Pediatric denstists

December 01, 2020

# Table 1 Participants’ demographics

Imp notes :

Gender distribution is greatly shifted towards females

| Characteristic | N | N = 2411 |
| --- | --- | --- |
| **Gender** | 241 |  |
| *Female* |  | 200 (83%) |
| *Male* |  | 41 (17%) |
| **Degree** | 241 |  |
| *Diploma* |  | 8 (3.3%) |
| *MSc student or holder* |  | 189 (78%) |
| *Doctorate degree (PhD)* |  | 39 (16%) |
| *Other* |  | 5 (2.1%) |
| **Years.of.experience.in.pediatric.dentistry** | 241 |  |
| *1-5 years* |  | 131 (54%) |
| *6-10 years* |  | 64 (27%) |
| *11-20 years* |  | 43 (18%) |
| *More than 20 years* |  | 3 (1.2%) |
| **country** | 241 |  |
| *Egypt and others* |  | 7 (2.9%) |
| *Egypt only* |  | 234 (97%) |
| 1Statistics presented: n (%) | | |

# Table 2

| Characteristic | N | N = 2411 |
| --- | --- | --- |
| **Frequency of encountering children with heart disease in practice** | 241 |  |
| *Almost daily* |  | 1 (0.4%) |
| *Rarely* |  | 123 (51%) |
| *Several times a month* |  | 30 (12%) |
| *Several times a week* |  | 7 (2.9%) |
| *Several times a year* |  | 80 (33%) |
| **guideline** | 241 |  |
| *AHA* |  | 145 (60%) |
| *NICE* |  | 7 (2.9%) |
| *AAPD Guidline* |  | 0 (0%) |
| *ESC* |  | 5 (2.1%) |
| *Not sure* |  | 84 (35%) |
| **Do.you.refer.a.child.with.congenital.acquired.heart.disease.to.pediatric.cardiologists.for.consultation.before.dental.treatment.** | 241 |  |
| *No, i don't refer patients.* |  | 16 (6.6%) |
| *Yes, all children with congenital/acquired heart diseases.* |  | 158 (66%) |
| *Yes, only children at risk of infective endocarditis.* |  | 67 (28%) |
| **Who prescribes the prophylactic antibiotic if needed?** | 241 |  |
| *I prescribe it myself* |  | 68 (28%) |
| *The pediatric cardiologist* |  | 173 (72%) |
| **How.do.you.consider.a.child.as.having.a.risk.for.infective.endocarditis.** | 241 |  |
| *According to the guidelines.* |  | 79 (33%) |
| *According to the physician consultation.* |  | 129 (54%) |
| *I ask the parents.* |  | 33 (14%) |
| **Pediatric denstists involved in oral health education for children with heart diseases** | 241 | 80 (33%) |
| **Pediatric denstists involved in oral health education of pediatric cardiologists** | 241 | 25 (10%) |
| 1Statistics presented: n (%) | | |

# Relations with years of experience

| Characteristic | N | 1-5 years, N = 1311 | 6-10 years, N = 641 | 11-20 years, N = 431 | More than 20 years, N = 31 |
| --- | --- | --- | --- | --- | --- |
| **guideline** | 241 |  |  |  |  |
| *AHA* |  | 79 (60%) | 40 (62%) | 23 (53%) | 3 (100%) |
| *NICE* |  | 3 (2.3%) | 2 (3.1%) | 2 (4.7%) | 0 (0%) |
| *ESC* |  | 4 (3.1%) | 0 (0%) | 1 (2.3%) | 0 (0%) |
| *Not sure* |  | 45 (34%) | 22 (34%) | 17 (40%) | 0 (0%) |
| **refer** | 241 |  |  |  |  |
| *No* |  | 10 (7.6%) | 4 (6.2%) | 2 (4.7%) | 0 (0%) |
| *All children* |  | 85 (65%) | 40 (62%) | 30 (70%) | 3 (100%) |
| *Only at risk* |  | 36 (27%) | 20 (31%) | 11 (26%) | 0 (0%) |
| **Who prescribes the prophylactic antibiotic if needed?** | 241 |  |  |  |  |
| *I prescribe it myself* |  | 34 (26%) | 22 (34%) | 12 (28%) | 0 (0%) |
| *The pediatric cardiologist* |  | 97 (74%) | 42 (66%) | 31 (72%) | 3 (100%) |
| **How.do.you.consider.a.child.as.having.a.risk.for.infective.endocarditis.** | 241 |  |  |  |  |
| *According to the guidelines.* |  | 35 (27%) | 25 (39%) | 19 (44%) | 0 (0%) |
| *According to the physician consultation.* |  | 75 (57%) | 31 (48%) | 20 (47%) | 3 (100%) |
| *I ask the parents.* |  | 21 (16%) | 8 (12%) | 4 (9.3%) | 0 (0%) |
| **In.your.opinion..when.should.oral.foci.of.infection.be.eliminated.before.cardiac.surgeries.in.children.at.risk.of.infective.endocarditis.** | 241 |  |  |  |  |
| *Less than a week before surgery.* |  | 17 (13%) | 1 (1.6%) | 2 (4.7%) | 0 (0%) |
| *One month before surgery.* |  | 57 (44%) | 28 (44%) | 19 (44%) | 2 (67%) |
| *One week before surgery.* |  | 40 (31%) | 16 (25%) | 10 (23%) | 0 (0%) |
| *Time does not matter.* |  | 17 (13%) | 19 (30%) | 12 (28%) | 1 (33%) |
| 1Statistics presented: n (%) | | | | | |

