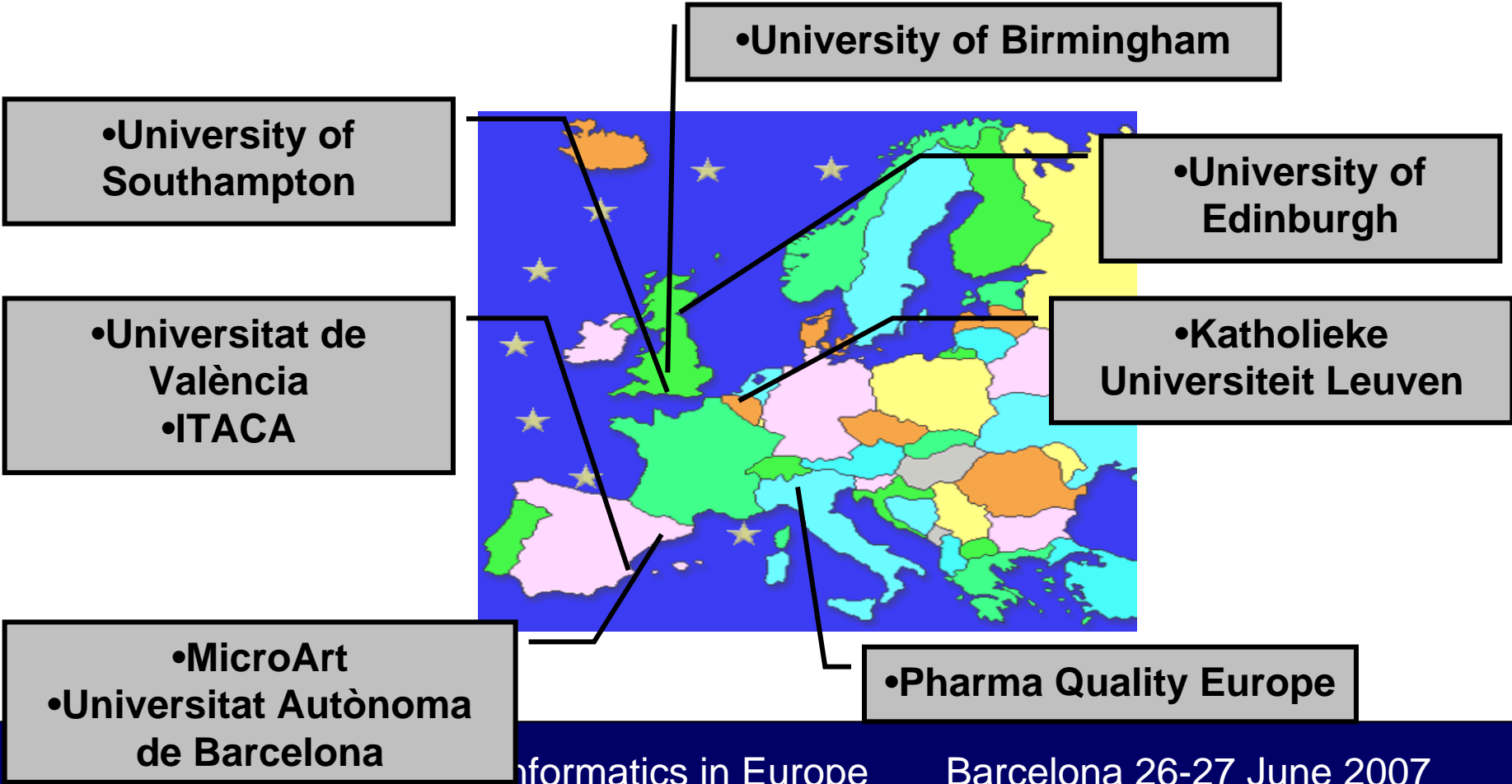


HealthAgents

**Distributed Decision Support System for Brain Tumour
Diagnosis and Prognosis using Agent Technology**

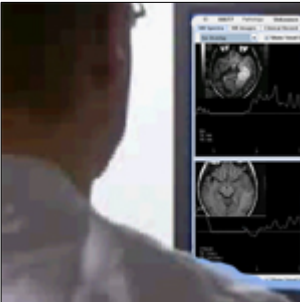
Magi Lluch I Ariet
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- EC-Funded IST-2004-27214 €4.1M
- Highest Budget FP6 STREP
- 1/1/2006 – 31/12/2008
- Strong emphasis on industrialisation
- 9 Partners





