection Agency Scotland, 2011.
- UK Health Protection Agency. *Guidelines for the management of norovirus outbreaks in acute and community health and social care settings.* London: UK Health Protection Agency, 2012.

OPERATING THEATRES

- Department of Health Technical Memorandum 03-01. Specialised ventilation for healthcare premises. Part A: design and validation. Part B: Operational management and performance verification. Department of Health, Estates and Facilities Division. 2007. London: The Stationery Office, 2007.
- Hospital Infection Society Working Party Report: Behaviours and rituals in the operating theatre. *Journal of Hospital Infection* 2002; 51:241-255.
- Hospital Infection Society Working Party Report: *Microbiological commissioning and Monitoring of Operating theatre suites. Journal of Hospital Infection* 2002; 52:1-28.

OPHTHALMIC INFECTIONS

- American Society of Cataract & Refractive Surgery and the American Society of Ophthalmic Registered Nurses. Recommended for Cleaning and Sterilizing Practices Intraocular Surgical Instruments. Fairfax; ASCRS, 2007.
- Kramer A and Behrens-Baumann W (Eds). Antiseptic Prophylaxis and Therapy in Ocular Infections: Principles, Clinical Practice and Infection Control. S. Karger Publishers, 2002. ISBN. 3805573162

OUTPATIENT DEPARTMENT

- CDC Guideline: *Guide to infection prevention in outpatient settings: Minimum Expectations for Safe Care*. Atlanta: Centre for Diseases Control and Prevention, 2011.
- The College of Physicians and Surgeons of Ontario. *Infection Control in the Physician's Office.* Ontario: The College of Physicians and Surgeons of Ontario, 2004.

PARVOVIRUS INFECTION

• Guidance of control of Parvovirus B16 infection in healthcare setting and community. *Journal of Public Health Medicine*; 1999: 21(4):439-446.

REPORTING OF OUTBREAKS & INTERVENTIONS STUDIES

• The ORION statement: Guidelines for transparent reporting of outbreak reports and interventions studies of nosocomial infection. *Lancet infectious Diseases* 2007; 7: 282-88.

PERTUSSIS (Whopping cough)

• UK Health Protection Agency. *Guidelines for the Public Health Management of Pertussis.* London: UK Health Protection Agency, 2012. www.hpa.org.uk

PRION DISEASES

- SHEA Guideline: Guideline for disinfection and sterilization for Prion contaminated medical instrument. *Infection Control and Hospital Epidemiology* 2010; 31(2):107-117.
- UK Dept. of Health. *Transmissible spongiform encephalopathy agents: safe working and the prevention of infection.* Guidance from the Advisory Committee on Dangerous Pathogens and the Spongiform Encephalopathy Advisory Committee, 2011 http://www.dh.gov.uk/ab/ACDP/TSEguidance/index.htm
- WHO. Infection Control Guidelines for Transmissible Spongiform Encephalopathies: Report of a WHO consultation .Geneva: World Health Organization, 2000. WHO/CDS/CSR/APH/2000.3.

PRISONS AND PLACES OF DETENTION

• UK Health Protection Agency and Dept. of Health. *Prevention of infection and communicable disease control in prisons and places of detention - A manual for healthcare workers and other staff. London:* UK Health Protection Agency, 2011.

PSEUDOMONAS AERUGINOSA

• UK Dept. of Health. Water sources and potential Pseudomonas aeruginosa contamination of taps and water systems Advice for augmented care unit. London: Department of Health, 2012.

RENAL DIALYSIS

- APIC Elimination Guide: *Guide to the Elimination of Infections in Hemodialysis*. APIC: Washington DC, 2010.
- CDC Guidelines. Recommendations for Preventing Transmission of Infections among Chronic Hemodialysis Patients. *Morbidity & Mortality Weekly Report* 2001;50(RR05);1-43.
- European Best Practice Guidelines for Haemodialysis: Haemodialysis- associated infection. *Nephrology Dialysis Transplantation* 2002; 17 (Suppl 7): 72-87.

- UK Dept. of Health. *Good practice Guidelines for Renal Dialysis/ Transplantation Units- prevention and Control of Blood-borne virus infection.* London: Department of Health, 2002.
- UK Dept. of Heath. *Safer practice in renal medicine A resource for reducing healthcare associated infections such as MRSA .London:* UK Dept. of Heath, 2006.

REUSE OF MEDICAL DEVICES

- Irish Guidelines. *Code of Practice for Decontamination of Reusable Invasive Medical Devices.* Dublin: Health Service Executive, 2009.
- UK Medical Device Agency. *Single-use medical devices: Implications and consequences of reuse.* London: Medical Device Agency, 2000. Device bulletin MDA DB 2000 (04)

SARS

- WHO Alert, verification and public health management of SARS in the post-outbreak period. Geneva, WHO, 2003
- WHO Guidelines on prevention and control of hospital associated infections. New Delhi: WHO Regional Office for South East Asia, 2002. Document no. SEA-HLM-343.

STAFF HEALTH

- APIC position paper: Improving health care worker influenza immunization rates *American Journal of Infection Control* 2004:32:123-125.
- CDC. Updated U.S. Public Health Service guidelines for the management of occupational exposures to HBV, HCV, and HIV and recommendations for post-exposure prophylaxis. *Morbidity and Mortality Weekly Report*. 2001; 50 (RR-11):1-42.
- European Guidelines: Occupational Post-Exposure Prophylaxis Study Group: Towards a standard HIV Post-Exposure Prophylaxis for Healthcare workers in Europe. *Euro surveillance* 2004:9:40-43.
- HPA Guidance. Guidance on viral rash in pregnancy. Investigation, diagnosis and management of viral rash illness, or exposure to viral rash illness in pregnancy. London, Health Protection Agency: 2011.
- International Healthcare Worker Safety Centre. *Preventing Occupational Exposures to Bloodborne Pathogens*. Articles from Advances in Exposure Prevention, 1994-2 003. Charlottesville: The Safety Institute, Premier Inc., 2005.

