National Training Programme Project Update
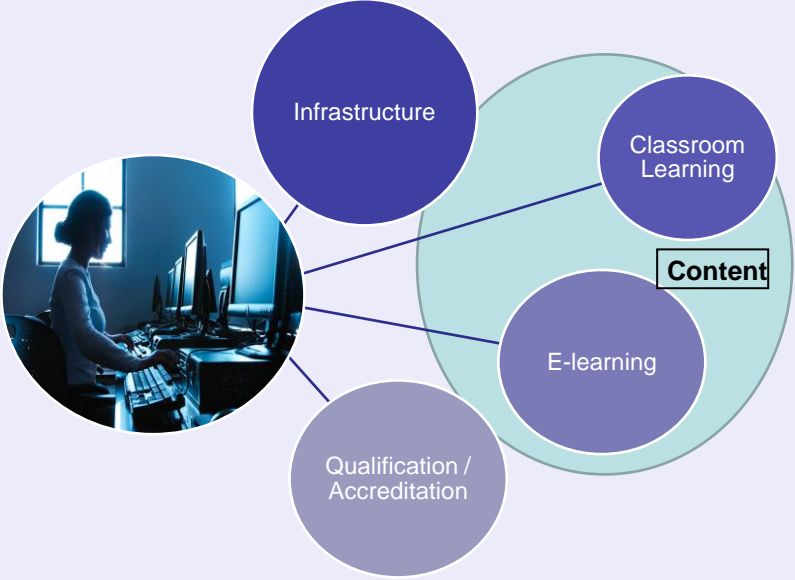
MDT Conference March 2011

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The Future

- Infrastructure
- Classroom Learning
- **Content**
- E-learning
- Qualification / Accreditation

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(Possible) Timescales

2010/2011

- Early development of e-learning pilot modules
- Preliminary testing
- National 'coordinator' role

2011/2012 ??

- Personalised learning
- Qualification/accreditation
- Infrastructure
- National rollout ??

Timescales

October 2010
- 2 Project Managers appointed to lead
  - Content for both classroom and e-learning
  - Accreditation/qualification

November 2010
- Project – content
  - Recruited - 7 content authors / editors
  - Recruited – 2 software developers

December 2010
- Project Initiation Document produced
- Project plan

Timescales

2011/End March 2012

- Produce 21 Modules in PowerPoint to include:-

  - Learning objectives
  - Summaries
  - Quizzes
  - Pre and post tests (not all modules)
  - Include images avoiding copyright issues
  - Identify key terms for inclusion into a glossary
  - Obtain clinical sign off
  - Convert modules into e-learning

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Timescales

2011/End March 2012

- Produce

  - On-line user guide
  - Comprehensive glossary of terms
  - Full user acceptance test script

End March 2012

- Future infrastructure leading to National Roll Out

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Accreditation

Background

- Accreditation by the Institute of Healthcare Management (IHM) has been pursued.
- Application being made through IHM professional validation scheme
- 1st Draft submitted and under discussion 14th Feb
- Target timescale for completion Easter
- Fee for validation for 3 years covers all staff undertaking course

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Validation Requires that:

- Activity reflects current needs
- Resource inputs are adequate to achieve the specified outcomes
- Professional benefit for individual learners, organisational benefit and improvements to services for the public in health and social care can be demonstrated through the activity

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Project Definition - Content

Purpose
➤ To develop and implement the content element of a comprehensive accredited training programme

Time Frame
➤ Complete the content element by end March 2012

Scope Includes
➤ Development of course structure and content
➤ Deliver content that has been professionally PEER reviewed
➤ Working with NCAT to develop material for incorporation into educational products

Scope excludes
x Development of the information management system and accreditation
x Operational support procedures for an e-learning tool

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Deliverables

The principle products will be:-

Module 1 (M1) - Cancer Surveillance within the NHS

National Health Service - (M1a)
Brief history of the NHS, Cancer Networks and other cancer organisations

Cancer Registration - (M1b)
Brief history, roles and data collection sources processes and confidentiality

Multi Disciplinary Teams (MDT's) – (M1c)
Brief history, roles, patient pathways, data collection also PEER review and service improvement

Cancer Datasets – (M1d)
History, various dataset understanding, validation and quality, decision tools and outcome measures and audit versus research

