

Questionnaire of oral health care during pregnancy

1. Demographics

1.1 Gender: 1. Male 2. Female

1.2 Workplace: _____

1.3 Age: _____

1.4 Occupation: 1. Obstetrician 2. Gynecologist 3. Midwife 4. Assistant

1.5 Time in practice: _____ Years

2. Oral Health and Pregnancy

| | Strongly Agree | Somewhat Agree | Neither Agree/ Disagree | Somewhat Disagree | Strongly Disagree |
|--|----------------|----------------|-------------------------|-------------------|-------------------|
| Oral health can affect systemic health. | 1 | 2 | 3 | 4 | 5 |
| Bacteria that causes caries is transmissible from mother to baby. | 1 | 2 | 3 | 4 | 5 |
| Hormonal changes in pregnant women increase their risk of gum disease. | 1 | 2 | 3 | 4 | 5 |
| Modification in diet, frequency of eating and emesis can increase the risk of developing caries. | 1 | 2 | 3 | 4 | 5 |
| Periodontal disease may increase preterm birth, preeclampsia and low birth weight. | 1 | 2 | 3 | 4 | 5 |

3. Counseling Pregnant Patients

| | Strongly Agree | Somewhat Agree | Neither Agree/ Disagree | Somewhat Disagree | Strongly Disagree |
|--|----------------|----------------|-------------------------|-------------------|-------------------|
| Counseling pregnant women about oral health is important. | 1 | 2 | 3 | 4 | 5 |
| Counseling a pregnant woman about oral health can improve the oral health of her baby. | 1 | 2 | 3 | 4 | 5 |
| I am too busy to provide counseling about oral care for pregnant women. | 1 | 2 | 3 | 4 | 5 |
| I have the knowledge to counsel pregnant patients. | 1 | 2 | 3 | 4 | 5 |
| A pregnant woman should be counseled to have a dental visit when their baby's first baby tooth erupts. | 1 | 2 | 3 | 4 | 5 |
| It is necessary to counsel pregnant patients about their diet. | 1 | 2 | 3 | 4 | 5 |
| Dental treatment should be a part of woman's prenatal care. | 1 | 2 | 3 | 4 | 5 |
| OB/GYN are better able than dentists to counsel pregnant patients about oral health. | 1 | 2 | 3 | 4 | 5 |
| It is the dentists' duty to counsel pregnant patients. | 1 | 2 | 3 | 4 | 5 |
| Pregnant patients are more likely to seek dental care if their OB/GYN recommends it. | 1 | 2 | 3 | 4 | 5 |
| There is little I can do to affect a pregnant woman's oral health. | 1 | 2 | 3 | 4 | 5 |
| It's safe to provide dental treatment to a pregnant woman. | 1 | 2 | 3 | 4 | 5 |

| | Often | Sometimes | Rarely | Never |
|---|-------|-----------|--------|-------|
| Do you provide oral health instruction to pregnant patients? | 1 | 2 | 3 | 4 |
| How often do you provide oral exam for pregnant patients? | 1 | 2 | 3 | 4 |
| Do you refer pregnant patient to see a dentist if she complains teeth problem? | 1 | 2 | 3 | 4 |
| Will you suggest pregnant patient to see a dentist after delivery if she complains teeth problem? | 1 | 2 | 3 | 4 |

4. Dental Treatment during Pregnancy

During which period of pregnancy do you believe it is appropriate to provide each of the following services?

| Routine | Anytime during pregnancy | 1 st Trimester | 2 nd Trimester | 3 rd Trimester | Never |
|---|--------------------------|---------------------------|---------------------------|---------------------------|-------|
| Oral examination | 1 | 2 | 3 | 4 | 5 |
| Prophy | 1 | 2 | 3 | 4 | 5 |
| Scaling and root planning | 1 | 2 | 3 | 4 | 5 |
| Single periapical x-ray | 1 | 2 | 3 | 4 | 5 |
| Full mouth x-rays & panoramic radiograph | 1 | 2 | 3 | 4 | 5 |
| Injection of local anesthetic (e.g., lidocaine) | 1 | 2 | 3 | 4 | 5 |
| Single tooth extraction | 1 | 2 | 3 | 4 | 5 |
| Amalgam restoration | 1 | 2 | 3 | 4 | 5 |
| Composite restoration | 1 | 2 | 3 | 4 | 5 |
| Root canal therapy | 1 | 2 | 3 | 4 | 5 |
| Crown | | | | | |
| Nitrous oxide and oxygen sedation | 1 | 2 | 3 | 4 | 5 |
| Emergency | Anytime during pregnancy | 1 st Trimester | 2 nd Trimester | 3 rd Trimester | Never |
| Single tooth extraction | 1 | 2 | 3 | 4 | 5 |
| Injection of local anesthetic | 1 | 2 | 3 | 4 | 5 |
| Incision and draining and abscess | 1 | 2 | 3 | 4 | 5 |
| Temporary filling | 1 | 2 | 3 | 4 | 5 |