- PHAC. Prevention and Control of Occupational Infections in Health Care. *Canada Communicable Disease Report* 2002; 28S1.
- SHEA Guideline: SHEA Guideline for Management of Healthcare Workers Who Are Infected with Hepatitis B Virus, Hepatitis C Virus, and/or Human Immunodeficiency Virus. *Infection Control and Hospital Epidemiology* 2010:31(3);203-232
- UK Department of Health. *Health clearance for tuberculosis, hepatitis B, hepatitis C and HIV: New healthcare workers.* Dept. of Health, 2007.
- UK Dept. of Health. *Hepatitis B infected healthcare workers and antiviral therapy.* London: Department of Health, 2007.
- UK Dept. of Health. *Hepatitis C infected healthcare workers* .London: Dept. of Health, 2002.
- UK Dept. of Health. *HIV post-exposure prophylaxis: Guidance from the UK Chief Medical Officers' Expert Advisory Group on AIDS.* London: Dept. of Health, 2008.

(Also refer to section on **BLOOD BORNE VIRAL INFECTIONS** page..)

STERILE SUPPLY DEPARTMENT

- Irish Guidelines. Standards and Recommended Practices for Central Decontamination Units. Health Service Executive, 2011
- Scottish Health Planning Note 13. Part 2. Decontamination Facilities: Local Decontamination Units. Health Facility Scotland, 2008.
- UK Dept. of Health. Health Building Notes (HBN) 13: *Sterile Service Department*. Norwich: The Stationary Office, 2004. ISBN 011 322492

STREPTOCOCCAL INFECTIONS (GROUP A)

• The British Infection Association. Guidelines for prevention and control of group A streptococcal infection in acute healthcare and maternity settings in the UK. *Journal of Infection* 2012; 64:1-18.

SURGICAL SITE INFECTIONS

- APIC Elimination Guide: *Guide to the Elimination of Orthopaedic Surgical Site Infections.* APIC: Washington DC, 2010.
- APIC Elimination Guide: *Guide for the prevention of Mediastinitis Surgical Site Infections following Cardiac Surgery*. APIC: Washington DC, 2008.

- Hospital Infection Society. Behaviours and rituals in the Operating Theatre. *Journal of Hospital Infection* 2002; 51:241-255.
- Hospital Infection Society. Guidelines on the facilities required for minor surgical procedures and minimal access interventions. *Journal of Hospital Infection*. 2012;80:103-109
- NICE Guideline. *Surgical Site Infection: Prevention & treatment*. London: National Institute for Clinical Excellence, 2008.
- SHEA/IDSA Practice Recommendation: Strategies to Prevent Surgical Site Infections in Acute Care Hospitals. *Infection Control and Hospital Epidemiology* 2008; 29(Supplement 1): S 51-S61.

(Also refer to section on **OPERATING THEATER** on page 28).

SURVEILLANCE & OUTBREAKS

- APIC Guidelines: Recommended practices for surveillance: Association for Professionals in Infection Control and Epidemiology (APIC), Inc. *American Journal of Infection Control*. 2007: 35 (7); 427-440.
- CDC/NHSN surveillance definition of health care-associated infection and criteria for specific types of infections in the acute care setting. *American Journal of Infection Control* 2008; 36; 309-32.
- Glenister HM, Taylor LJ, Cooke EM, Bartlett CLR. *A Study of Surveillance Methods for Detecting Hospital Infection*. London: Public Health Laboratory Services, 1992.
- HICPAC: Guidance on Public Reporting of Healthcare-Associated Infections: Recommendations of the Healthcare Infection Control Practices Advisory Committee. *Infection Control and Hospital Epidemiology* 2005; 26(6):580-587.
- HIS Prevalence Survey Steering Group. Four country healthcare associated infection prevalence survey 2006: overview of results. *Journal of hospital infection* 2008; 69:203-248.
- PIDAC. Best Practices for Surveillance of Health Care-associated Infections in Patient and Resident Populations. Ontario: Provincial Infectious Diseases Advisory Committee, 2011.
- US Joint Commission. *Clinical Care Improvement Strategies: Preventing Surgical Site Infections* (PDF book). Oak Brook, IL: Joint Commission Resources, 2010.

TUBERCULOSIS

• CDC. Guidelines for Preventing the Transmission of *Mycobacterium tuberculosis* in Health-Care Settings, 2005. *Mortality and Morbidity Review* 54; RR-17.December 30, 2005.

- Health Protection Surveillance Centre . *Guidelines on the Prevention and Control of Tuberculosis in Ireland 2010*. Dublin: Health Protection Surveillance Centre, 2010.
- Hopewell PC *et al*. International Standards for Tuberculosis. *Lancet Infectious Diseases*; 2007; 6: 710-25.
- NICE Guidelines 33. Tuberculosis: *Clinical diagnosis and management of tuberculosis, and measures for its prevention and control*. London: National Collaborating Centre for Chronic Conditions, 2011.
- Tuberculosis Coalition for Technical Assistance (TBCTA). *Implementing the WHO Policy on TB infection Control-* A framework to plan, implement and scale-up TB infection control activities at country, facility and community levels. 2012. http://www.tbcare1.org/publications/
- Tuberculosis Prevention and Control, Public Health Agency of Canada, Canadian Lung Association/Canadian Thoracic Society. Canadian Tuberculosis Standards, 2007.
- UK Dept. of Health. *Health clearance for tuberculosis, Hepatitis B, Hepatitis C and HIV: New health care workers.* London: Department of Health, 2007.
- WHO. WHO policy on TB infection controls in health-care facilities, congregate settings and households. Geneva: WHO, 2009.

UNIFORM and WORKWEAR

- UK Dept. of Health. Health Service Guidance {HSG} (95)18: *Hospital laundry arrangements for used and infected linen.* London: Department of Health, 1995.
- UK Dept. of Health. Loveday HP, Wilson JA, , Hoffman PN and Pratt RJ. Public perception and the social and microbiological significance of Uniforms in the prevention of healthcare-associated infections: an evidence review. *British Journal of infection Control.* 2007:8(4), 10-21.
- UK Dept. of Health. *Uniforms and workwear: an evidence base for developing local policy*. London: Dept. of Health, 2007.
- UK Dept. of Health. Wilson JA, Loveday HP, Hoffman PN and Pratt SRJ. Uniform: an evidence review of the microbiological significance of uniform policy in the prevention and control of healthcare-associated infections. Report to the Department of Health (England). *Journal of hospital infection*. 2007:66, 301-307.

