

UKCPA INFECTION MANAGEMENT GROUP RESOURCES

These resources are available on request from the UKCPA office. Please contact 0116 2776999 or email admin@ukcpa.com.

Contents:

[Key performance indicators](#)

[Policy, guidelines and implementation tools](#)

[Professional societies](#)

[NHS hospitals with freely available guidelines on intra/internet](#)

[Primary care guidelines](#)

[Patient information on infections](#)

[Resistance surveillance](#)

[Audit of antibiotic consumption and quality of prescribing](#)

[Quality and risk management](#)

[Infection control and hospital acquired infection](#)

[Educational materials](#)

[Organisations](#)

[Government reports on antimicrobial resistance and hospital acquired infection](#)

KEY PERFORMANCE INDICATORS

[Healthcare commission - Annual Health Check 2006/07](#)

- includes national study of healthcare associated infection
- core and developmental standards, first domain - safety (reducing risk of HAI, including MRSA)

[Healthcare commission - Acute Hospital Portfolio 2005/2006](#)

- acute hospitals portfolio medicines management core questionnaire (Sections 6.7-6.10 cover antimicrobials)

[Department of Health 2003 - Medicines management in NHS Trusts: hospital medicines management framework](#)

[NHS Litigation Authority - Clinical Negligence Scheme for Trusts - Level 1 = implementation of Saving Lives](#)

[Department of Health. Saving Lives - The delivery programme to reduce healthcare associated infections \(HCAI\) including MRSA](#)

POLICY, GUIDELINES AND IMPLEMENTATION TOOLS

Department of Health Specialist Advisory Committee on Antimicrobial Resistance template for antimicrobial prescribing policies - essential starting point
<http://www.advisorybodies.doh.gov.uk/sacar/publications.htm>

European Study Group on Antibiotic Policies (Study Group of the European Society of Clinical Microbiology and Infectious Diseases)
http://www.escmid.org/Files/esgap_antibiotic_policies.pdf

Instrument to evaluate quality of guidelines - vital reminder of how to write a quality guideline (aimed at national/international guidelines)
<http://www.agreecollaboration.org/instrument/>

British National Formulary
Consult before developing/updating local guidelines
<http://bnf.org/>

Scottish Intercollegiate Guidelines Network
Consult before developing/updating local guidelines
<http://www.sign.ac.uk/guidelines/published/index.html>

NICE
Consult before developing/updating local guidelines
<http://www.nice.org.uk/page.aspx?o=infections>

Drug and Therapeutics Bulletin
Should consult before developing/updating guidelines

<http://www.dtb.org.uk/idtb/>

British Society for Antimicrobial Chemotherapy

Excellent source of evidence-based guidelines for hospital infections, excluding GUM

<http://www.bsac.org.uk/>

British Association for Sexual Health and HIV

Excellent source of evidence-based guidelines for GUM

<http://www.bashh.org/guidelines.asp>

PROFESSIONAL SOCIETIES - OPINION LEADERS FOR DOCTORS

British Society for Antimicrobial Chemotherapy (BSAC): MRSA, HAP, Endocarditis

<http://www.bsac.org.uk/>

British Thoracic Society: pneumonia, TB, opportunistic mycobacteria, empyema

<http://www.brit-thoracic.org.uk/index.html>

American Thoracic Society: pneumonia, TB, HAP

<http://www.thoracic.org/sections/publications/statements/index.html>

Royal College of Physicians: infective endocarditis, TB

<http://www.rcplondon.ac.uk/pubs/epubs.aspx>

Royal College of Obstetricians and Gynaecologists: Pelvic inflammatory disease

<http://www.rcog.org.uk/>

British Society of Gastroenterology: Ascites in cirrhosis, acute pancreatitis, prophylaxis in endoscopy, non-variceal upper GI haemorrhage

<http://www.bsg.org.uk/>

British Society for Haematology: Splenectomy guidelines

<http://www.b-s-h.org.uk/>

Primary authority on ID in the US with comprehensive evidence-based guidelines available free