Improve **Healthcare** Provision



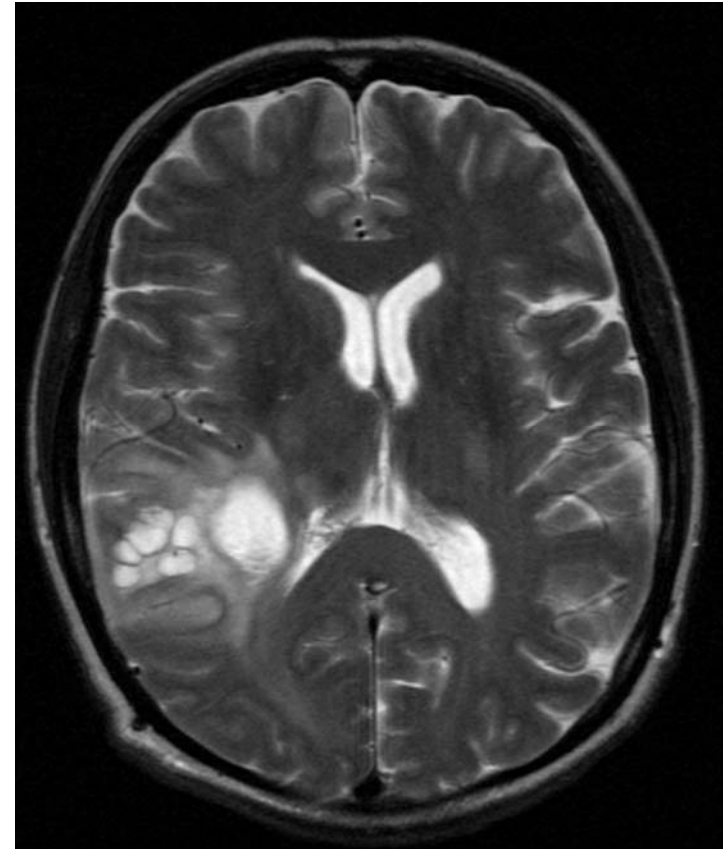
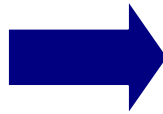
Contribute to the **Advancement** of
Neuro- Oncology, Radiology, and
Informatics