URINARY TRACT INFECTION

• APIC Guide: Guide to the Elimination of Catheter-Associated Urinary Tract Infections (CAUTIs); Developing and Applying Facility-Based Prevention

- Interventions in Acute and Long-Term Care Settings, 2008. Washington DC: APIC Headquarters, 2008.
- epic2: Guidelines for preventing infections associated with the use of short-term urethral catheters *Journal of Hospital Infection* 2007; 65S: S28-S33.
- European and Asian guidelines on management and prevention of catheter-associated urinary tract infections. *International Journal of Antimicrobial Agents* 2008: 31S; S68-S78.
- European Association of Urology. *Guideline on urological infections*. European Association of Urology, 2009.
- HICPAC. Guideline for prevention of catheter-associated urinary tract infections 2009,
- International Clinical Practice Guidelines from the Infectious Diseases Society of America. Diagnosis, Prevention, and Treatment of Catheter Associated Urinary Tract Infection in Adults: 2009. *Clinical Infectious Diseases* 2010; 50:625–663
- Joint Commission. *Preventing Catheter-Associated Urinary Tract Infections.* Illinois Joint Commission Resources, 2011.
- NHS Scotland. Best Practice Statement: Urinary Catheterisation & Catheter Care. Edinburgh: NHS Quality Improvement Scotland, 2004. ISBN 1-84404-284-5
- SHEA Position Paper. Urinary Tract Infections in Long-Term-Care facilities. *Infection Control and Hospital Epidemiology* 2010; 167:167-175.
- SHEA/IDSA Practice Recommendation: Strategies to Prevent Catheter-Associated Urinary Tract Infections in Acute Care Hospitals. *Infection Control and Hospital Epidemiology* 2008; 29, Supplement 1: S 41-S50
- The Joint Commission. *Preventing Catheter-Associated Urinary Tract Infections* (PDF book). Oak Brook, IL: Joint Commission Resources, 2011. ISBN: 978-1-59940-605-3
- UK Department of Health. Guidelines for preventing infections associated with the insertion and maintenance of short-term indwelling urethral catheters in acute care. *Journal of Hospital Infection* 2001; 47 (supplement): S39-S46.
- WHO & Internal Union against Cancer. Naber KG et al) eds . Nosocomial and health care associated infections in Urology. Plymouth: Health Publication Ltd, 2001.ISBN 1 8984 52 50 4

VANCOMYCIN RESISTANT ENTEROCOCCI

- HIS Working Party Report: Guidelines for the control of glycopeptide resistant enterococci (GRE) in hospital. *Journal of Hospital Infection*; 2006: 62:6-21.
- PHAC. Preventing the Spread of Vancomycin-Resistant Enterococci (VRE) in Canada. Canada Communicable Disease Report 1997; 23S8.

• Queensland Health Protocol for the Management of Patients with Vancomycin Resistant *Enterococcus* (VRE). Australian Commission on Safety and Quality in Health Care, 2011.

(Also refer to section on **MULTI-DRUG RESISTANT ORGANISMS** on page 26)

VENTILATOR-ASSOCIATED PNEUMONIAS

- American Thoracic Society & IDSA. Guidelines for the management of adults with Hospital-acquired, Ventilator-associated, and Healthcare-associated Pneumonia. *American Journal of respiratory and Critical Care Medicine* 2005; 171:388-416.
- APIC Guide. *Guide to the Elimination of Ventilator-Associated Pneumonia.* Washington: APIC, 2009.
- BSAC Guidelines for the management of hospital-acquired pneumonia in the UK: Report of the Working Party on Hospital-Acquired Pneumonia of the British Society for Antimicrobial Chemotherapy. *Journal of Antimicrobial Chemotherapy* 2008; 62:5-34
- CDC/NHSN definition: Ventilator-Associated Event (VAE) for use in adult patients (≥18 years). 2013. http://www.cdc.gov/nhsn/PDFs/pscManual/10-VAE_FINAL.pdf
- European Guideline: Defining, treating and preventing hospital acquired pneumonia: European perspective. *Intensive Care Medicine*, 2009; 35:9–29.
- International Scientific Forum on Home Hygiene. *The infection risks associated with clothing and household linens in home and everyday life settings, and the role of laundry*, London: International Scientific Forum on Home Hygiene, 2011.
- Irish Guideline: Health Protection Surveillance Centre. *Guidelines for the prevention of ventilator associated pneumonia in adults in Ireland*. Dublin: Health Protection Surveillance Centre, 2011.
- SHEA/IDSA Practice Recommendation: Strategies to Prevent Ventilator-Associated Pneumonia in Acute Care Hospitals. *Infection Control and Hospital Epidemiology* 2008; 29 (Supplement 1): S 31-S40.

VIRAL HAEMORRHAGIC FEVERS

- Irish Guidelines. *The Management of Viral Haemorrhagic Fevers in Ireland*. Dublin, National Disease Surveillance Centre, 2002.
- PHAC. Canadian Contingency Plan for Viral Haemorrhagic Fevers and Other Related Diseases. *Canada Communicable Disease Report* 1997; 23S1.

- UK Advisory Committee on Dangerous Pathogens .Management of Hazard Group 4 viral haemorrhagic fevers and similar human infectious diseases of high consequence. London: Dept. of Health, 2012.
- WHO and CDC. Ebola Guide: Infection Control for Viral Hemorrhagic Fevers (VHFs) in the African Health Care Setting (including Lassa Fever, Rift Valley Fever, Ebola, Marburg, Yellow Fever) Isolation Precautions. Progressive Management, 2012. Kindle edition only.
- WHO and CDC: *Infection control for viral haemorrhagic fevers in the African health care setting.* Geneva: World Health Organization, 1998.

WASTE MANAGEMENT

- CDC. Guidelines for environmental infection control in health-care facilities: recommendations of CDC and the Healthcare Infection Control Practices Advisory Committee (HICPAC). *Morbidity and Mortality Weekly Report* 2003; 52 (No. RR-10): 1–48.
- UK Dept. of Health. *Safe management of healthcare waste*. London: Dept. of Health, 2011.
- WHO. Better Health Care Waste Management. Amman; World Health Organization and the World Bank, 2005. ISBN 92 9021 3 89 2
- WHO. *Safe Management of Wastes from Health-care Activities*. Geneva, World Health Organization, 1998. WHO/EOS/98.6.
- WHO. *Safe management of wastes from health-care activities*. Geneva: World Health Organization, 1999. ISBN 924154259.
- WHO. *Teacher's guide: management of wastes from health-care activities*. Geneva, World Health Organization, 1998.

