Exploring Knowledge of Parent with Children Diagnosed with Type 1 Diabetes in Eastern Province Saudi Arabia

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Introduction

More than 180 million people worldwide suffer from diabetes. Unfortunately, it is very likely that this number will more than double by 2030 (American Diabetes Association, 2008). The incidence of type 1 diabetes has been increasing all over the world including Saudi Arabia.

On 2008, Al-Herbish et al stated that the prevalence of T1DM among Saudi children is estimated to be 109.5 per 100,000. Moreover, the incidence rate of T1DM is dramatically increased on Eastern Province in Saudi children 36.99/100.000/year as proved by Abduljabbar et al, 2010

Aim of The Study

The earlier detection of T1DM could improve early intervention in managing the disease. This research aims to explore health promotion strategies offered in children diabetic clinic served by a university hospital and governmental hospital in Saudi Arabia. Moreover to identify knowledge of children diagnosed with T1DM about this condition and the health promotion strategies used within the clinics for the children and their family

Methods

In order to achieve that purpose, this research applied an ethnographic study design using qualitative methods of data collection.

The methods of data collection include:

1. Observation at the pediatric diabetic clinics in two big hospitals in eastern province.
2. In depth interview with the health team at each clinic for their views of health promotion guidance for children and young people and parent.
3. Interviewing parent with their children and adolescent on their knowledge of T1DM and their understanding of health promotion guidance. I used doll during interview with younger children to facilitate inspire them to talk. Also allow them to draw their prefer food.

Result

- The interview transcript and observations are thematically analyse.
- The sample of this study contains; 7 health team, 16 children and adolescents and 16 parents.

Tentative theme and subtheme

Thematic analysis is in progress but here is some of the codes and quotes for parent:

Codes	Quotes
Adopt Western Diet	In the lunch time, for example, you will found Coke, Pepsi, and chips. That what they are want to eat or they will order by phone fast food.
Neglect other diabetic clinic	I do not have time, it takes a long time, and I have other home commitments

Conclusion

The study seeks to potentially identify area for improvement from the perspective of children, young people and parents the challenges health professionals face when providing health promotion in this clinical field.

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