

## QuickClinical – Information Retrieval System

### Business Opportunity

QuickClinical (QC) is a highly customisable online information retrieval system designed as a decision-making support tool. An advanced search technology, QC works by applying an intelligent search interface and process layer over the top of generic search engines.

QC can be a standalone product or integrated into software packages to provide an improved information retrieval facility. The potential markets for the technology are publishers, library systems vendors, knowledge management software vendors, information aggregators and trade associations.

It is reported that 350 people die each week in hospitals due to clinician error, often as a result of poor decision making. QC, designed with this in mind, increases information retrieval accuracy by 20% and speed to answer by 50%. The medical decision support market alone is estimated to be \$330 million annually.

QC currently has two licensees and NewSouth Innovations is looking for further licensees in other fields and territories.

### The Market

**The Application** As web-based search grows in importance and the volume of information available increases, users need a tool designed for in-depth information retrieval. QC offers users targeted search capabilities with a significantly higher level of relevancy and speed than existing search systems.

QC is a meta-search engine, which means that through a single front end the technology is able to access and present information from many other search engines and information sources. QC offers an enriched experience by having a highly customisable front-end, incorporating an intelligent search interface and processing layer, and giving access to otherwise hidden sources of information.

To date, the technology has cost over \$2 million to develop and included the efforts of UNSW researchers and the two multi-national licensees.

**The Opportunity** QC was designed by experts in health informatics for use in the medical world. With the current breadth and depth of search technologies available, QC has carved a niche in medicine. The field is broad in terms of medical specialities and organisations involved in delivering services to medical personnel.

Although designed with medicine in mind, experience has shown that QC has applications in many of fields and opportunities will be pursued as they emerge.

**Existing Customers** QC has been licensed to two multi-national organisations. The first commercial partner is a large pharmaceutical company and the second is one of the bigger law and accounting publishers. Early discussions are currently underway with a European medical library to investigate the possibility of developing QC to unify disparate library search systems.



The screenshot shows the QuickClinical web interface. At the top, there is a navigation bar with links for Search, Results, Feedback, Help, and Contact Us. Below this is a search form with a 'Select a Profile' dropdown menu containing options like A-Diagnosis, A-Drug Info, A-Ebology, A-Patient Edu, and A-Treatment. To the right of the dropdown is an 'Enter Keywords' section with input fields for Disease (containing 'dvt'), Drug, Symptoms, and Others (containing 'travel'). Each input field has a 'Builder' button. There is also a 'Save As (Optional)' field and 'Clear All' and 'Go' buttons. Below the search form is a 'Previous Search Results' table with columns for Search Name, Profile, Date, and Action. The table shows one result: 'dvt travel' with profile 'A-Diagnosis' and date '27-06'.

Screenshot of QuickClinical

### The Technology

The key patent is currently at national phase in a range of major jurisdictions.

### The Team

The technology was developed by Prof Enrico Coiera and his team at the Centre for Health Informatics at UNSW in conjunction with Merck Sharp Dohme.

NewSouth Innovations, the technology transfer business of UNSW, is responsible for the commercialisation.

### Investment Opportunity

NewSouth Innovations are seeking licensees in a range of fields and territories who wish to leverage the opportunities that QC presents.

### Further Information:

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