



FP7 Coordination and Support Action to fund 50 technology transfer projects (TTP) in computing systems. This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement n° 609491.

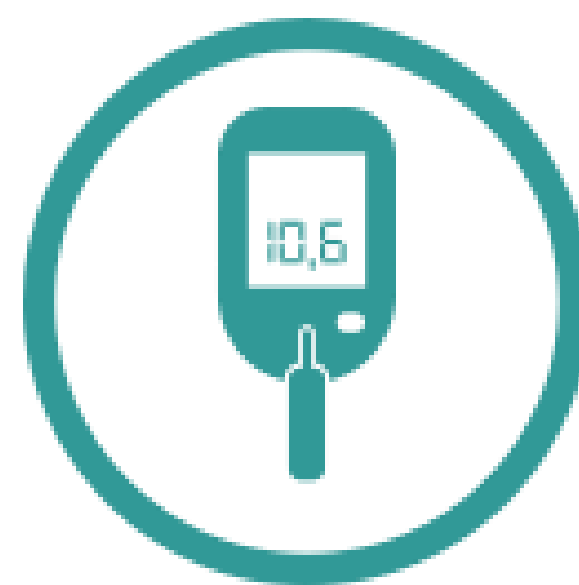
Personalized Nutrition Control Aid for Insulin Patch Pump - PerNuCAP

Janez Gramc, IPD med, Šentjernej, Slovenia
Franc Novak, Barbara Koroušić Seljak, Jožef Stefan Institute, Ljubljana, Slovenia

TTP Problem

diabetes

- tighter control of blood sugar levels reduces the long-term complications
- multiple daily injections are inferior to continuous infusion in controlling sugar levels



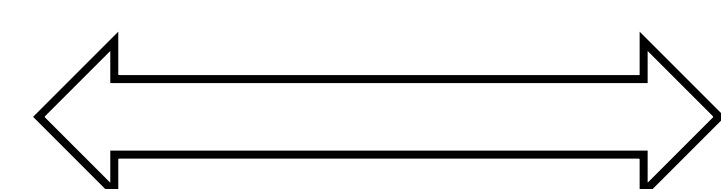
required solution

- a discreet high quality insulin patch pump
- simple means to obtain detailed data on nutrition intake needed for the prediction of insulin dosing profile.

