

## PEDIATRIC CASE STUDY #1

### Smiles for Life

[Smilesforlifeoralhealth.org](http://Smilesforlifeoralhealth.org)

You are seeing the Ramos family children in your office for well child visits: Mary age 6 years, Leonel age 4 years, and Manuel age 3 years. You perform an oral examination on each child. This is the appearance of Mary's teeth:



**How would you classify the level of Early Childhood Caries (ECC) present in Mary's teeth?**

- A. No signs of ECC are present
- B. White spots are present representing the earliest stage of ECC
- C. Brown cavitations are present
- D. Advanced ECC is present

While performing an oral exam on Leonel, age 4, you see the following:



**How would you classify the ECC present in Leonel's teeth?**

- A. No signs of ECC are present
- B. White spots are present representing the earliest stage of ECC
- C. Brown cavitations are present
- D. Advanced ECC is present

While performing an oral exam on Manuel, age 3, you see the following:



**How would you classify the ECC present in Manuel's teeth?**

- A. No signs of ECC are present
- B. White spots are present representing the earliest stage of ECC
- C. Brown cavitations are present
- D. Advanced ECC is present

### **CASE STUDY DISCUSSION**

Using the 4 IPEC Competencies (2011) related to:

1. Working with individuals of other professions to maintain a climate of mutual respect (Values/Ethics),
2. Using the knowledge of one's own role and those of other professions to appropriately assess and address the healthcare needs of the patients and populations served (Roles/Responsibilities)
3. Communicating with patients, families, communities, and other health professionals in a responsive and responsible manner that supports a team approach to the maintenance of health and the treatment of disease (Interprofessional Communication), and
4. Applying relationship-building values and principles of team dynamics to perform effectively in different team roles to plan and deliver patient/population-centered care that is timely, efficient, effective, and equitable (Teams and Teamwork)

**Please collaborate as a team to develop a management plan for the above patient.**

- Oral-Systemic Risk Assessment
  - Identify the oral-systemic assessment findings (Hx and PE HEENOT)
  - What does the history and physical tell us about this patient?
  - What additional data do you need to collect (eg. labs, diet and exercise, etc)
  - Identify oral-systemic risk factors
  
- Differential Diagnosis (es)
  - Identify the tentative diagnoses for the oral health problems
  - Identify the tentative diagnoses for the systemic health problems
  - Discuss the important oral-systemic connections
  
- Develop a management plan for the oral-systemic conditions affecting this patient, including:
  - Preventive Interventions that include: screening and behavior change counseling that are fundamental to patient centered care
    - Anticipatory guidance
    - Oral health maintenance
    - Collaboration and referral

### **Questions to Guide Your Interprofessional Collaboration**

- Roles and Responsibilities
  - What is the scope of the role and responsibilities of each of the providers on your team today?
  
- Collaboration
 

How can the Nurse Practitioner, Dentist and Physician collaborate to promote this patient's health?
  
- Team Building & Communication
  - What do you think are the most effective strategies to help a Nurse Practitioner, Physician, and Dentist function as a community-based primary care team in a primary care medical home (PCMH)?
  - What are the most effective ways for the IP team to communicate?
  
- Referrals
 

What providers does this patient need to see? When? How often?