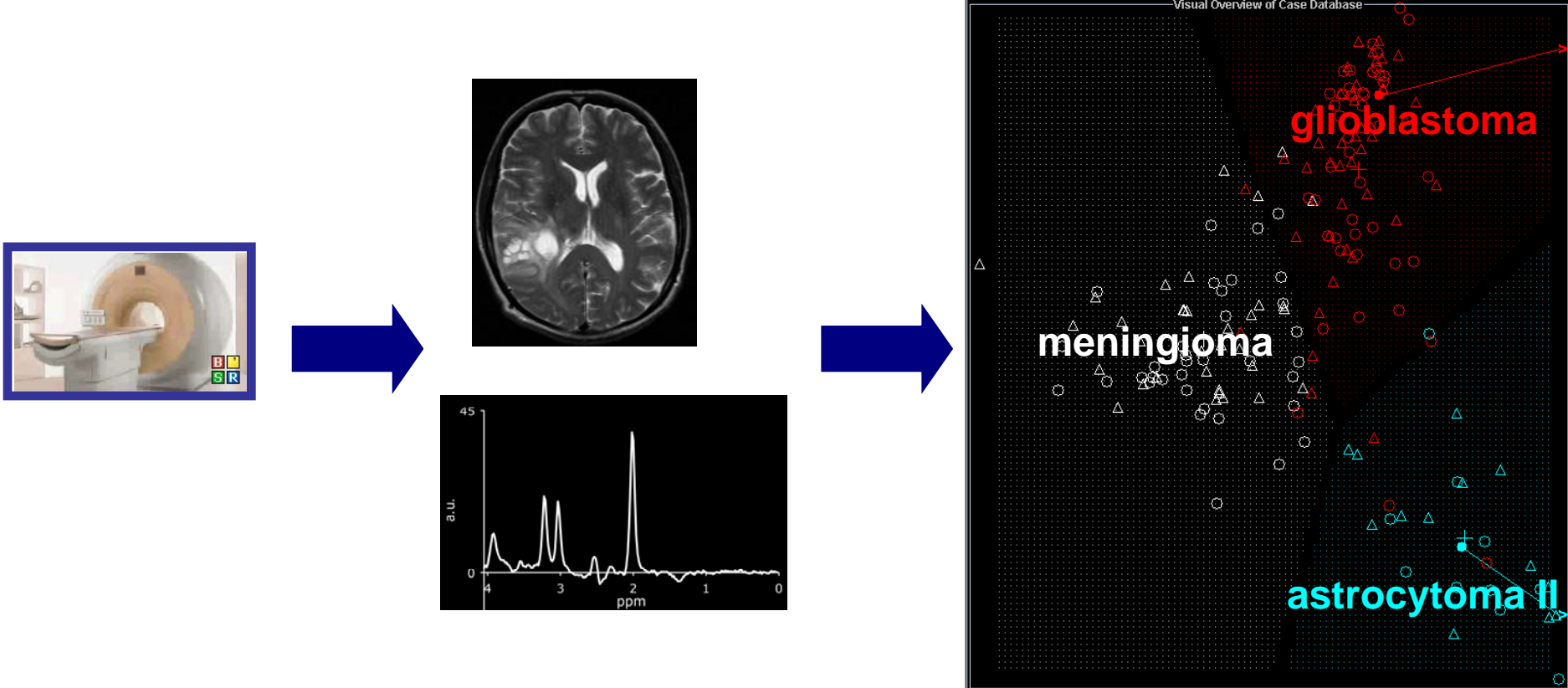


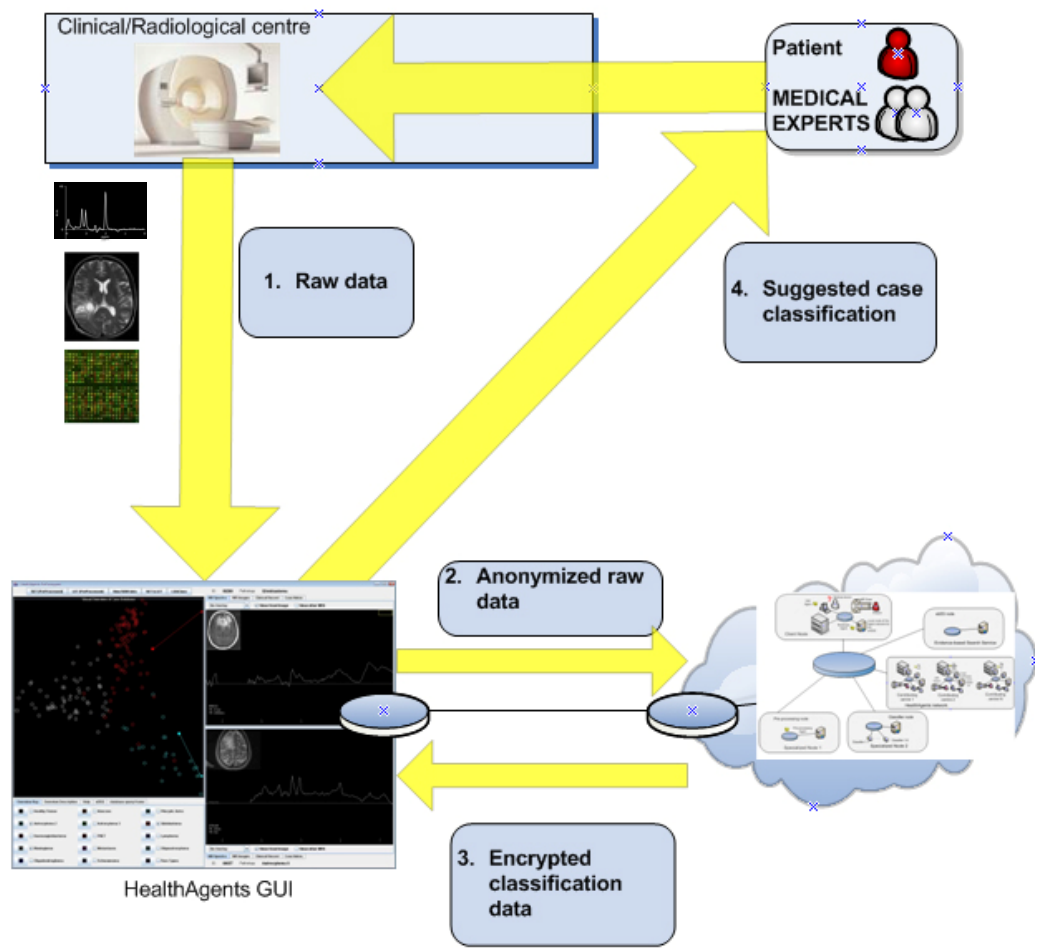
Disseminate **Results** and Make the
these Improvements **Accessible**

Why brain tumours?

- Clinical importance
 - Important cause of **morbidity** and **mortality** in adults and children
 - Few **improvements** in outcome
 - **New approaches** to management needed via greater **understanding**
- Amenable to techniques
 - Brain is amenable to **MR** studies
 - **Tissue available**, surgery mainstay of treatment







www.healthagents.net

The screenshot displays the HealthAgents software interface. The main window shows a 'Visual Overview of Case Database' with a scatter plot of cases. Below it is a list of 'Overview Key' items with checkboxes for various conditions: Healthy Tissue, Abscess, Glioblastoma, Meningioma, Metastases, Oligodendroglioma, Pilocytic Astro, Astrocytoma 2, Astrocytoma 3, Haemangioblastoma, PNET, Lymphoma, Oligoastrocytoma, and Schwannoma. Several of these are checked. To the right, there are MRI Spectra and MRI Images for a selected case (ID: 10200, Pathology: Glioblastoma). Overlaid on the main window are three smaller windows: 'HealthAgents Classifiers Prototype' showing LET and SET data, 'Anonymization Wizard' with a file list, and a 'MICROBIC' window for specifying manufacturer and type.

- Astrocytoma – grade 2
- Meningioma
- Glioblastoma
- Metastasis
- Oligodendoblioma



8th Internet Global Congress. R&D category. Barcelona. June 2006



IST 2006 Helsinki November 2006

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