<http://www.idsociety.org/>

Principles and Practice of Infectious Diseases, Mandell, Bennett & Dolin (The definitive ID textbook, subscription required)

<http://www.ppionline.com/>

Infectious Diseases, Cohen & Powderly (Also an excellent ID textbook, British editor, more colour and pictures, subscription required)

<http://www.idreference.com/>

The definitive antibiotics textbook, Kucers A et al

http://www.hoddereducation.co.uk/Title/0750601558/The_Use_of_Antibiotics_5Ed.htm

(US) The Sanford Guide (Quick reference, updated annually, the 'Bible' of antimicrobials, subscription required)

<http://www.sanfordguide.com/>

(US) Excellent free Palm Pilot download from Johns Hopkins Hospital

<http://hopkins-abxguide.org/>

Sponsored by the BMJ, useful source of evidence based medicine for specific clinical questions

<http://www.clinicalevidence.com/ceweb/conditions/index.jsp>

US guidelines 'clearing house'

<http://www.guideline.gov/>

National Electronic Library for Infection - Comprehensive one-stop shop for information on infection with links to a vast array of web resources ranging from government reports to slide presentations.

Can't recommend highly enough!

http://www.neli.org.uk/IntegratedCRD.nsf/NeLI_Home1?OpenForm

NHS HOSPITALS WITH FREELY AVAILABLE GUIDELINES ON INTRA/INTERNET

Taunton & Somerset via NHSnet (thank you Antony Zorzi)

<http://195.105.0.247/Directorate/Med/Pharmacy/Antimicro/Index.htm>

Christie Hospital guidelines on the management of neutropenic sepsis (thank you David Kaye)

<http://www.christie.nhs.uk/neutropenic/default.htm>

Nottingham (thank you Tim Hills)

<http://www.nuh.nhs.uk/qmc/antibiotics/>

The Cochrane library - An absolute must when researching original clinical trial evidence for a guideline.

<http://www3.interscience.wiley.com/cgi-bin/mrwhome/106568753/HOME>

Critical appraisal of antibiotic clinical trials: Smith C et al JAC 1998: 41; 467-480

<http://jac.oxfordjournals.org/content/vol41/issue4/index.dtl>

PRIMARY CARE GUIDELINES

Prodigy is an excellent resource for evidence-based medicine and often provides useful information for A&E guidelines and some hospital infections

http://www.prodigy.nhs.uk/guidance/by_clinical_specialty/infections_and_infestations

The **Health Protection Agency** has produced authoritative guidelines for primary care.

http://www.hpa.org.uk/infections/topics_az/primary_care_guidance/menu.htm

National Prescribing Centre - Therapeutic Reference Sheets. Antibiotic reference sheet is a thorough and succinct review of the evidence on resistance, sociology and strategy. The 2002 antibiotic reference sheet was packed full on evidence on treatment of infections in primary care.

http://www.npc.co.uk/npc_events_tw.htm

PATIENT INFORMATION ON INFECTIONS

http://www.prodigy.nhs.uk/patient_information/pils/by_condition/infections

RESISTANCE SURVEILLANCE

Health Protection Agency website

http://www.hpa.org.uk/infections/topics_az/antimicrobial_resistance/menu.htm

Mandatory Surveillance of Healthcare Associated Infection Report, 2006

http://www.hpa.org.uk/infections/topics_az/hai/mandatory_report_2006.htm

Surgical Site Infection Surveillance Service (SSISS)

http://www.hpa.org.uk/infections/topics_az/surgical_site_infection/default.htm

Department of Health webpage on antimicrobial resistance - Key reports, documents, links

<http://www.dh.gov.uk/PolicyAndGuidance/HealthAndSocialCareTopics/AntimicrobialResistance/fs/en>

Department of Health webpage on healthcare acquired infection, including mandatory reporting of MRSA, GRE, SSI, C. diff - Key reports, documents, links

<http://www.dh.gov.uk/PolicyAndGuidance/HealthAndSocialCareTopics/HealthcareAcquiredInfection/fs/en>

BSAC antibiotic resistance surveillance programme - includes respiratory pathogens and bacteraemia data from across the UK

<http://www.bsacsurv.org/>

European Antimicrobial Resistance Surveillance System - Data submitted from several UK Labs. Possible to search by organism and antibiotic.