BOOKS

ANTISEPTIC, DISINFECTION & STERILIZATION

- American National Standard. *Comprehensive guide to Steam sterilization and sterility assurance in healthcare facilities* (ANSI/AAMI). Arlington: Association for the Advancement of medical Instrumentation, 2006. ISBN 1570202567
- APIC. Disinfection, Sterilization and Antisepsis: Principles, Practices, Challenges & New Research. Washington DC: Association for Professionals in Infection Control and Epidemiology, 2007. ISBN: 1 933013 24 9.
- Block SS. *Disinfection, sterilization and preservation.* 5th ed. Philadelphia: Lippincott Williams & Wilkins, 2001. ISBN 0 683 30740 1
- Fraise AP, Maillard J-Y & Sattar S. (eds). Russell, Hugo & Ayliffe's. Principles and practice of disinfection, preservation and sterilization. 5th ed. Wiley-Blackwell; 2012.
- Hoffman P, Bradley C & Ayliffe GAJ. *Disinfection in Healthcare*. 3rd Edition. Oxford: Blackwell Publishing, 2005.
- Huys J. Sterilization of Medical Supplies by Steam Volume 1: General Theory. 2nd edition. Renkum: Heart consultancy, 2004. ISBN 90 75829 04 3
- *Hygiene in Hospital and Practice*. 3rd edition. Wiesbaden: Mhp-Verlag GmbH, 2005.
- Manivannan G. Disinfection and Decontamination: Principles, Applications and Related Issues. CRC Press, 2007.
- McDonnell G & Sheard D. *A practical Guide to Decontamination in Healthcare*. Oxford: Wiely Blackwell, 2012.
- McDonnell G. *Sterilization Disinfection and Antisepsis*. American Society for Microbiology Press, 2007
- Reichert M & Young JH. *Sterilization Technology for the Health Care Facility.* 2nd ed. Maryland: Aspen Publication, 1997.

BIOTERRORISM

- Dag KJE von Lubitz. *Bioterrorism: Field guide to Disease identification and initial patient management.* Florida: CRC Press, 2004. ISBN 0849320305.
- DeClercq E, Kern ER (eds). *Handbook of Viral Bioterrorism and Biodefence*. Elsevier, 2003. ISBN 0444 513264.

- Henderson DA et al.(ed). Bioterrorism: Guidelines for Medical & Public Health Management. Chicago: JAMA & Archives Journals, 2002. ISBN 157947280 X.
- Linder LE *et al. Biological Weapons defence: Infectious Disease and Counterbioterrorism.* New Jersey: Humana Press, 2004. ISBN 1588291847.
- Roy MJ (ed). *Physician's Guide to terrorist attack.* Humana Press, 2004.
- WHO. *Public Health Response to Biological and Chemical Weapons*: WHO Guidance. Geneva, 2004. ISBN 9241546158

COMMUNITY & LONG-TERM FACILITIES

- APIC: *Infection Prevention Manual for Ambulatory Surgery Centers*. Washington DC: Association for Professionals in Infection Control and Epidemiology, 2011.
- APIC: *Infection Prevention Manual for Behavioral Health*, 2nd ed. Washington DC: Association for Professionals in Infection Control and Epidemiology, 2012.
- APIC: *Infection Prevention Manual for Home Health Care, 2nd ed.* Washington DC: Association for Professionals in Infection Control and Epidemiology, 2012.
- Ayling P. Knowledge Sets in Infection Prevention and Control: Great Value on a Key Training Resource for Adult Social Care (Knowledge Sets). Heinemann Educational Publishers, 2007. ISBN 10: 043540234X
- Cimolai N & Cimolai DJ. *Practical Infection Control: A healthcare Professional & Community Resource Guide.* British Colombia: populous Production and Publication, 2012.
- Kendell KJ. Practical Approaches to Infection Control in Residential Aged Care 2nd ed. Victoria: Ausmed Publications, 2003. ISBN 0957987609
- Lawrence J and May D. *Infection Control in Community.* London: Churchill Livingston, 2003. ISBN 4430 6406 7
- Rhinehart E, Friedman MM. *Infection Control in Home Care*.2nd edition. Jones and Bartlett. 2005.
- Tilmouth T. Safe and Clean Care: Infection Prevention and Control for Health and Social Care Students. Reflect Press Ltd: 2009. ISBN-10 1906052085
- Yoshikawa TT and Ouslander JG (eds). *Infection Management for Geriatrics in Long-term Care Facilities*. Marcel Dekker Ltd, 2002. ISBN 0824707842

DENTISTRY

- Dietz-Bourguignon E & Badavinac R. *Safety Standards and Infection Control for Dental Hygienists*. Delmar Cengage Learning, 2002. ISBN-13: 978-0766826601
- Miller CH & Palenik CJ. Infection *Control and Management of Hazardous Materials for the Dental Team*, 5th ed. Mosby; 2013. ISBN-10: 0323056318
- Molinari JA & Harte JA. *Cottone's Practical Infection Control in Dentistry*. Lippincott Williams and Wilkins, 2009. ISBN-13: 978-0781765329
- Pankhurst C & Coulter W. Basic Guide to Infection Prevention and Control in Dentistry. Wiley Blackwell 2009. ISBN-10: 1405176628
- Porter K. *The Dental Nurses' Guide to Infection Control & Decontamination*. London: Quay Books; 2008. ISBN 185642 360 3

