

# Parental knowledge regarding first permanent molar of children in Bucharest

**Language:** English

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**Introduction**

First permanent molar is recognized as the most important tooth in the arch; its early loss generates morphological and functional disorders. Cultural and educational models provided by parents have a decisive significance in shaping the child's oral health behaviour.

**Objectives**

To assess the parenteral knowledge regarding first permanent molar.

**Material and Methods**

- A self-administered questionnaire with 10 items was distributed among 240 parents, in october 2010;
- Demografic information;
- Knowledge regarding erupting age and place of the first permanent molar;
- Knowledge regarding methods of tooth decay prevention;
- Sources of oral health information;
- Test group: Parents of children in 4 randomly selected kindergartens in Bucharest.

**Results**

- Rate of responsiveness 87.5%;
- Parents aged between 26-35 years;
- 88% females and 12% males;
- 63.3% have education higher than secondary school level.

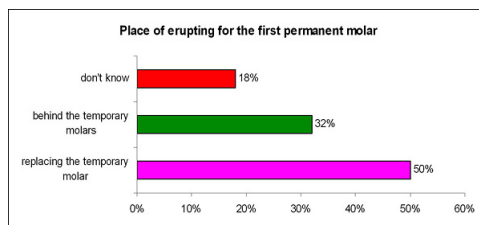
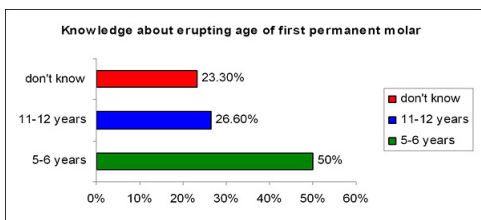


Fig. 1: Knowledge about erupting age of first permanent molar

Fig. 2: Place of erupting for the first permanent molar

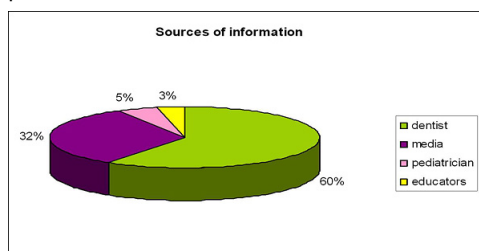
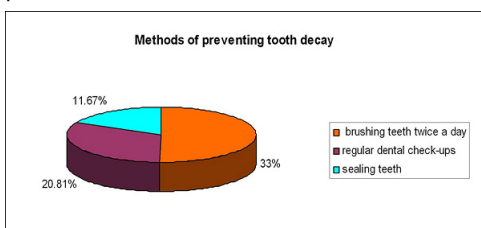


Fig. 3: Methods of preventing tooth decay

Fig. 4: Sources of information

## Conclusions

The relatively low level of parental knowledge and low awareness of preventive methods indicated a need for them to receive accurate information about factors influencing the oral health of preschool children in Bucharest, Romania.

## Literature

1. Ivan A, Luca R, Vinereanu A, Stanciu I. Parents' sources of information on caries prevention in temporary dentition. OHDMBSC 2006;V(2):31-36
2. Luca R, Vinereanu A, Stanciu J, Ivan A. Sealing of the first permanent molar - applicability on the patients' first visit to the Pediatric Dentistry Department. OHDMBSC 2002;2:42-7
3. Okada M, Kawamura M, Hayashi Y et. al. Simultaneous interrelationship between the oral health behaviour and oral health status of mother and their children. J Oral Sci 2008;50(4):447-452
4. Pasareanu M, Rotaru D, Balan A. The mothers' role in effecting and supervising the early childhood oro-dental hygiene. J Prev Med 2008;16(1-2):116-124


This Poster was submitted by *Dr. Ruxandra Sfeatcu*.

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## Poster Faksimile:



### Parental knowledge regarding first permanent molar of children in Bucharest

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#### Introduction

- First permanent molar is recognized as the most important tooth in the arch; its early loss generates morphological and functional disorders.
- Cultural and educational models provided by parents have a decisive significance in shaping the child's oral health behaviour.

#### Aim

- To assess the parental knowledge regarding first permanent molar

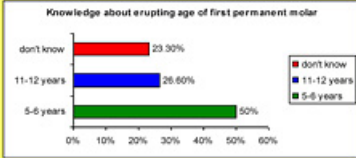
#### Materials and method

- A self-administered questionnaire with 10 items was distributed among 240 parents, in October 2010.
- Demographic information
- Knowledge regarding erupting age and place of the first permanent molar
- Knowledge regarding methods of tooth decay prevention
- Sources of oral health information.
- Test group: Parents of children in 4 randomly selected kindergartens in Bucharest.

#### Results

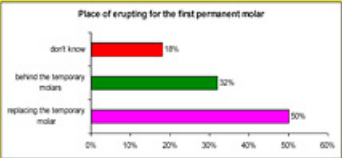
- Rate of responsiveness 87.5%;
- Parents aged between 26-35 years;
- 88% females and 12% males;
- 63.3% have education higher than secondary school level.

#### Knowledge about erupting age of first permanent molar



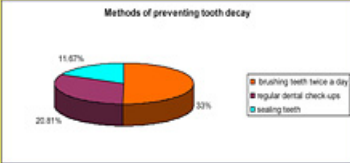
Age Group	Percentage
don't know	23.30%
11-12 years	26.60%
5-6 years	50%

#### Place of erupting for the first permanent molar




Place	Percentage
don't know	18%
behind the temporary molars	32%
replacing the temporary molar	50%

#### Methods of preventing tooth decay



Method	Percentage
brushing teeth twice a day	11.67%
regular dental check-ups	25.81%
sealing teeth	62.52%

#### Sources of information



Source	Percentage
dentist	32%
media	60%
p pediatrician	8%
educators	0%

#### Conclusions

- The relatively low level of parental knowledge and low awareness of preventive methods indicated a need for them to receive accurate information about factors influencing the oral health of preschool children in Bucharest, Romania.

#### References

1. Ivan A, Luca R, Vinereanu A, Stanciu I. Parents' sources of information on caries prevention in temporary dentition. OHDMBSC 2006;V(2):31-36
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