<http://www.rivm.nl/earss/>

<http://www.rivm.nl/earss/database/>

MYSTIC Use of a program-specific website to disseminate surveillance data obtained from the Meropenem Yearly Susceptibility Test Information Collection (MYSTIC) Study. Turner PJ, Diagn Microbiol Infect Dis. 2005 Dec;53(4):273-9.

GAARD (Global Advisory on Antibiotic Resistance Data)

SENTRY Antimicrobial surveillance (Try PubMed search using 'SENTRY')

Eurosurveillance - communicable disease surveillance and control
www.eurosurveillance.org

IPSE - Improving Patient Safety in Europe: IPSE aims to resolve persisting differences in the variability of preventive practices and outcomes with respect to nosocomial infection and antibiotic resistance in Europe
<http://helics.univ-lyon1.fr/>

World Health Organisation
www.who.int/en/

DANMAP - the Danish Integrated Antimicrobial resistance Monitoring and Research Programme
<http://www.danmap.org/>

AUDIT OF ANTIBIOTIC CONSUMPTION AND QUALITY OF PRESCRIBING

WHO collaborating centre for drug statistics methodology (inc. Defined Daily Doses)
<http://www.whocc.no/atcddd/>

South Manchester University Hospitals NHS Trust - DDD template (Jonathan Cooke - Chief Pharmacist)
www.allaboutpharmacy.co.uk

ABC Calc - Excel DDD calculator from ESGAP (ESCMID Study Group on Antibiotic Policies)
http://www.escmid.org/sites/index_f.aspx?par=2.5.0?http://www.escmid.org/sites/science/studygroups/pages.aspx

European Surveillance of Antimicrobial Consumption
http://www.esac.ua.ac.be/main.aspx?c=*ESAC2

Antibiotic Resistance Prevention and Control (Aberdeen-based, Europe-wide survey of antibiotic usage in hospitals)
<http://www.abdn.ac.uk/arpac/>

Benchmarking antimicrobial usage - South Australian Hospitals
www.dh.sa.gov.au/pehs/publications/sa-antimicrobial-june05.pdf

Benchmarking antimicrobial usage - Hammersmith Hospitals NHS Trust
http://www.pharmj.com/pdf/hp/200604/hp_200604_defineddailydoses.pdf

Antimicrobial Prescribing Policy and Practice In Scotland: Recommendations For Good Antimicrobial Practice In Acute Hospitals (Including Point Prevalence Template - Glasgow Antimicrobial Audit Tool)
<http://www.scotland.gov.uk/Publications/2005/09/02132609/26099>

Scottish Health Statistics
<http://www.isdscotland.org/isd/3648.html>

The Swedish Strategic Programme for the Rational Use of Antimicrobial Agents and Surveillance of Resistance (STRAMA) - Ongoing project to evaluate web-based point prevalence tool for use across European hospitals (Birmingham is the test site for England)

<http://en.strama.se/dyn/,84,,.html>

QUALITY AND RISK MANAGEMENT

Surviving Sepsis Campaign

<http://www.survivingsepsis.org/index.html>

Institute for Healthcare Improvement - 100,000 Lives campaign: reducing surgical site infection, central line related infection, ventilator-associated pneumonia

<http://www.ihl.org/ihl>

INFECTION CONTROL AND HOSPITAL ACQUIRED INFECTION

National Electronic Library of Infection: NELI compiles all the reports and guidelines on the topics in one website with hyperlinks to source documents - fantastic resource

http://www.neli.org.uk/IntegratedCRD.nsf/NeLI_Diseases_AR?OpenForm

NICE: Infection control - prevention of healthcare-associated infection in primary and community care

