1. CHILD AND ADOLESCENT HEALTH

FACTORS AFFECTING THE BMI IN ADOLESCENTS ATTENDING THE 2ND AND 3RD CYCLES IN PORTUGUESE SCHOOLS FROM VISEU

Raquel Guiné, Sofia Fernandes, José Abrantes, Ana Cardoso, Manuela Ferreira

Contact details: raquelguine@esav.ipv.pt

Introduction: Many studies show that the prevalence of overweight and obesity among children is rapidly increasing and developing into a major public health problem worldwide.

Objectives: To assess the Body Mass Index (BMI) in school children from 2nd and 3rd cycles in Viseu schools and identify the sociodemographic, behavioural and educational factors that are related to the BMI.

Methods: This is a quantitative descriptive and explanatory study with a convenience sample of 742 students attending schools of the 2nd and 3rd cycles in Viseu. The study was carried out by means of a questionnaire, which was produced for this study and previously submitted to the approval of the competent authority (DGE) for application in school context.

Results: It was found that some sociodemographic factors were associated with BMI, namely age, school year, practicing high competition sport, being federate in a sport or vegetarian diet. Regarding the educational factors associated with BMI these included only the seminars given at school by specialist in nutrition. Furthermore, a significant relation between BMI and SF was found, where SF represents the school sources of knowledge. Finally among the behavioural factors associated to BMI stood: learning in classes, playing in the open air, reading books and use of internet.

Conclusions: The results reinforce the need of adolescents to practice a healthy lifestyle and the role of family and school in providing the right information to help making right food choices.

Finally in the sample at study the incidence of overweight and obesity was not at all preoccupying, thus indicating that the efforts to provide a good education both at home and at school are adequate and must be carried on.

Keywords: Body mass index. School children. Food education.

QUALITY OF LIFE OF CHILDREN AND YOUNG PEOPLE WITH DIABETES MELLITUS TYPE I

Dulce Galvão, Ana Miguéns, Andreia Barreto, Inês Lemos

Contact details: dgalvao@esenfc.pt

Introduction: Diabetes Mellitus type I (DMTI) has become apparent in children/young people, a current and worrisome problem due to increasing incidence and prevalence. In addition to its consequences, it interferes with the quality of life (QOF), representing a public health issue.

Objectives: Characterize the QOL of children/young people with DMTI; identify factors influencing children/young people with DMTI QOL; check DMTI impact in the QOF of children/young people.

Methods: Systematic review of full text studies, published from January 2006 to June 2014 that included the QOF of children/young people with DMTI, children/young people with DMTI with no other pathology and their parents, consulting CINAHL, MEDLINE, MedicLatina, Academic Search Complete, Psychology and Behavioral Sciences Collection and Scholar Google, using “quality of life”, “child***”, “diabetes”. Studies of children/young people with DMTI and other chronic illness were excluded. 546 articles have been identified, 11 selected and seven used.

Results: Parents perceive less QOL and greater impact in the life of children/young people than them. Children/young people QOL improve with the insulin pump and severe hypoglycemic crisis and ketoacidosis decrease. Gender and age group influence children/young people QOL. Severe hypoglycemic crisis are related to the parents’ fear of hypoglycemia, affecting their and their children’s QOL. Young people using complementary and alternative Medicine have better QOL than those using stress relief activities. Children with DMTI have impaired school performance.
HEALTH LITERACY PRIORITIES IN PRIMARY HEALTH CARE
Ana Rita Pedro, Paulo Sousa, Marta Costa
National School of Public Health, NOVA University of Lisbon, Portugal.
Contact details: rita.pedro@ensp.unl.pt

Introduction: Health literacy has been identified as a way to improve health care in Portugal. Several studies have shown that exist a relation between low levels of health literacy and poorer health condition.

Aims: To develop a methodology that allows the prioritization of health literacy needs from the physicians and citizens perspectives.

Methods: Survey with three dimensions: health management and wellbeing; access and utilization of health care services; informational resources. The survey was applied to 1404 citizens and 79 physicians, aiming to answer the questions what the people needs?

Results: Citizens priorities Dimension 1-1 st understand the instructions on how to take a prescribed medicine; 2nd find information on treatments of illnesses that concern you; 3rd find out what to do in case of a medical emergency; 4th understand the differences between treatment options; 5th find information about symptoms of illnesses that concern you. Dimension 2- find out information about 1st which transport should take to health services according to the situation; 2nd how to manage in the best way the health expenses; 3rd the social sector support. Physicians priorities Dimension 1-1 st (equal); 2nd (equal); 3rd find out information about family planning and contraceptives methods; 4th find out information about sexual risk behaviors; 5th find information about healthy nutrition. Dimension 2-2 nd find out information about 1st schedules and general functioning; 2nd different services available in which unit; 3rd to which service should go according the personal needs.

Conclusion: Comparing the perspectives, there are significant diversions in the health literacy interests. It’s crucial the development of mechanisms that allows people to participate in the health literacy promotion interventions.

Keywords: Health literacy. Primary health care. Empowerment.

THE IMPACT OF ORAL HEALTH ON QUALITY OF LIFE IN TYPE-2 DIABETIC OLDER PEOPLE FROM INLAND NORTHERN PORTUGAL
Maria Teresa Pimenta Paço, Maria José Gomes, Cristina Teixeira
1ULS Nordeste, Portugal; 2Instituto Politécnico de Bragança, Escola Superior de Saúde, Portugal; 3Instituto Politécnico de Bragança, Instituto de Saúde Pública da Universidade do Porto, Portugal.
Contact details: mgomes16mgomes@gmail.com

Introduction: The assessment of the relationship between oral health and quality of life (OHRQOL) is crucial to planning oral health care programs but there is paucity in research on such relationship among people with poor oral health.

Objectives: To assess the OHRQOL among older diabetic people from inland Northern Portugal.

Methods: A cross-sectional study was carried out among 250 type-2 diabetic individuals aged 65 years or more; 54% being female. Data collection included clinical examinations and structured interviews. The OHRQOL was assessed by using the OHIP-14 questionnaire (scale ranged from 0 to 56; higher scores indicating poorer OHRQOL). Multiple linear regression analyses were conducted separately by gender, using OHIP-14 score as explanatory variables. Multiple standardized regression coefficients (β) were obtained for variables that kept in the model through a stepwise procedure.

Results: Clinical examination revealed that women had poorer oral health than men. OHIP-14 score was significantly higher among people with poor oral health. The OHRQOL showed a different pattern by gender. OHIP-14 score was significantly higher in female group than male.

Conclusions: The OHRQOL showed a different pattern by gender. Among men the number of natural posterior teeth had impact on OHRQOL, highlighting the importance of strategies in preserving natural teeth throughout lifetime.

Keywords: Diabetes. Oral health. Quality of life. Elderly.