



Dear Reader,

## Launch of dabl<sup>®</sup> National Cardiovascular Shared Care System

In Europe, cardiovascular disease (CVD) causes over 4.3 million deaths each year (48%), and is the main cause of adult disability. Overall it is estimated to cost the EU economy a staggering €192 billion a year<sup>1</sup>. Of the total cost, 57% is due to healthcare costs, 21% due to productivity losses and 22% due to informal care of people with CVD. <sup>1</sup>(*European cardiovascular disease statistics 2008*).

Globally the demographic shift in population age profile and the burgeoning cost of healthcare provision requires a dramatic change in the approach to disease management. We must move towards early diagnosis and prevention. This can only be achieved by using advanced IT systems to quickly and easily diagnose those at risk, and provide medical professionals with management systems based on real-time sharing of data.

These statistics and trends also apply to Ireland. It is widely acknowledged that the lack of an integrated or shared system between secondary and community care is a barrier to achieving optimum levels of care and outcomes, improved patient safety and reducing the unsustainable cost of healthcare delivery. In a recent survey of GP's, easier access to secondary care and diagnostic services is quoted as among the main improvements they want to see. (*Ref. IMO GP Benchmark Study 2009*).

A shared database between community and secondary care is too simplistic and ignores the advances made in clinical management systems. To maximise effectiveness, a system must have a high level of intelligence, be capable of automatically uploading patient data, irrespective of the location of the medical clinic, and in accordance with evidenced based guidelines and research, provide an automatic interpretation of the data. This will provide a high level of accuracy in diagnosis using real-time data, enabling the medical team to concentrate on quality decision making, managing the patient and achieving better outcomes. This is the basis upon which the dabl<sup>®</sup> system was created.

The dabl<sup>®</sup> organisation evolved out of specialist care and research. Over the years it has moved out to primary care and in 2008 launched diagnostic and management services to pharmacy, recognising their increasing importance in chronic disease management. On the 7 December 2009, the implementation of the **dabl<sup>®</sup> National Cardiovascular Shared Care System** commenced in Ireland, with an initial participation of 4 hospitals, 3 general practices and one specialist clinic. This national cardiovascular shared care system enables the linking of hospitals, primary and community care clinics and pharmacy outlets. Sharing critical data in this way provides for a vastly improved level of patient care, and enables the benefits of ongoing research in this field to be rapidly incorporated in the patient care system. This programme is being spearheaded by dabl<sup>®</sup> in collaboration with all the stakeholders. By accelerating this roll out, the health benefits and costs of reduced CVD, will start to accrue. The extension of the dabl<sup>®</sup> system to every hospital and community clinic in Ireland within a relatively short period of time is possible, given that currently over 30% of GP practices, and the majority of Irish hospitals are dabl<sup>®</sup> users.

The key objective of the dabl<sup>®</sup> organisation is to provide expert systems which incorporate international best practice and guidelines for accurate diagnosis and management of patients, combined with real-time patient data. This combination will guarantee a greater efficiency and cost effectiveness for our health service and more successful outcomes for our patients. The following pages outline the current range of dabl<sup>®</sup> modules and features. We are committed to expanding this range to include other diseases based on the same standards of excellence and innovation.

**William Rickard**

Managing Director  
dabl<sup>®</sup> Ltd

# dabl<sup>®</sup> National Cardiovascular Shared Care System

## What is it?

The **dabl<sup>®</sup> National Cardiovascular Shared Care System** is a highly cost-effective prevention programme leading to a major reduction in stroke, heart attack, and a range of other cardiovascular diseases.

The dabl<sup>®</sup> National Cardiovascular Shared Care System is a unique initiative by dabl<sup>®</sup> to link all users in Ireland to a single expert system incorporating all the dabl<sup>®</sup> modules, and sharing a common database. This system will improve patient care with an enhanced shared care service between primary and secondary care, translating to huge productivity and cost saving implications for the HSE.

