

ABSTRACT

My topic was about diabetes mellitus in Cyprus in relation with the world. For my diploma work I used literature searches in electronic form from different databases and also books, journals, and published articles.

My diploma thesis was divided into two main parts, the theoretical part and the results.

In the theoretical part diabetes mellitus was described according its definition, classification, clinical manifestations, complications, diagnosis, non-pharmacological and pharmacological treatment.

In the results first were described evidence-based guidelines and recommendations from NICE for the management, non-pharmacological and pharmacological treatment for type 1 and type 2 diabetes mellitus in children and adults.

Then the general situation of diabetes was described for Cyprus, EU, Czech Republic and the world, according the incidence/prevalence of diabetes, cost of diabetes care, government priorities, policy framework, guidelines and reimbursement.

From the results it's obvious that the burden of diabetes is constantly increasing and immediate measures must be taken to prevent further increase. Also it exists the problem with reimbursement for the therapy of diabetes in many countries, including Cyprus.

Cyprus Diabetic Association (CDA) provides great help for the patients with diabetes, especially children, and their families. Among activities of CDA are the Diabetes care, child's annual review, emotional support, help provided from several magazines that CDA is publishing.

Most of EU member states have developed national plans against diabetes, eg. Czech Republic, but EU has still leading role to play in shaping policy and action to encourage member states to provide adequate prevention, diagnosis and control of diabetes.