Do you believe it can be used safely during pregnancy with indication and supervision?

| Analgesics | Anytime during pregnancy | Short duration | Never |
|---|--------------------------|----------------|-------|
| Acetaminophen | 1 | 2 | 3 |
| Non-steroidal, anti-inflammatory agents, NSAIDS (e.g., Ibuprofen) | 1 | 2 | 3 |
| Antibiotics | Anytime during pregnancy | Short duration | Never |
| Amoxicillin | 1 | 2 | 3 |
| Cephalosporins | 1 | 2 | 3 |
| Clindamycin | 1 | 2 | 3 |
| Metronidazole | 1 | 2 | 3 |
| Ciprofloxacin | 1 | 2 | 3 |

| | | | |
|--|--------------------------|----------------|-------|
| Levofloxacin | 1 | 2 | 3 |
| Moxifloxacin | 1 | 2 | 3 |
| Clarithromycin | 1 | 2 | 3 |
| Tetracycline | 1 | 2 | 3 |
| Anesthetic | Anytime during pregnancy | Short duration | Never |
| Local anesthetics with epinephrine (e.g., lidocaine) | 1 | 2 | 3 |
| Nitrous oxide (30%) | 1 | 2 | 3 |
| Antimicrobials | Anytime during pregnancy | Short duration | Never |
| Chlorhexidine (Without alcohol) | 1 | 2 | 3 |
| Xylitol | 1 | 2 | 3 |

*Short duration: 48-72 hours

5. Education and Information

| | Strong Agree | Somewhat Agree | Neither Agree/Disagree | Somewhat Disagree | Strongly Disagree |
|---|--------------|----------------|------------------------|-------------------|-------------------|
| Interdisciplinary approach between OB/GYN and dentist should be built | 1 | 2 | 3 | 4 | 5 |
| Information about a Continuing Ed program on care for pregnant patients is needed | 1 | 2 | 3 | 4 | 5 |
| Provide oral health instruction and service is necessary. | 1 | 2 | 3 | 4 | 5 |

Questionnaire of oral health care during pregnancy

1. Demographics

1.1 Gender: 1.Male 2.Female

1.2 Workplace: _____

1.3 Age: _____

1.4 Major: 1. General dentist 2. Endodontist 3. Periodontist 4. Oral Surgeon 5. Pediatric dentist 6. Prothodontist
7. Orthodontist 8. Dental Assistant 9. Dental hygienist 9. others

1.5 Time in practice: _____ Years

2. Oral Health and Pregnancy

| | Strongly Agree | Somewhat Agree | Neither Agree/Disagree | Somewhat Disagree | Strongly Disagree |
|--|----------------|----------------|------------------------|-------------------|-------------------|
| Oral health can affect systemic health. | 1 | 2 | 3 | 4 | 5 |
| Bacteria that causes caries is transmissible from mother to baby. | 1 | 2 | 3 | 4 | 5 |
| Hormonal changes in pregnant women increase their risk of gum disease. | 1 | 2 | 3 | 4 | 5 |
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3. Counseling Pregnant Patients

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|---|----------------|----------------|-------------------------|-------------------|-------------------|
| Counseling pregnant women about oral health is important. | 1 | 2 | 3 | 4 | 5 |
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| A pregnant woman should be counseled to have a dental visit when their baby's first baby tooth erupt. | 1 | 2 | 3 | 4 | 5 |
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| Dental treatment should be a part of woman's prenatal care. | 1 | 2 | 3 | 4 | 5 |
| OB/GYN are better able than dentists to counsel pregnant patients about oral health. | 1 | 2 | 3 | 4 | 5 |
| It is the dentists' duty to counsel pregnant patients. | 1 | 2 | 3 | 4 | 5 |
| Pregnant patients are more likely to seek dental care if their OB/GYN recommends it. | 1 | 2 | 3 | 4 | 5 |
| There is little I can do to affect a pregnant woman's oral health. | 1 | 2 | 3 | 4 | 5 |
| It's safe to provide dental treatment to a pregnant woman. | 1 | 2 | 3 | 4 | 5 |
| OB/GYN will be critical of the dentist to provide dental treatment to pregnant patients. | 1 | 2 | 3 | 4 | 5 |
| I am concerned about possible legal action if something goes wrong in a pregnancy after dental treatment. | 1 | 2 | 3 | 4 | 5 |