<http://www.nice.org.uk/page.aspx?o=71774>

Evidence-based practice in infection control (EPIC)

<http://www.epic.tvu.ac.uk/>

The EPIC Project - Guidelines for Preventing Hospital Acquired Infections

<http://www.dh.gov.uk/assetRoot/04/07/73/68/04077368.PDF>

<http://www.epic.tvu.ac.uk/PDFFiles/epic%201/epic%20update.pdf> (Dec 2004)

Guidelines for transparent reporting of Outbreak Reports and Intervention studies Of Nosocomial infection - good research methodology

http://www.bsac.org.uk/db/documents/FINAL_ORION.doc

Surgical Site Infection - Saving Lives High Impact Intervention No. 3 - Useful resource for evidence based prevention of SSI

<http://www.dh.gov.uk/assetRoot/04/11/34/74/04113474.pdf>

National Audit Office - The management and control of hospital acquired infection in acute NHS trusts in England (2000)

http://www.nao.org.uk/publications/nao_reports/9900230.pdf

National Audit Office - Improving patient care by reducing the risk of hospital acquired infection: a progress report (2004)

http://www.nao.org.uk/publications/nao_reports/03-04/0304876.pdf

Health Protection Agency - Nosocomial Infection National Surveillance System (NINSS)
http://www.hpa.org.uk/infections/publications/ninns/hosacq_HAB_2002.pdf

Centers for Disease Prevention and Control (US) - National Nosocomial Infections Surveillance System
http://www.cdc.gov/ncidod/dhqp/nnis_pubs.html

BMA: Healthcare associated infections - a guide for health professionals (Feb06)
[http://www.bma.org.uk/ap.nsf/AttachmentsByTitle/PDFHealthcareAssocInfect/\\$FILE/HCAIs.pdf](http://www.bma.org.uk/ap.nsf/AttachmentsByTitle/PDFHealthcareAssocInfect/$FILE/HCAIs.pdf)

SHEA - The Society for Healthcare Epidemiology of America
http://www.shea-online.org/publications/shea_position_papers.cfm

EDUCATIONAL MATERIALS

Academy of infection management - Industry sponsored but useful source of material for talks
<http://www.infectionacademy.org/resources.asp>

Centers for Disease Prevention and Control in Atlanta (US) - Plenty of material for slideshows
<http://www.cdc.gov/drugresistance/healthcare/patients.htm>

European Centre for Disease Prevention and Control - New European organisation
<http://www.ecdc.eu.int/>

APT: Appropriate Prescribing for Tomorrow's doctors
<http://www.dundee.ac.uk/facmedden/APT/index.htm>

(Note - The Prudent Antibiotic User Website (PAUSE) will be developed over the next 12-months to provide learning resources for undergraduate medical students, doctors, dentists, nurses, pharmacists and other health professionals who prescribe antibiotics. See BSAC website for details)

Mycology
<http://www.doctorfungus.org/>

ORGANISATIONS (Acknowledgement: Wendy Lawson and Barbara Dean)

UKCPA homepage with links to infection management group and excellent resource centre
<http://www.ukcpa.org/>

Alliance for the Prudent Use of Antibiotics (APUA) - Why not join?
<http://www.apua.org/>

The British Infection Society (BIS)
<http://www.britishinfectionsociety.org/>

British Society for Antimicrobial Chemotherapy (BSAC) - Why not join?
<http://www.bsac.org.uk/>

British Society for Medical Mycology
<http://www.bsmm.org/>

European Society for Clinical Microbiology and Infectious Diseases (ESCMID)
<http://www.escmid.org/>

