

## 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

## **DISCUSSION**

Using the 4 IPEC Competencies (2016) related to:

1. Working with individuals of other professions to maintain a climate of mutual respect and shared values (Values/Ethics for Interprofessional Practice);
2. Using the knowledge of one's own role and those of other professions to appropriately assess and address the health care needs of patients and to promote and advance the health of populations (Roles/Responsibilities);
3. Communicating with patients, families, communities, and professionals in health and other fields in a responsive and responsible manner that supports a team approach to the promotion and maintenance of health and the prevention and treatment of disease (Interprofessional Communication);
4. Applying relationship-building values and the principles of team dynamics to perform effectively in different team roles to plan, deliver and evaluate patient/population-centered care and population health programs and policies that are safe, 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?
  - What are the social determinants of health that need to be considered to provide effective whole person care for the Ramos children and their family?
  - What are the most effective ways for the IP team to communicate?
- Referrals and Follow up
  - What providers do these patients need to see? When? How often?
  - What are the follow up actions for which each member of the IP team needs to be responsible to maximize coordinated care for the Ramos Children?