4. Dental Treatment during Pregnancy

During which period of pregnancy do you believe it is appropriate to provide each of the following services?

| Routine | Anytime during pregnancy | 1 st Trimester | 2 nd Trimester | 3 rd Trimester | Never |
|---|--------------------------|---------------------------|---------------------------|---------------------------|-------|
| Oral examination | 1 | 2 | 3 | 4 | 5 |
| Prophy | 1 | 2 | 3 | 4 | 5 |
| Scaling and root planning | 1 | 2 | 3 | 4 | 5 |
| Single periapical x-ray | 1 | 2 | 3 | 4 | 5 |
| Full mouth x-rays & panoramic radiograph | 1 | 2 | 3 | 4 | 5 |
| Injection of local anesthetic (e.g., lidocaine) | 1 | 2 | 3 | 4 | 5 |
| Single tooth extraction | 1 | 2 | 3 | 4 | 5 |
| Amalgam restoration | 1 | 2 | 3 | 4 | 5 |
| Composite restoration | 1 | 2 | 3 | 4 | 5 |
| Root canal therapy | 1 | 2 | 3 | 4 | 5 |
| Crown | 1 | 2 | 3 | 4 | 5 |

| | | | | | |
|-----------------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------|
| Nitrous oxide (30%) | 1 | 2 | 3 | 4 | 5 |
| Emergency | Anytime during pregnancy | 1 st Trimester | 2 nd Trimester | 3 rd Trimester | Never |
| Single tooth extraction | 1 | 2 | 3 | 4 | 5 |
| Injection of local anesthetic | 1 | 2 | 3 | 4 | 5 |
| Incision and draining and abscess | 1 | 2 | 3 | 4 | 5 |
| Open and broach | 1 | 2 | 3 | 4 | 5 |
| Temporary filling | 1 | 2 | 3 | 4 | 5 |

Do you believe it can be used safely during pregnancy with indication and supervision?

| | | | |
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| Levofloxacin | 1 | 2 | 3 |
| Moxifloxacin | 1 | 2 | 3 |
| Clarithromycin | 1 | 2 | 3 |
| Tetracycline | 1 | 2 | 3 |
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| Chlorhexidine (Without alcohol) | 1 | 2 | 3 |
| Xylitol | 1 | 2 | 3 |

*Short duration: 48-72 hours

How often do you prescribe the following pharmaceuticals for?

| | | | | |
|---|-------|-----------|--------|-------|
| | Often | Sometimes | Rarely | Never |
| Non-steroidal, anti-inflammatory agents, NSAIDS (e.g., Ibuprofen) | 1 | 2 | 3 | 4 |
| Acetaminophen | 1 | 2 | 3 | 4 |
| Chlorhexidine | 1 | 2 | 3 | 4 |
| Oral Antibiotics | 1 | 2 | 3 | 4 |

How often do you perform each of the following procedures on pregnant women?

| | Often | Sometimes | Rarely | Never |
|--|-------|-----------|--------|-------|
| Oral examination | 1 | 2 | 3 | 4 |
| Prophy | 1 | 2 | 3 | 4 |
| Scaling and root planing | 1 | 2 | 3 | 4 |
| Single periapical x-ray | 1 | 2 | 3 | 4 |
| Full mouth x-rays & panoramic radiograph | 1 | 2 | 3 | 4 |
| Injection of local anesthetic | 1 | 2 | 3 | 4 |
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| Root canal therapy | 1 | 2 | 3 | 4 |
| Crown | 1 | 2 | 3 | 4 |
| Nitrous oxide (30%) | 1 | 2 | 3 | 4 |

5. Education and Information

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|---|--------------|----------------|------------------------|-------------------|-------------------|
| Interdisciplinary approach between OB/GYN and dentist should be built | 1 | 2 | 3 | 4 | 5 |
| Information about a Continuing Ed program on care for pregnant patients is needed | 1 | 2 | 3 | 4 | 5 |
| Provide oral health instruction and service is necessary. | 1 | 2 | 3 | 4 | 5 |

The survey questions drawn from an existing research instrument*. Some changes were made according to the current situation in China.

*Huebner C, Milgrom P, Conrad D, Lee R. Providing dental care to pregnant women: a survey of Oregon general dentists. J Am Dent Assoc. 2009;140:211-22.