Health Protection Agency (HPA)
<http://www.hpa.org.uk/>

The Hospital Infection Society (HIS)
www.his.org.uk

Infectious Diseases Society of America (IDSA)
<http://www.idsociety.org/>

International Society for Infectious Diseases (ISID)
<http://www.isid.org/>

National electronic Library of Infection (NeLI)
www.neli.org.uk/

Royal Society of Tropical Medicine & Hygiene
<http://www.rstmh.org/>

Special Advisory Committee on Antimicrobial Resistance (SACAR)
<http://www.advisorybodies.doh.gov.uk/sacar/contact.htm>

GOVERNMENT REPORTS ON ANTIMICROBIAL RESISTANCE AND HOSPITAL ACQUIRED INFECTION - See NELI for more

The Health Act 2006: Code of practice for the prevention and control of healthcare associated infections (Dept of Health)
<http://www.dh.gov.uk/assetRoot/04/13/93/37/04139337.pdf>

Winning ways - working together to reduce healthcare acquired infection. Report from CMO (December 2003).
<http://www.dh.gov.uk/assetRoot/04/06/46/89/04064689.pdf>

Hospital pharmacy initiative for promoting prudent use of antibiotics in hospitals (PL/CMO/2003/3). Department of Health: London; 2003a.
<http://www.dh.gov.uk/assetRoot/04/01/35/63/04013563.pdf>

The Government Response to 'Fighting infection', the 4th Report of the House of Lords Select Committee on Science and technology 2002-2003 (November 2003)
<http://www.dh.gov.uk/assetRoot/04/06/97/68/04069768.pdf>

'Fighting infection', the 4th Report of the House of Lords Select Committee on Science and technology 2002-2003 (July 2003)

<http://www.publications.parliament.uk/pa/ld200203/ldselect/ldsctech/138/138.pdf>

Antimicrobial Resistance Strategy and Scottish Action Plan 2002

<http://www.scotland.gov.uk/Publications/2002/06/14962/7799>

Getting ahead of the Curve: a strategy for combating infectious disease. A report by the Chief Medical Officer (January 2002)

<http://www.dh.gov.uk/assetRoot/04/06/08/75/04060875.pdf>

World Health Organisation Global Strategy for the Containment of Antimicrobial Resistance

<http://www.who.int/drugresistance/WHO%20Global%20Strategy%20-%20Executive%20Summary%20-%20English%20version.pdf>

Optimising the clinical use of antimicrobials: Report and recommendations for further work. The Interdependent departmental Steering Group on Resistance to Antibiotics and other Antimicrobial Agents. Clinical Prescribing Subgroup. London, June 2001.

www.dh.gov.uk/assetRoot/04/08/43/95/04084395.pdf

House of Lords Select Committee on Science and Technology. Resistance to antibiotics. 3rd Report. The Stationery Office: London; 2001.

<http://www.publications.parliament.uk/pa/ld200001/ldselect/ldsctech/56/5601.htm>

UK Antimicrobial resistance strategy and action plan. London: Department of Health: London; 2000.

<http://www.dh.gov.uk/assetRoot/04/07/84/48/04078448.pdf>

HSC1999/049 "Resistance to antibiotics and other antimicrobial agents"

http://www.dh.gov.uk/PublicationsAndStatistics/LettersAndCirculars/HealthServiceCirculars/HealthServiceCircularsArticle/fs/en?CONTENT_ID=4016586&chk=Ecxfi8

The Path of Least Resistance: summary and recommendations. (1998) Standing Medical Advisory Committee (SMAC) Sub-group on Antimicrobial Resistance. (April 1998)

<http://www.advisorybodies.doh.gov.uk/smac1.htm>

The Copenhagen Recommendations. Report from the Invitational EU Conference on The Microbial Threat, Copenhagen Denmark, 9-10 September 1998

<http://www.im.dk/publikationer/micro98/forside.htm>

Resistance to Antibiotics and other antimicrobial agents, 7th Report 1997-98, HL Paper 81, ISBN 010 478998.

<http://www.publications.parliament.uk/pa/ld199798/ldselect/ldsctech/081vii/st0701.htm>