HEALTHCARE ASSOCIATED INFECTIONS

- APIC: *Infection Prevention Manual for Hospitals*. Washington DC: Association for Professionals in Infection Control and Epidemiology, 2010.
- APIC TEXT of infection control and Epidemiology 3rd. Washington DC: Association for Professionals in Infection Control and Epidemiology, 2009. ISBN: 1 933013 44 3
- APSIC. Ling ML, Ching T and Seto WH. A Handbook of Infection Control for the Asian Healthcare Worker 3rd edn. Asia Pacific Society of Infection Control (APSIC), 2011. http://apsic.info/documents/A-Handbook-of-Infection-Control-for-the-Asian-Healthcare-Worker.pdf
- Arias KM and Soule BM (eds). APIC/JACHO. Infection Control Workbook. Joint Commission, 2005. ISBN: 0866889140
- Ayliffe GAJ, English MP. *Hospital-acquired infection: from Miasmas to MRSA*. Cambridge: Cambridge University Press, 2003. ISBN 0521531780
- Charney W (ed). *Epidemic of Medical Errors and Hospital-Acquired Infections*. Florida: CRC Press, 2012. ISBN-10: 1420089
- Damani NN. *Manual of Infection Control Procedures*, 3rd ed. Oxford: Oxford University Press, 2012. ISBN 978 0 19 969835 6.
- Elliott P. (ed). *Infection Control: A Psychosocial Approach to Changing Practice.* Oxon: Radcliffe Publishing Ltd, 2009. ISBN-10:1857756126
- Farb D and Gordon B. *Infection Control in Healthcare Facilities Guidebook: A Concise Compliance Guide for Healthcare Staff and Management.* University of HealthCare, 2006. ISBN 1594912912

- Filetoth Z. *Hospital acquired Infections.* London: Whurr Publishers. 2003 ISBN 1 86156 344 2.
- Fraise AP & Bradley C (editors). Ayliffe's *Control of Healthcare associated Infection* (5th edition). Hodder Arnold; 2009. ISBN 9780340914519
- Friedman C & Newsom W (ed). *Basic concepts of infection Control*. International Federation of Infection Control, 2011. ISBN 978 0 9555861 01
- Gould D & Brooker C. *Infection Prevention and Control: Applied Microbiology for Healthcare* 2 edition. Palgrave Macmillan; 2008. ISBN-10 0230507530
- Jarvis WR(ed). *Bennett & Brachman's Hospital infections*, 5th edn. Philpelphia: Lippincott Willims & Wilkins.2007. ISBN 13: 978 0 7817 6383 7.
- Kennarmer M. *Basic Infection Control for Healthcare Providers* 2nd ed. Thomson Delmar Learning, 2006. ISBN 141801978X
- Lautenbach E, Woeltje K. A & Malani PN (ed). *Practical Healthcare Epidemiology.* 3rd edn. Chicago: The University Press Chicago, 20111. ISBN 13 978 226 47102 0
- Mathur P. *Hospital acquired infections –prevention and control*. New Delhi: Lippincott Williams & Wilkins, 2010.
- Mayhall CG (ed). *Hospital Epidemiology and Infection Control*, 4th ed. Philadelphia: Lippincott Williams & Wilkins, 2011 .ISBN 978-1608313006
- Mehtar S. *Understanding Infection Control Prevention & Control*. Cape Town: Juta Publication, 2010. ISBN 970 0 7021 8059 0
- Minnaar A. *Infection Control Made Easy: A Hospital Guide for Health Professionals*. Juta Legal and Academic Publishers; 2008. ISBN-10: 0702177202
- Muralinder V and Muralinder S. *Hospital Acquired Infections: Power Strategies for Clinical Practice.* Kent: Anshan Limited, 2007. ISBN 978 1 905740550
- Nasso J and Celia L. *Home Care Aide In-Service Module: Infection Control.* Thomson Delmar Learning, 2005 .ISBN 1401897584
- Perry C. *Infection Prevention and Control*. London: Blackwell Publishing, 2007. ISBN 13:978-1405140386
- Soule BM, Memish ZA and Malani PN(ed). *Best Practice in Infection Control: An International Perspective* (2nd eds). Illinois, Joint Commission International and Society for Healthcare Epidemiology of America, 2012. ISBN 978 1 58840 619 0

- Tietjen L, D Bossemeyer and N Mcintosh. *Infection Prevention for Healthcare Facilities with Limited Resources. Problem-Solving Reference Manual.* (Book and Training video), Baltimore: JHPIEGO Corporation, 2003. http://www.jhpiego.org
- Wenzel R, Brewer T and Butzler J-P (eds). A Guide to Infection Control in the Hospital, 3rd ed. Hamilton: B C Decker, 2004. ISBN 0 9749031 0 8
- Wenzel RP (ed). *Prevention and Control of Nosocomial Infections.* 4th ed. Baltimore, MD: Williams & Wilkins, 2003 .ISBN 0 7817 3512 2
- Weston D. Infection Prevention and Control: Theory and Practice for Healthcare Professionals. Oxford: John Wiley & Sons, 2008. ISBN 13: 978-0470059074
- Wilson J. Infection Control in Clinical Practice. 3rd ed. London: Bailliere Tindall, 2006. ISBN 0702027618
- Zelman M & Milne-Zelman C. *Infection Control and Safety*. Prentice Hall, 2013. ISBN-10: 0133045668

HEALTHCARE BUILDING

- American Institute of Architects: Guidelines for Design and Construction of Hospital and Health Care Facilities. Washington DC: The American Institute of Architects, 2010.
- APIC Toolkit: *Construction and Renovation* 3rd ed. Washington DC: Association for Professionals in Infection Control and Epidemiology, 2007. ISBN 1 933013 26 5
- Boss MJ and Day DW (eds). *Biological Risk Engineering Handbook:* Infection Control and decontamination. Boca Raton: Lewis Publishers, 2003.
- Dept. of Health Technical Memorandum 03-01. Specialised ventilation for healthcare premises. Part A: design and validation. Part B: Operational management and performance verification. Department of Health, Estates and Facilities Division. London: The Stationery Office, 2007.
- Hansen W. Infection Control during Construction Manual: Policies, Procedures & Strategies for Compliance. HCPRO Inc, 2004. ISBN: 1578393795
- Joint Commission Resources *.Infection Prevention and Control Issues in the Environment of Care.* 2nd ed. Illinois: Joint Commission Resources, 2011. ISBN-13: 978-1599403038
- Kowalski W. *Hospital Airborne Infection Control*. Florida: CRC Press, 2012. ISBN 978 1 4398 21961
- Kowalski WJ. *Aerobiological Engineering Handbook. Airborne diseases and control technologies* McGraw Hill Higher Education, 2006. ISBN 0071402454

