

BGM & Diabetes info

Present BGM devices

Various studies have demonstrated the importance of glycemic control. Today's finger-prick devices are very similar to those 8-12 years ago - they are still inconvenient and to some painful. Problems can be summed into:

- Invasive thus a risk of infection is present
- The system and process consist of many parts: un-/packing, lancet, patches, cleaning, device etc.
- Over time pricking causes nerve damage and tough skin
- Continuous pricking of the fingers causes hard skin and nerve damage;
- It is not pain free
- **In short: It's a hassle**

As a consequence diabetics do not make the required measurement for a good glycemic control. Add to this the inconvenience, discomfort and social embarrassment some people feel when doing the testing. All combined this increases the risk of associated health problems.



The use of conventional BGM.

Economic implication of diabetes

The costs associated with the (mis-)management and care of patients with diabetes constitute a sizeable proportion of the total healthcare expenditure, typically more than 10% of the total budget. In addition to this, there are indirect costs such as impact on the family and economy due to loss of productivity.

In the European region (25 contributing EU countries), there are about 25 million diabetics contributing to a prevalence of 7.8 percent of the population. This number is likely to grow to 30 million over the next 20 years. The economic implication of such large disease prevalence rates is in the form of healthcare expenditure that runs into several millions of Euros.

What is required?

What is required is a new solution that can eliminate the problems associated with the conventional finger-prick method - this means a non-invasive solution. A reliable non-invasive glucose measurement device will increase the chances for diabetics to achieve a good glycemic control - CALIBRATION FREE - which means it will be at par with current technology. The solution RSP Systems offer solves all these issues.