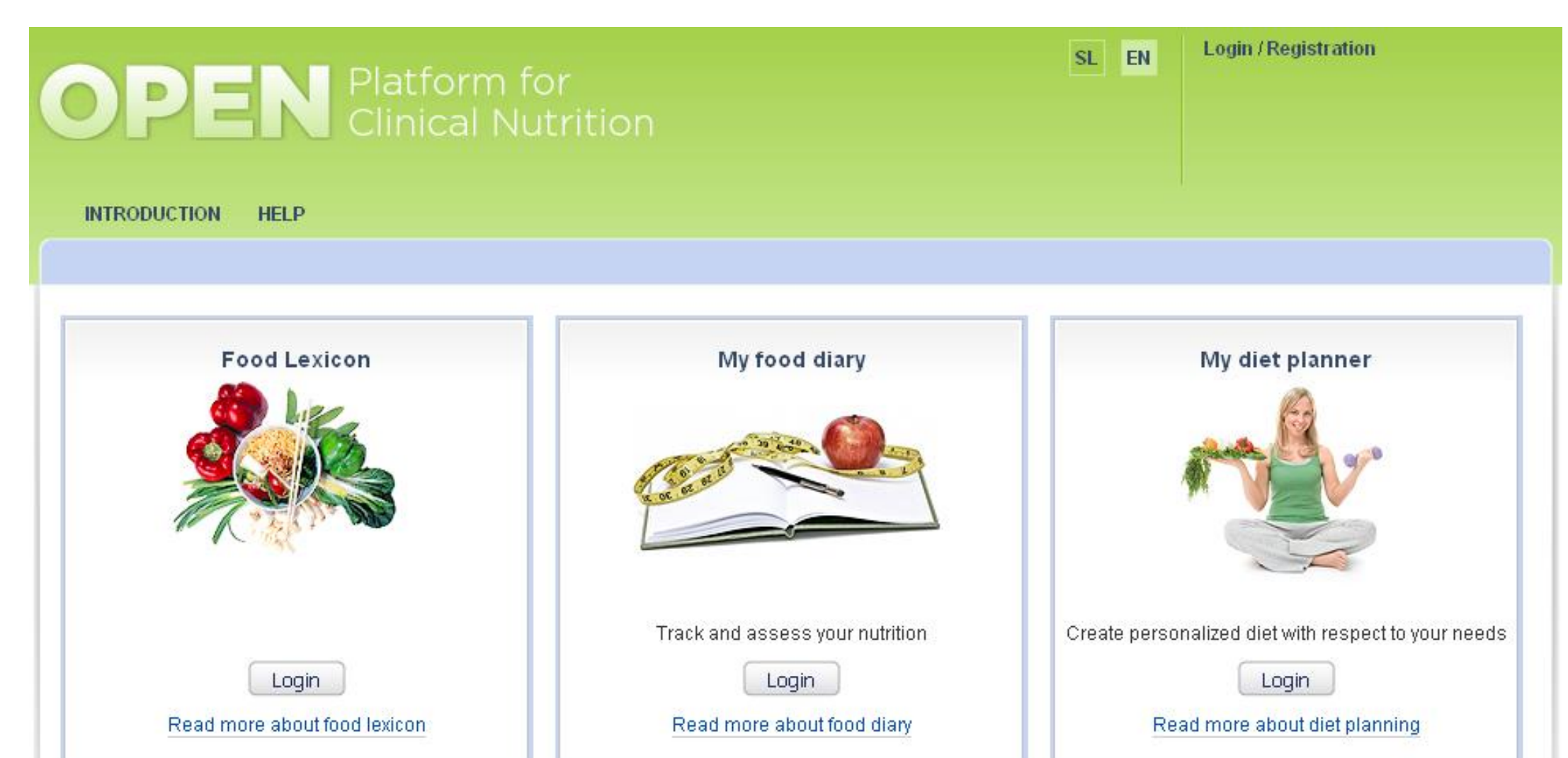
TTP Solution



Insulin Patch Pump developed by **IPDmed**

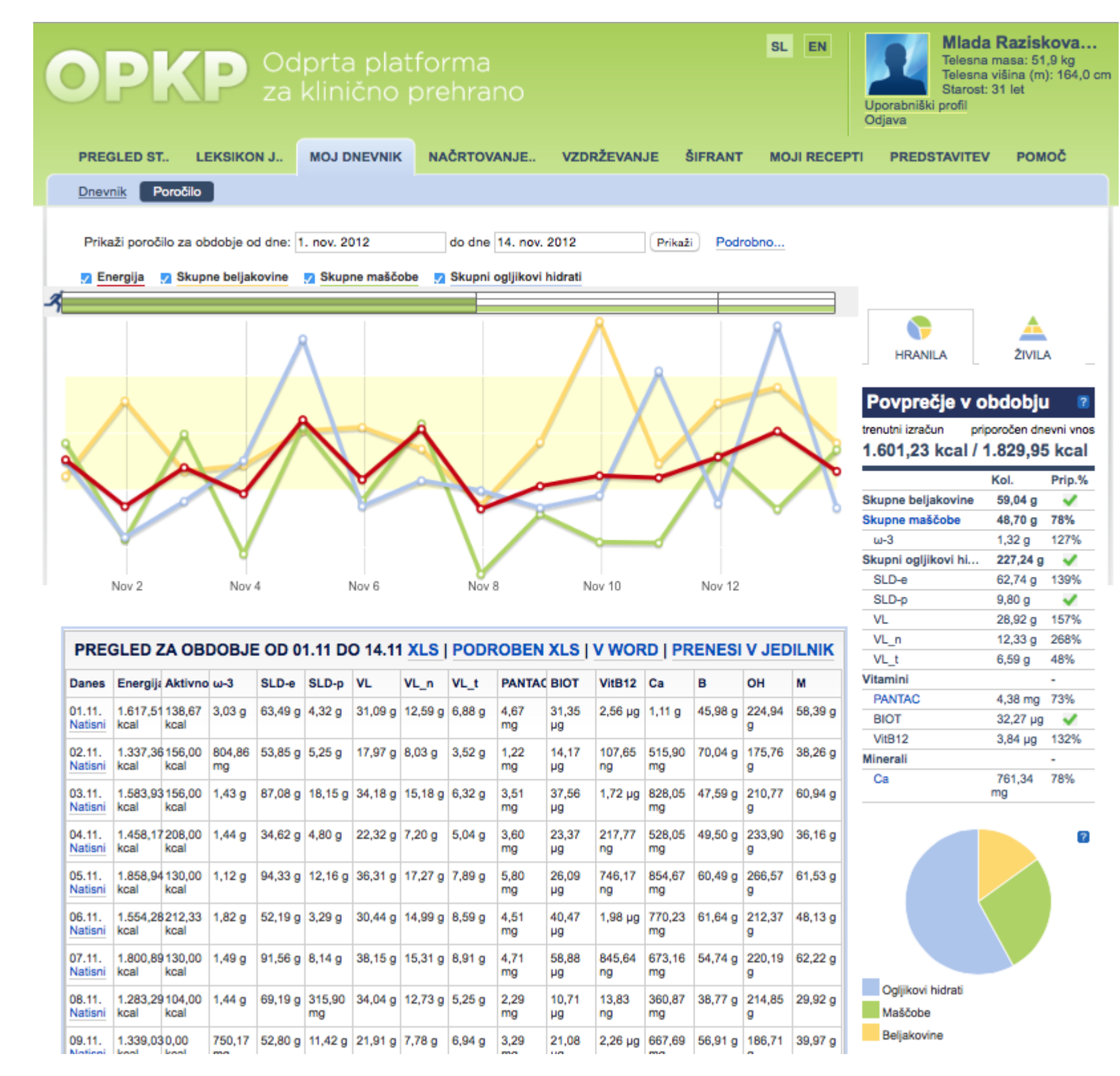
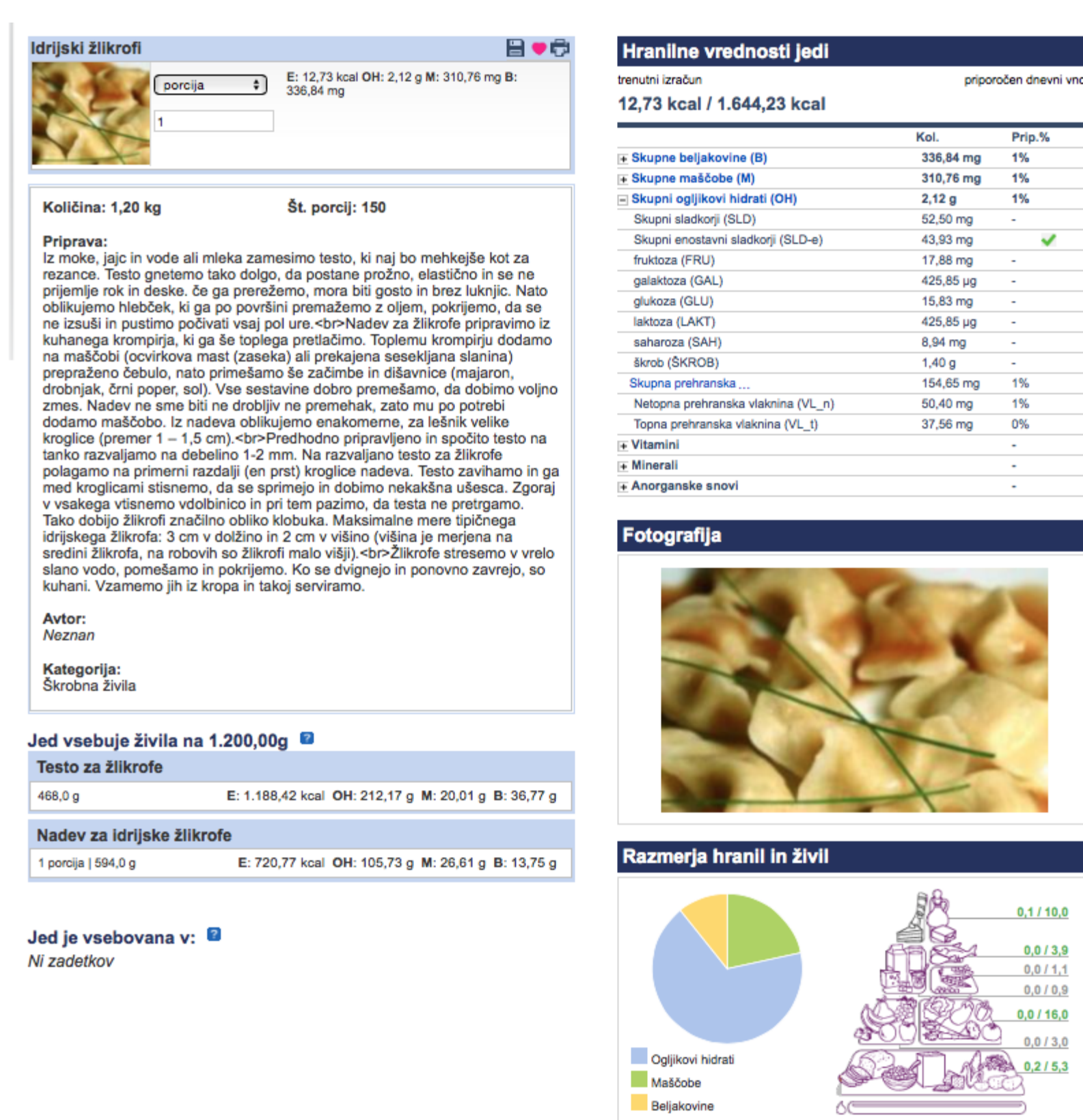


Personalized user interface



OPEN Platform For Clinical Nutrition developed at the Jožef Stefan Institute supports food and physical activity recording and diet planning (<http://opkp.si>)

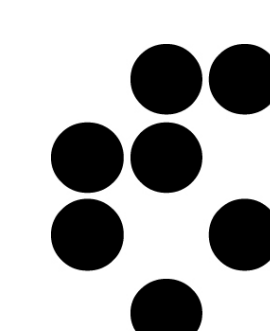
TTP Impact



The insulin therapy is improved by reducing the risk of hypoglycemia caused by improper data input. The aid also allows the user to keep the food diary and provide access to extensive food lexicon.

TTP Facts

Contact: Franc Novak
E-mail: franc.novak@ijs.si
TETRACOM contribution: 25000 €
Duration: 01/01/2016-31/7/2016



Institut "Jožef Stefan", Ljubljana, Slovenija