

KNOWLEDGE AND ATTITUDE REGARDING MOLAR INCISOR HYPOMINERALIZATION AMONGST EGYPTIAN DENTISTS

Dear colleagues:

You are invited to participate in a survey as a part of research assessing the knowledge, perception, and attitude regarding Molar Incisor Hypomineralization. The survey consists of 34 questions. It will take approximately 3 minutes to complete the survey. Your responses are recorded anonymously.

Abbreviations:

MIH:Molar Incisor Hypomineralization, **FPM**:First Permanent Molar

Thank you for your participation

* Required

Socio-demographic background and practice profile

1

Your gender *

male

female

2

Your age group *

<30 yrs

31-40 yrs

41-50 yrs

51-60 yrs

>60 yrs

3

Which University have you graduated from? *

Public

Private

4

Are you a General practitioner or a Specialist? * General practitioner Specialist

5

If You are a specialist

(please specify your specialty):

 Paediatric Dentistry Endodontics Orthodontics Restorative Dentistry Periodontology Prosthodontic Oral and Maxillofacial Surgery

6

Did you obtain any additional qualification which is relevant to the dental profession?***If yes, please specify your qualification (Multiple answers are possible). *** Post-graduate Diploma Master's degree Doctoral degree Fellowship Membership

7

How many years have you been practicing? *

- Less than 5 years
- 5 to 10 years
- 11 to 20 years
- 21 to 30 years
- More than 30 years

8

Where do you practice? (Multiple answers are possible) *

- Private Sector
- Public Sector
- University Setting

Awareness, Knowledge and perception

9

Are you familiar with MIH? *

Yes

No

10

If yes, how did you learn about it? (Multiple answers are possible).

Undergraduate curricula

Postgraduate curricula

Both undergraduate and postgraduate curricula

From a colleague

From published research

11

Do you know the clinical characteristics of MIH? *

Yes

No

12

Have you been aware that MIH is a developmental defect that differs from fluorosis and hypoplasia? *

Yes

No

13

1. **In your best judgment, how prevalent is MIH in your community?** (One answer is possible). *

- <5 %
- 5-10%
- >20 %
- Not sure

14

Which factors do you think are involved in the etiology of MIH? (Multiple answers are possible). *

- Genetic factors
- Environmental contaminants
- Acute medical conditions affecting the mother or her child.
- Chronic medical conditions affecting the mother or her child.
- Antibiotics or medications
- Fluoride exposure

15

When do you think this insult most likely happened? (One answer is possible) *

- During pregnancy
- 1st year of life
- 3rd year of life
- Pregnancy to 1st year of life
- Pregnancy to 3rd year of life

16

Do you think that the pattern of caries related to MIH is different from the classical caries pattern? *

- Yes
- No
- Not sure

Perception, clinical experience, continuing education

17

Do you encounter teeth with MIH in your practice? *

- Yes
- No

18

How often do you notice MIH-affected teeth in the clinic? *

- Daily basis
- Weekly basis
- Monthly basis
- Yearly basis

19

As a clinician, do you feel prepared enough to diagnose a patient with MIH? *

- Yes, in the initial and advanced stages.
- Yes, only in the initial stages.
- Not (Answer the last question)

20

Do you know if there are clinical criteria to diagnose MIH? *

- Yes, and I know how to implement them.
- Yes, but I do not know how to implement them.
- No

21

What is the most frequent type/ defect seen in your practice? *

- White demarcated defects
- Yellow/ brown demarcations
- Post-eruptive breakdown
- None

22

In your practice, have you ever treated a patient with MIH? *

- Yes
- No

23

How confident do you feel in managing MIH teeth? *

- Very confident
- Confident
- Doubtful
- Unconfident

24

In your practice do you encounter demarcated hypomineralized defects in permanent teeth other than FPM and Incisors ? (Multiple answers are possible) *

- Premolars
- Second permanent molars
- Canines
- None

25

How frequently do you notice demarcated hypomineralized lesions in the second deciduous molars compared to the first permanent molars? (one answer is possible) *

- More often
- Rarely
- Just as common as with the first permanent molar
- Never seen

26

Do you feel the incidence has increased in the period of your practice? *

- yes
- No

27

Would you refer a child who has signs of MIH to a paediatric dental specialist for treatment? *

- Yes or when possible
- No

28

Do you think MIH represents a clinical problem that could come next to dental caries in public health? * *

- Yes
- No

29

What type of preventive treatment do you often use to treat these teeth? (Multiple answers are possible).*

- Fluoride varnish
- Silver diamine fluoride solution
- Tooth mousse
- Fissure sealant

30

Which material do you use MOST in treating MIH molars?(multiple answers are possible)* *

- Microabrasion
- Resin infiltration
- Glass ionomer
- Composite
- Amalgam
- Preformed crowns
- Extraction

31

Which of the following factors would influence your choice of restorative materials?(multiple answers are possible) *

- Adhesion
- Aesthetics
- Patient/parent preference
- Durability
- Remineralization potential
- Hypersensitivity
- Personal experience
- Research results

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Would you like further training regarding tooth hypomineralization? (Multiple answers are possible).*

- Diagnosis
- Aetiology
- Treatment
- No training

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