- Martin JB, Dennis WD, Roger FJ. (eds). Biological Risk Engineering Handbook: Infection Control and Decontamination. Lewis Publishers, 2002. ISBN 1566706068
- UK NHS Estates. *Infection Control in the Build Environment.* London: The Stationary Office, 2002: ISBN 011 322086 3

IMMUNIZATION

- PAHO & WHO. *Recent advances in Immunization* 2nd edition. Washington; Pan American Organization & World Health Organization, 2006. ISBN 9275116199
- UK Department of Health. Immunization against Infectious Disease. London: The Stationary Office, 2006. For updates visit http://webarchive.nationalarchives. gov.uk/

INFECTIOUS & COMMUNICABLE DISEASES

- Cohen J et al (eds). Infectious Diseases 2nd ed. London: Elsevier Mosby, 2010. ISBN-13: 978-0323045797
- Giesecke J. Modern Infectious Disease Epidemiology. 2nd ed. London, Arnold, 2002.
- Gorbach SL, Bartlett JG and Blacklow NR. (eds). *Infectious Diseases*. 3rd ed. Baltimore: Lippincot Williams & Wilkins, 2004. ISBN 0781733715
- Hawker J et al (eds). *Communicable Disease Control and Health Protection Handbook* 3rd ed. Chichester: Wiley-Blackwell, 2012.
- Heymann DL. *Control of communicable disease manual,* 19th ed. Washington: American Public Health Association, 2008. ISBN 0875530346
- Kasper DL & Fauci AS (eds). Harrison's Infectious Diseases. McGraw-Hill, 2010.
- Mandell G L, Bennett J E and Dolin R. (eds) Principles and Practice of Infectious Diseases, 7th ed. New York: Elsevier Churchill Livingstone, 2009.
- Noah N. *Controlling Communicable Disease: Understanding Public Health*. Open University Press, 2006. ISBN-13: 978-0335218448
- WHO. Communicable disease control manual in emergencies: a field manual. Geneva: World Health organization, 2005. ISBN 92 4 1546166
- Yung A et al (eds). Infectious Diseases: A practical Approach, 3rd ed. Victoria: IP Communications, 2005. ISBN 095786177X

INTENSIVE CARE UNIT

- Van Saene HFK, Silvestri L and De LACal MA (eds). Infection Control in the Intensive Care Unit (2nd edition). Topics in Anaesthesia and Critical Care). Milan: Springer Verlag, 2005. ISBN 88 470 0185 4
- Weinstein RA and Bonten M (ed). *Infection Control in the ICU Environment*. Boston: Kluwer Academic Publishers, 2002.

INTERNATIONAL TRAVEL

- CDC Health Information for International Travel 2014 (CDC Health Information for International Travel: The Yellow Book. OUP USA 2013.
- WHO. International Travel and Health 2012. Geneva, WHO, 2012.

LABORATORY ACQUIRED INFECTIONS

- UK Dept. of Health & DEFRA. *Biological agents: Managing the risks in laboratories and healthcare premises.* Norwich: The Stationary office, 2005.
- UK Health & Safety Executive. *Safe working and the prevention of infection in laboratory.* Norwich: HSE Book, 2003. ISBN 0717622932

PAEDIATRIC INFECTIOUS DISEASES

- American Academy of Paediatrics. *Report of the Committee on Infectious Diseases: Red Book: 2012 (*29th ed). American Academy of Paediatrics, 2012.
- Feigin and Cherry's Textbook of Pediatric Infectious Diseases 6th ed. Saunders, 2009.
- Grossman LB (eds). *Infection Control in Child Care Centre and Preschool.* 7th ed. New York: Demos Medical 1012. ISBN 9781936287642
- Long SS *et al* (eds). Principles and Practice of Pediatric Infectious Diseases, 4th edn. Elsevier, 2012.
- Manual of Childhood Infections: The Blue Book. Oxford: Oxford University Press, 2011.
- Remington JS *et al* (ed). *Infectious Diseases of Fetus and Newborn Infant*. 7th eds. Saunders, 2010.

SURGICAL SITE INFECTIONS

- Gruendemann BJ and Mangum SS. *Infection Prevention in Surgical Settings.* Philadelphia: W B Saunders, 2001. ISBN 0 7216 9035 1
- Williams JD and Taylor EW. *Infection in Surgical Practice*. London: Arnold: 2003. ISBN 0340763051

SURVEILLANCE & OUTBREAK CONTROL

- Anderson R. Outbreak: Cases in Real-World Microbiology. ASM Press, 2006.
 ISBN: 978 1 55581 366 6
- APIC: Surveillance Program in Healthcare settings 2nd ed. (with CD ROM)
 Washington DC: Association for Professionals in Infection Control and
 Epidemiology, 2007.
- Arias KM. *Outbreak Investigation, Prevention, and Control in Health Care Settings: Critical Issues in Patient Safety* 2nd ed. Jones and Bartlett Publishers, 2008.

CERTIFICATION & DEGREE COURSES

CERTIFICATION BOARD OF INFECTION CONTROL AND EPIDEMIOLOGY

The Certification Board of Infection Control and Epidemiology, Inc. (CBIC) is a voluntary, autonomous multidisciplinary board that provides direction for and administers the certification process for professionals in infection control and applied epidemiology. For further information please visit web site: http://www.cbic.org/

Contact details: Certification Board of Infection Control and Epidemiology 555 E. Wells St. Suite 1100, Milwaukee, WI 53202, USA

Tel: + 414-918-9796 Fax: + 414-276-3349 Email: info@cbic.org

MSc & POSTGRADUATE DIPLOMA IN HEALTHCARE INFECTION CONTROL

The distance learning MSc and Postgraduate Diploma in Healthcare Infection Control developed by the University College in association with Healthcare Infection Society and the UK Health Protection Agency. For further information please visit web site: http://www.ucl.ac.uk/infection-immunity/study/post_stu/pgrad_HAIC

Programme Director: Dr Susan Hopkins Tel: +44 (0) 20 7794 0500 ext. 33271 Email: susan.hopkins [at] ucl.ac.uk