# Relations with type of dental practice

# Encountering children with heart diseases

| **Dental practice** | **Almost.daily** | **Rarely** | **Several.times..a.month** | **Several.times..a.week** | **Several.times.a.year** | **Total** |
| --- | --- | --- | --- | --- | --- | --- |
| Charity organization | 0 | 33 | 17 | 0 | 50 | 6 |
| Governmental Academic | 0 | 28 | 24 | 4 | 43 | 95 |
| Ministry of Health | 1 | 61 | 5 | 1 | 31 | 74 |
| Private Academic | 1 | 46 | 10 | 3 | 39 | 71 |
| Private practice | 0 | 55 | 8 | 3 | 34 | 157 |

## Guideline

| **Dental practice** | **AHA** | **NICE** | **ESC** | **Not.sure** | **Total** |
| --- | --- | --- | --- | --- | --- |
| Charity organization | 67 | 0 | 17 | 17 | 6 |
| Governmental Academic | 67 | 3 | 2 | 27 | 95 |
| Ministry of Health | 57 | 1 | 3 | 39 | 74 |
| Private Academic | 56 | 3 | 0 | 41 | 71 |
| Private practice | 62 | 3 | 3 | 32 | 157 |

## Referral

| **Dental practice** | **No** | **All.children** | **Only.at.risk** | **Total** |
| --- | --- | --- | --- | --- |
| Charity organization | 0 | 33 | 67 | 6 |
| Governmental Academic | 4 | 66 | 29 | 95 |
| Ministry of Health | 8 | 61 | 31 | 74 |
| Private Academic | 0 | 63 | 37 | 71 |
| Private practice | 8 | 66 | 26 | 157 |

## Antibiotic prescription

| **Dental practice** | **I.prescribe.it.myself** | **The.pediatric.cardiologist** | **Total** |
| --- | --- | --- | --- |
| Charity organization | 50 | 50 | 6 |
| Governmental Academic | 28 | 72 | 95 |
| Ministry of Health | 43 | 57 | 74 |
| Private Academic | 24 | 76 | 71 |
| Private practice | 28 | 72 | 157 |

## Risk for IE

| **Dental practice** | **According.to.the.guidelines.** | **According.to.the.physician.consultation.** | **I.ask.the.parents.** | **Total** |
| --- | --- | --- | --- | --- |
| Charity organization | 50 | 17 | 33 | 6 |
| Governmental Academic | 41 | 49 | 9 | 95 |
| Ministry of Health | 27 | 59 | 14 | 74 |
| Private Academic | 25 | 55 | 20 | 71 |
| Private practice | 32 | 54 | 14 | 157 |

## Oral health education

| **Dental practice** | **No** | **Yes** | **Total** |
| --- | --- | --- | --- |
| Charity organization | 100 | 0 | 6 |
| Governmental Academic | 91 | 9 | 95 |
| Ministry of Health | 89 | 11 | 74 |
| Private Academic | 89 | 11 | 71 |
| Private practice | 89 | 11 | 157 |

## why do children with Cong heart come for dental visits

didn’t find this question

## Oral foci

| **Dental practice** | **Less.than.a.week.before.surgery.** | **One.month.before.surgery.** | **One.week.before.surgery.** | **Time..does.not.matter.** | **Total** |
| --- | --- | --- | --- | --- | --- |
| Charity organization | 0 | 0 | 100 | 0 | 6 |
| Governmental Academic | 4 | 46 | 29 | 20 | 95 |
| Ministry of Health | 14 | 36 | 31 | 19 | 74 |
| Private Academic | 7 | 49 | 24 | 20 | 71 |
| Private practice | 8 | 48 | 23 | 22 | 157 |