



# What kinds of guidance are produced?

There are 3 centres in NICE, which produce different types of guidance:

- Centre for Health Technology Evaluation
- Centre for Clinical Practice
- Centre for Public Health Excellence

#### Centre for Health Technology Evaluation

- Technology Appraisals
  - guidance on the use of individual health technologies
  - 'technology' includes all types of medical intervention, for example drugs, medical devices, types of operation and health education programmes
  - appraisal of clinical and cost effectiveness
  - Secretary of State for Health's direction on funding
- Interventional Procedures
  - guidance on whether surgical techniques or other interventions are safe and effective enough for routine use



- They are also important for health service managers and commissioners.
- Guidelines can be used to develop standards and training for healthcare professionals, and help patients make informed decisions.

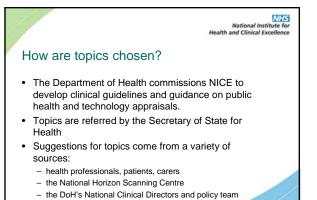
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### Centre for Public Health Excellence

- · Produces two types of public health guidance:
- Public health programme guidance on types of activities to improve health (such as ways of helping people give up smoking)
- Public health intervention guidance on a specific activity (such as giving people advice to take more exercise)
- The functions of the Health Development Agency (HDA), were transferred to NICE on 1 April 2005.

# Does NICE cover the whole of the UK?

- NICE produces guidance on health technologies and clinical practice for the NHS in England and Wales.
- Guidance on interventional procedures covers England, Wales and Scotland.
- NICE guidance on public health covers England.



- the general public



## **Developing NICE guidance**

- Different processes and methods for different types of guidance, but there are common guiding principles:
- Robust
- underpinned by a sound evidence base and methodology
  Inclusive
  - genuine consultation of stakeholders
- Transparent
  - evidence, considerations of the evidence, and conclusions in the public domain
- Independent
  - decisions by independent advisory committees



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#### Stakeholders

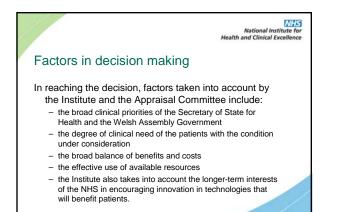
Consultees and commentators are invited to participate in NICE technology appraisals. These include:

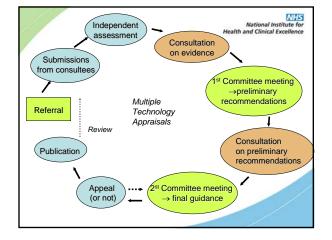
- · Patients and carers: organisations and individuals
- Healthcare professionals: organisations and individuals
- · Manufacturers and comparator manufacturers
- Academic institutions and research groups
- · Primary care trusts
- · Governmental departments
- The public also have the opportunity to comment on consultation documents

#### Who makes the decision?

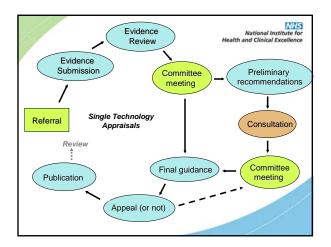
- The Appraisal Committee makes recommendations to NICE on how the technology should be used in the NHS.
- This standing committee is independent of NICE and has members from a variety of backgrounds:
  - doctors, nurses, pharmacists
  - NHS managers
  - health economists
  - statisticians



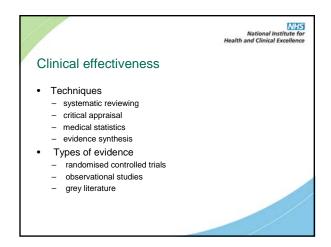


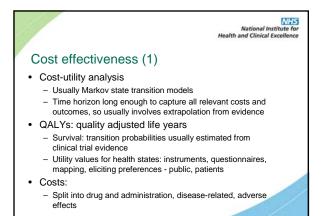


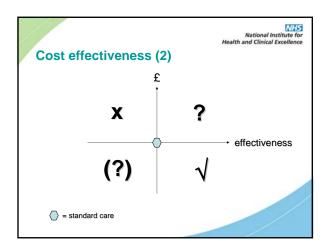




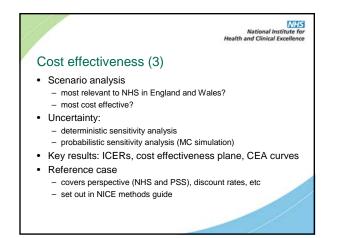


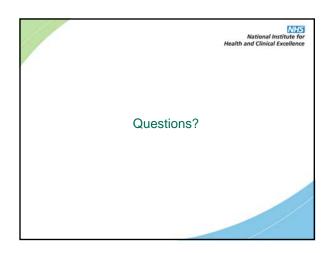












#### The impact of NICE guidance

- Health professionals and the organisations that employ them are expected to take published NICE guidance in account when deciding what treatments to give people.
  - However, this does not replace the knowledge, skills, and responsibilities of individual health professionals.
- NHS organisations in England and Wales are required to provide funding for treatments recommended in technology appraisals guidance.
- The Audit Commission:
  - Managing the financial implications of NICE guidance (2005)



- NICE produces tools to support implementation
  - for example, costing reports (estimates of the national cost impact) and costing templates (spreadsheets that allow local users to estimate the cost of implementation taking into account local variation)
- Certain national initiatives will have a major impact on the way services are commissioned and funded, which will affect the implementation of NICE guidance.

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# Implementation of NICE guidance (2)

- Healthcare Commission assessment:

   considers performance in relation to core and developmental standards, as well as the existing and new targets the NHS
- Payment by Results
  - this is a national tariff structure, initially concentrating on secondary care.
- Practice-based commissioning
  - this enables groups of GPs to commission care and services that are specific to the needs of their patients.

# National Institute for Health and Clinical Excellence Recently published and upcoming guidance

- Technology Appraisals:
  - Bevacizumab and cetuximab for colorectal cancer (Jan 07)
  - Alteplase for acute ischaemic stroke (in progress)
- · Clinical guidelines:
  - Antenatal and postnatal mental health (Feb 07)
  - Stroke (in progress)
  - Breast cancer (in progress)
- Public Health guidance:
  - Substance misuse (Mar 07); Workplace smoking (in progress)
- Interventional procedures: - microwave ablation of hepatocellular carcinoma (March 07)



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## What aspects of NICE guidance might be of interest to actuaries?

- · As a source of information
  - could find information useful for pricing and reserving in publicly available information via NICE website
  - rigorous analysis of clinical and cost effectiveness of latest
  - advances and treatments used in complex disease areas epidemiological, resource use and cost data (although
  - limited relevance as for general not insured population)
- · As a factor to consider in product design
  - Guidance may affect benefits covered in private insurance
  - Guidance may inform programmes for preventive healthcare, limitation of claim costs while maintaining quality of care, advice by helplines?

# How could NICE guidance impact on health insurance?

- Seems most relevant to PMI & Major Medical Expenses
- As a benchmark for defining benefits coverage
  - a high-standard, sensible and defensible minimum
  - easily marketable higher coverage for higher premium
  - easier to dove-tail state healthcare provision when it is more explicitly defined
- As a guide to good treatment practice
  - information source of safe, effective and value-for-money drugs, operations and overall medical management
- As a guide to good preventive practice

   information source for ideas to help policyholders avoid getting ill