Programme Administrator: Miss Sangita Patel

Tel: +44 (0) 20 7794 0500 ext 33539

Fax: +44 (0) 20 7794 0433 Email: sangita.patel [at] ucl.ac.uk

MSc & POSTGRADUATE DIPLOMA IN INFECTION CONTROL

This course is developed by the academic unit for Infection Prevention and Control, Tygerberg hospital and faculty of Health Sciences, Stellenbosch University, South Africa. For further information please visit web site: http://www.sun.ac.za/uipc

Programme Director: Prof Shaheen Mehtar Tel no: +27 21 938 5051 OR +27 21 938 5054

E-mail: smehtai@sun.ac.za

Course Administrator: Candice de Mink

Tel no: +27 21 938 5619 E-mail: cdemink@sun.ac.za

WEB SITE ADDRESSES

EVIDENCE BASED PRACTICE

Cochrane Collaboration	http://www.cochrane.org/
Joanna Briggs Institute	http://www.joannabriggs.edu.au/
National Guideline Clearing House	http://www.ngc.gov
National Institute for Clinical Evidence (NICE)	http://www.nice.org.uk
National Resource for Infection Control (NIRC)	http://www.nric.org.uk/
Scottish Intercollegiate Guidelines Network (SIGN)	http://www.sign.ac.uk/

JOURNALS & NEWSLETTERS

http://www.aricjournal.com/
http://www.ajicjournal.org/
http://www.aica.org.au/
http://www.chica.org/inside_cjic_journal.html
http://www.searo.who.int/
www.hpa.org.uk/cdph/
www.hpa.org.uk/cdr/
http://www.cdc.gov/ncidod/EID/
http://www.eurosurveillance.org/
http://www.journals.uchicago.edu/IC HE/home.html
http://www.infectioncontrolresource .org/
http://www.ijic.info/
http://www.journalofhospitalinfection.com/
http://bji.sagepub.com/
www.cdc.gov/mmwr/
www.who.int/wer/

ORGANIZATIONS & REGULATORY BODIES

Advisory Committee on Dangerous Pathogens	http://www.hse.gov.uk
American College of Occupational and Environmental Medicine	http://www.acoem.org/
American Society for Microbiology	http://www.asm.org/
Association des infirmieres en prevention des infections (AIPI)	http://www.aipi.qc.ca/
Association of Peri-Operative Registered Nurses (AORN), USA	www.aorn.org
Association for Professionals in Infection Control and Epidemiology (APIC), USA	www.apic.org
Asia Pacific Society of Infection Control (APSIC)	http://apsic.info/
Australian Infection Control Association	http://www.aica.org.au/
Baltic Network Infection Control	http://www.balticcare.org/Links.htm
British Travel Health Association	www.btha.org
Centre for Disease Control & Prevention (CDC) USA	www.cdc.gov
Certification Board of Infection Control and	http://www.cbic.org/
Epidemiology Inc.	
Chilean Society of Infection Control and Hospital Epidemiology	http://www.sociedad-iih.cl/
Communicable Disease Surveillance Centre (CDSC) N Ireland	www.cdscni.org.uk
Communicable Disease Surveillance & Response (WHO)	http://www.who.int/csr/en/
Community and Hospital Infection Control Association (CHICA), Canada	www.chica.org
Danish Society of Hospital Hygiene and Sterile Supply	http://www.dkcs.dk/
Danish Society of Infection Control Nurses (DSICN)	http://www.hygiejnesygeplejerske.d k/
Dutch Working Party on Infection Prevention (WIP)	http://www.wip.nl/UK/
European Centre for Disease Prevention and Control (ECDC)	http://www.ecdc.europa.eu/
European Operating Room Nurses Association (EORNA)	www.eorna.org
European Society of Clinical Microbiology and Infectious Diseases (ESCMID)	www.escmid.org
Finnish Society for Hospital Infection Control	http://www.sshy.fi/
German Society for Hospital Hygiene	http://www.dgkh.de/
Global Infectious Diseases and Epidemiology	www.gideononline.com/
Health Canada Disease Prevention and Control Guidelines	www.hc-sc.gc.ca/
Health Protection Agency (HPA) ,UK	www.hpa.org.uk/
Health Protection Agency, Scotland	Health Protection Agency, Scotland

Healthcare Infection Society, UK	www.his.org.uk
Hellenic Society for the Control of Nosocomial Infections and Healthcare Quality Assurance	http://www.infection.gr/DesktopDefault.aspx
Hong Kong Infection Control Nurses Association	http://www.hkicna.org/
Hospital in Europe Link for Infection Control through Surveillance (HELICS)	http://helics.univ- lyon1.fr/helicshome.htm
Hospital Infection Society of India	iyon1.ii/ilenesilone.iiciii
Infection Control Society Pakistan (ICSP)	http://hisindia.org/ http://infectioncontrolsociety.org
infection control society i axistan (1631)	nttp.//infectioncontrolsociety.org
Infection Control Association, Singapore	http://www.icas.org.sg/
Infection Control African Network (ICAN)	http://www.icanetwork.co.za/
Infection Prevention Society (IPS)	www.ips.uk.net
Infectious Diseases Research Network (IDRN)	http://www.idrn.org/
Infectious Diseases Societies Worldwide	www.idlinks.com/
Infectious Diseases Society of America	http://www.idsociety.org/
Infectious Diseases Society of Pakistan (IDSP)	http://www.idspak.org/
Institute of Decontamination Sciences (IDSc)	http://www.idsc-uk.co.uk/
Institute of Health Improvement, USA	http://www.ihi.org/
International Federation of Infection Control (IFIC)	www.theific.org
International Nosocomial Infection Control Consortium (INICC)	http://www.inicc.org/
International Scientific Forum for Home Hygiene (IFH)	http://www.ifh- homehygiene.org/
International Sharps Injury Prevention Society	http://www.isips.org/
International Society for Infectious Diseases	www.isid.org
International Society of Travel Medicine	www.istm.org
Joint Commission	http://www.jointcommission.org/
La Asociacion Argentina de Enfermeros en Control de Infecciones (ADECI)	http://www.adeci.org.ar/
Medicine and Healthcare products Regulatory Agency (MHRA)	www.mhra.gov.uk
National Disease Surveillance Centre, Republic of Ireland	http://www.hpsc.ie/hpsc/
National Division of Infection Control Nurses (NDICN	http://www.infectioncontrol.co.nz/home/
National Electronic Library of Infection (NELI)	http://www.neli.org.uk/
National Foundation for Infectious Diseases, (USA)	www.nfid.org/