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Deliverables Cont'd

Module 2 (M2) – Medical terms, tests and treatments relating to cancer

What is cancer – (M2a)
Cancer terms, risk factors, categories of cancer including cells, tissue and diagnosis

Medical Terminology – (M2b)
Word roots, suffixes & prefixes – complaints, symptoms, physical findings, illnesses, abbreviations and acronyms

Anatomy & Physiology – (M2c)
Introduction to the human body by each system

Diagnostic Tests – (M2d)
History and description covering all diagnostic tests

Cancer Treatment – (M2e)
Treatment types and techniques including surgery, radiation, chemotherapy, hormonal, biological, combination, subsequent and other therapies

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Deliverables Cont'd

Module 3 (M3)

Cancer Site Specific Modules
Each module includes: facts, causes, risk factors, signs & symptoms.
anatomy & physiology, coding, staging, diagnosis, treatments

- Brain & central Nervous System Cancer (M3a)
- Bone & Connective Tissue Cancer (M3b)
- Breast Cancer (M3c)
- Female Reproductive Cancer (M3d)
- Haematopoietic Malignancies (M3e)
- Head & Neck Cancer (inc Thyroid) (M3f)
- Lower GI Tract Cancer (M3g)
- Male Reproductive Tract Cancer (M3h)
- Respiratory System Cancer (M3i)
- Skin Cancer (M3j)
- Upper GI Tract Cancer (M3k)
- Urology Cancer (M3l)

Deliverables Cont'd

Supporting Products

- ✓ Content task list **(S1)**
- • User Guide **(S2)**
- ➢ Data dictionary of clinical terms **(S3)**
- ➢ Images **(S4)**
- • User acceptance test scripts **(S5)**

Management Products

- ✓ Project Initiation Document **(P1)**
- ✓ Project plan **(P2)**
- ➢ Monthly progress meetings – Content team **(P3)**
- ➢ Quarterly progress meetings – Project board **(P4)**
- • Final project report **(P5)**

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Project Approach

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Start-up / Initiation Stage
During this stage the main activities to be undertaken comprise:

- ✓ Baseline assessment to identify key stakeholders and their requirements and
- ✓ Review of current training courses and material
- ✓ Production of course specification
- ✓ Familiarisation of project team members
- ✓ Sourcing of content authors and module editors
- ✓ Identification of key modules
- ✓ Production of the Project Initiation Document (PID) for the project
- ✓ Production of the Project Plan MS project (Gantt Chart)

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Development Stage

Stage 1

Development of Module 2 (M2)

Stage 2

Development of Module 3 (M3) which include:

Stage 3

Development of Module 1 (M1) which include:

Final Stage

The final stage will include:

- The production of a comprehensive on-line user guide
- Modules ready for integrating into the agreed accredited training certification programme
- Project closure

Example of Module Maps

Multi Disciplinary Teams

- Learning objectives

- Multi Disciplinary Teams (MDT)
   Brief history
   Role of the MDT
   Patient pathways
   Review
   Quiz
- The MDT Co-ordinator
   Role and responsibilities
   MDT meetings
   Data collection
   Review
   Quiz
- PEER review
   Brief history
   The validation process
   Measuring the flow
   Patient journey
- Service Improvement
   Assessing activity
   Measuring improvements
   Influencing improvements
   Improvement tools (LEAN)

Colorectal Cancer Module Map

- Learning objectives
- Introduction
  - Facts about colorectal cancer
  - Cause & risk factors
  - Signs & symptoms
  - Quiz
- Anatomy & Physiology
  - Function
  - Anatomy
  - Regional lymph nodes
  - Review
  - Quiz
- Abstracting, Coding, & Staging
  - Site codes ICD 10/ICD-O codes
  - Morphology
  - Grade
  - Diagnosis
    - o Physical exam
    - o Laboratory tests
    - o Imaging
    - o Tumour markers
    - o Endoscopies
    - o Operative report
    - o Pathology
  - Staging
  - Classification (TNM etc)
  - Pre-treatment/clinical, pathological, integrated/MDT (brief explanation for each)
  - Values required for staging
  - Review
  - Quiz
- Treatment
  - Overview
  - Colon surgery
  - Rectum surgery
  - Radiation therapy
  - Drugs

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