IT Volume 3 / Issue 1 - Nominees

Lifetime Dental Cross

Author

Tatjana Dostalova,

Jana Zvarova,

Karel Zvara,

Michaela Seydlova,

Karel Chleborad,

Vaclav Kaspar

/EuroMISE Centre, Prague,

Czech Republic; Department of Pediatric Stomatology,

Second Faculty of Medicine of Charles University and University Hospital Motol; Department of Medical Informatics,

Institute of Computer Science, Academy of Sciences of the Czech Republic; EuroMISE s.r.o.

The Lifetime Dental Cross is an application that uses structured electronic health record to gather and store clinical information about the patient. It is based on a model that has been created during scientific project No. 1ET200300413 supported by the Academy of Sciences of the Czech Republic. This software is a complex tool that allows for fast, effective, voice controllable data collection in the field of paediatric and adult dental care. Collected data are further used in decision support systems for dental care that are under development with support of the project 1M06014 MSMT CR.

This voice module is fully automated and it is being routinely used at the Department of Paediatric Stomatology at the University Hospital Motolin Prague. The programme, in cooperation of the project contractor and the Institute of Computer Sciences AS CR, has been translated to English and it has become a commercial product for the area of the Czech Republic and English speaking countries.

Published on : Sat, 3 Jan 2009