## The system incorporates the dabl<sup>®</sup> suite of online products:

**dabl<sup>®</sup> ABPM** – for the accurate diagnosis and management of hypertension.

**dabl<sup>®</sup> Anticoagulant** – for the management of patients on warfarin.

**dabl<sup>®</sup> Cardiovascular** – for the prevention and management of cardiovascular diseases.

**dabl<sup>®</sup> Geriatric** – for the management of elderly patients with CVD.

**dabl<sup>®</sup> Stroke** - for the management of stroke patients (in development).

All systems have been designed to a high level of user-friendliness and system outputs are easy for both the medical team and their patients to understand.

## The following efficiency tools are available with the dabl<sup>®</sup> clinical systems:

**dabl<sup>®</sup> Shared Care** allows for the secure sharing of patient data between dabl<sup>®</sup> users.

**dabl<sup>®</sup> Tracker** is an internal messaging system which makes it very easy and time efficient for medical teams to communicate on patient management.

**dabl<sup>®</sup> Diary** enables clinics to allocate slots in their dabl<sup>®</sup> diary which can be accessed directly by an external clinic. For example, a hospital unit would reserve slots in its diary so that a GP could immediately book an appointment for the patient.

## How does the dabl<sup>®</sup> National Cardiovascular Shared Care System work?

- Sites linked to the dabl<sup>®</sup> National Cardiovascular Shared Care system can share patient data.
- Each site can enter or automatically upload patient data which will be available immediately to all other registered sites.
- Communication between sites is facilitated by dabl<sup>®</sup> Tracker. This involves tracking requests for information and notifications that results have arrived.
- A user can also have a virtual consultation, a live consultation and a text conversation with users in another site in relation to a particular patient to whom they have shared access.



## Key benefits of dabl® National Cardiovascular Shared Care system:

The dabl® National Cardiovascular Shared Care System will deliver a measurable reduction in stroke and heart attack in Ireland, with a vast range of other benefits and savings including:

### Improved Efficiency & Productivity for Primary and Secondary Care

- Reduction in waiting lists.
- Real-time consultations on patient treatment.
- Enables the consolidation of CVD data for patients. Data entered or automatically uploaded (e.g. bloods, ABPM,) by any user of the system, is available to ALL the medical team treating that patient.
- Provides evidenced based interpretation of data so that doctors can make a very informed management decision.
- Eliminates the time and frustration for GP's and Consultants by providing immediate access to results of investigations, irrespective of where they were entered or uploaded.

### Enhanced Patient Care & Safety

- All those responsible for the care of the patient get a clear and complete picture of the patient's medical history to ensure quality decision making.
- Significantly reduces the number of referrals and patient journeys.
- Integrated management of patients between secondary and community care.
- Medical team can easily communicate the program of management.
- High degree of patient compliance is achieved leading to an improvement in treatment outcome.
- Reduce the incidence of medical errors by providing easy access to all data irrespective of where it was entered.

### Time & Cost Savings

- Significant time and resource savings, eliminating duplication of investigations.
- Cost saving potential, estimated at approx. €450 million per annum for the Irish Health Service.

### Automatic uploading of patient data

The dabl® system is designed to link directly to devices and laboratory systems to automatically upload patient data in real-time. dabl® will automatically interpret the data and in some areas provide an accurate diagnosis thereby enabling the medical team to make improved quality decisions.

### Prevention

- Achieves a significant reduction in the incidence of stroke, heart attack, heart disease and other cardiovascular conditions through more efficient and cost effective prevention.

### Evidence Based

- dabl® systems are developed and maintained in collaboration with a number of international centres of excellence. This collaboration and continuous investment in R&D guarantees that the dabl® system is the most advanced diagnostic and disease management system available.
- The RHASP (Reduction in Heart Attack and Stroke through Prevention) pilot was successfully completed in 2005 and independently assessed. The pilot was funded by the Department of Health, and provides the evidence-based justification for the accelerated roll out of a National Cardiovascular Programme.

For further information on the dabl® systems, please call us on (01) 2780247, email [sales@dabl.ie](mailto:sales@dabl.ie) or view our website [www.dabl.ie](http://www.dabl.ie)

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