National Prion Clinic	www.nationalprionclinic.org
Occupational Safety & Health Administration (OSHA), USA	www.osha.gov
Pan American Health Organization	www.paho.org
Philippine Hospital Infection Control Society (PHICS)	http://www.phics.org.ph/site/
Public Health Agency of Canada	http://www.phac-aspc.gc.ca/
Public Health Agency, N. Ireland	http://www.publichealth.hscni.net/
Robert Koch Institute	http://www.rki.de/
Societa Italiana Multidisciplinare per la Prevenzione delle Infezioni nelle Organizzazioni Sanitarie (SIMPIOS)	http://www.idspak.org/
Society for Healthcare Epidemiology of America (SHEA),USA	www.shea-online.org
Society of Practitioners of Infection Control of Egypt (SPIC-Egypt)	http://www.spicegypt.org/joomla/
Swedish Association for Infection Control (SAIC)	http://www.sfvh.se/
Turkish Society for Infectious Diseases and Clinical Microbiology Specialty	http://www.ekmud.org/tr/mainPag e.asp
UK Dept. of Health (reducing HCAI)	1 (f) 1.11 1.7
US Food and Drug Administration, USA	http://hcai.dh.gov.uk/ http://www.fda.gov/
Webber Training	http://webbertraining.com
World Forum for Hospital Sterile Supply	www.wfhss.com
World Health Organization (WHO)	www.who.int/

INDEX

A

Abbreviations, 4
Acinetobacter baumannii, 26
Air Travel, 7
Ambulance Services, 7
Animals in Healthcare Settings, 7
Antimicrobial Resistance and Stewardship, 7
Antiseptic & disinfection, 14, 37
Audits tools, 8
Autopsy (Post-mortem), 26

B

Bench top sterilizers, 15 Bioterrorism, 37 Blood Borne Viral Infections, 8

Books 37

Antiseptic, disinfection & Sterilization, 37
Bioterrorism, 37
Community & Long Term-facilities, 38
Dentistry, 39
Healthcare Associated Infections, 39
Healthcare Building, 41
Immunization, 42
Infectious & Communicable Diseases, 42
Intensive Care Unit, 43
International Travel, 43
Laboratory Acquired Infections, 43
Paediatrics Infectious Diseases, 43
Surgical Site Infections, 44

Surveillance & Outbreak Control, 44 Building Design, 9, 41

Burden of HCAIs, 10

C

Carbapenem Resistant Enterobacteriaceae (CRE), 26

Care Bundles, 11

Peripheral IV Cannula
Central Venous Catheters
Clostridium difficile
MRSA
Renal dialysis Catheters
Surgical Site Infections
Catheter- associated UTI
Ventilator Associated Pneumonias

Catheter-associated UTIs, 33
Clostridium difficile Infections, 11
Community Infection Control, 13, 38
Competencies Tools, 22,41
Construction and renovation, 9
Cost of HCAIs, 10
Courses on HCAIs, 45
Creutzfeldt - Jakob disease (CJD),
Cystic Fibrosis, 13

D

Definitions of HCAIs, 14 Dentistry, 14, 39 Diarrhoea, 18 Disasters & Emergency, 15 Disinfection & Sterilization, 14, 37

E

Emergency & Disasters, 15
Endoscope decontamination, 16
Enteral feeding, 17
Environmental cleaning, 17
ESBL, 26
Evidence based practice web sites, 46

F

Food handlers, 17 Food Safety, 17

G

Gastrointestinal Infections, 18 Guideline development, 18

H

Haemodialysis, 29
Hand Hygiene, 18
Health Estates, 41
Hepatitis B and C, 8,9,30
Hospital Infection Control, 39
Hospital Waste, 36
Human Immunodeficiency Virus (HIV), 8,9,30
Hydrotherapy Pools, 19

I

Immunization, 42 Immunocompromised patients, 19 Infection Control Guidelines, 23 Infectious & Communicable Disease, 42 Influenza (Pandemic planning), 19 Injection safety, 20 Intensive Care Unit, 43, International Travel, 43 IV Catheters Infection, 20,21 Isolation precautions, 21 L Laboratory safety, 21, 43 Last office, 26 Legionnaires' disease, 22 Lice, 22 Long term facilities, 13, 38 M Maternal infections, 27 Meningococcal disease, 24 Methicillin-resistant Staph aureus (MRSA), 24 Microbiological commissioning of OT, 28 Mortuary, 26 Multi-drug resistant organisms Multi-drug resistant gram negative, 26 CRE, 26 ESBL, 26 MRSA, 24 VRE, 34 N Neonatal infections, 27 Norovirus (Norwalk) virus, 27 0 Operating Theatre, 28 Ophthalmic infections, 28 Organization and Management, 22 Organization and regulatory bodies, 22 Outbreak Control, 32, 44 Outpatient Departments, 28 Paediatric Infections, 43 Parvovirus, 28 Pathology & Laboratories, Pertussis, 29 Phlebotomy guidelines, 20 Post mortem room, 26 Prion diseases, 28 Prison & places of detentions, 29

Pseudomonas aeruginosa, 29

R

Renal Dialysis, 29 Reuse of Medical Devices, 29 Reporting of outbreaks & interventions studies. 29

S

SARS, 30
Scabies, 22
Sharp injuries, 20
Spa Pools, 19
Staff Health, 30
Blood borne- viral infections,90
Meningococcal disease,24
Tuberculosis, 32
Standard precautions,
Sterile Supply Department, 31
Sterilization & Disinfection, 14, 37
Streptococcal (group A) infection, 31
Surgical Site Infections, 31, 44
Surveillance & outbreaks, 32, 44
Swimming Pools, 19

T

Transplant Patient, 19 Tuberculosis, 32

U

Uniform & workwear, 33 Urinary Tract Infections, 33

V

Vancomycin Resistant Enterococci (VRE), 34 Ventilator-associated Pneumonias, 35 Viral gastroenteritis, 27 Viral Haemorrhagic Fever, 35

W

Waste Management, 36 Web site addresses, 46 Whooping cough, 29