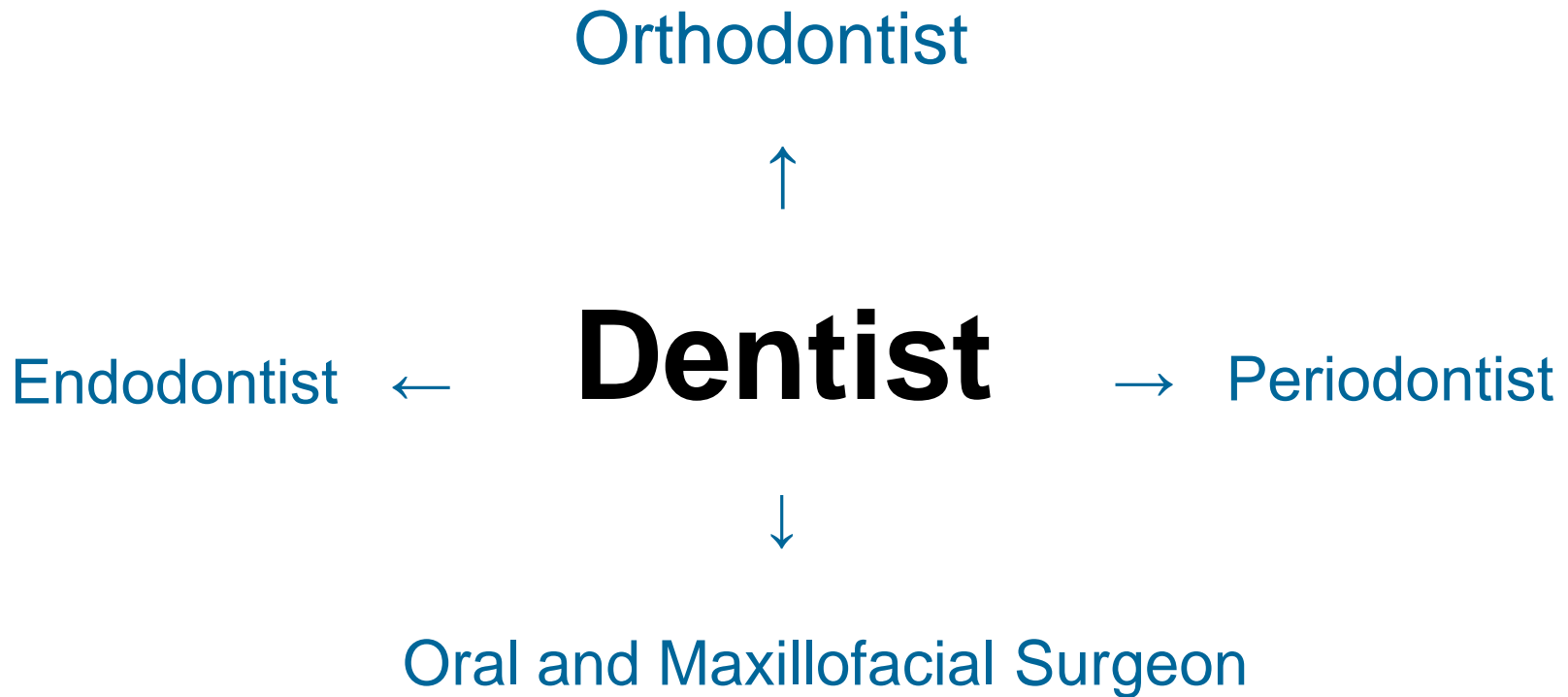


# Orthodontic Problems in the Seven Year Old Patient



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# Dental Health Care Team



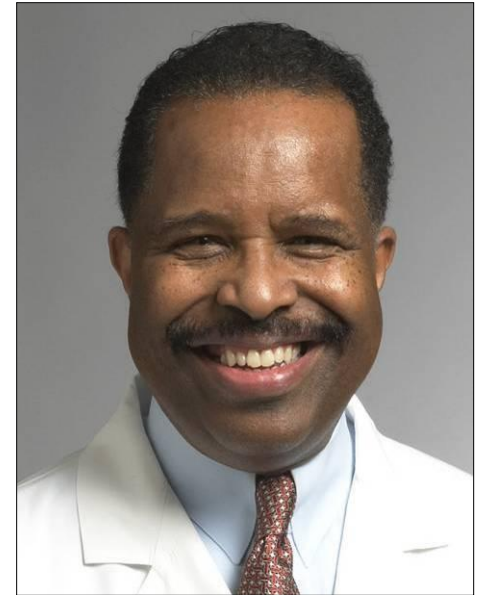
# Orthodontist as a Member of the Dental Team



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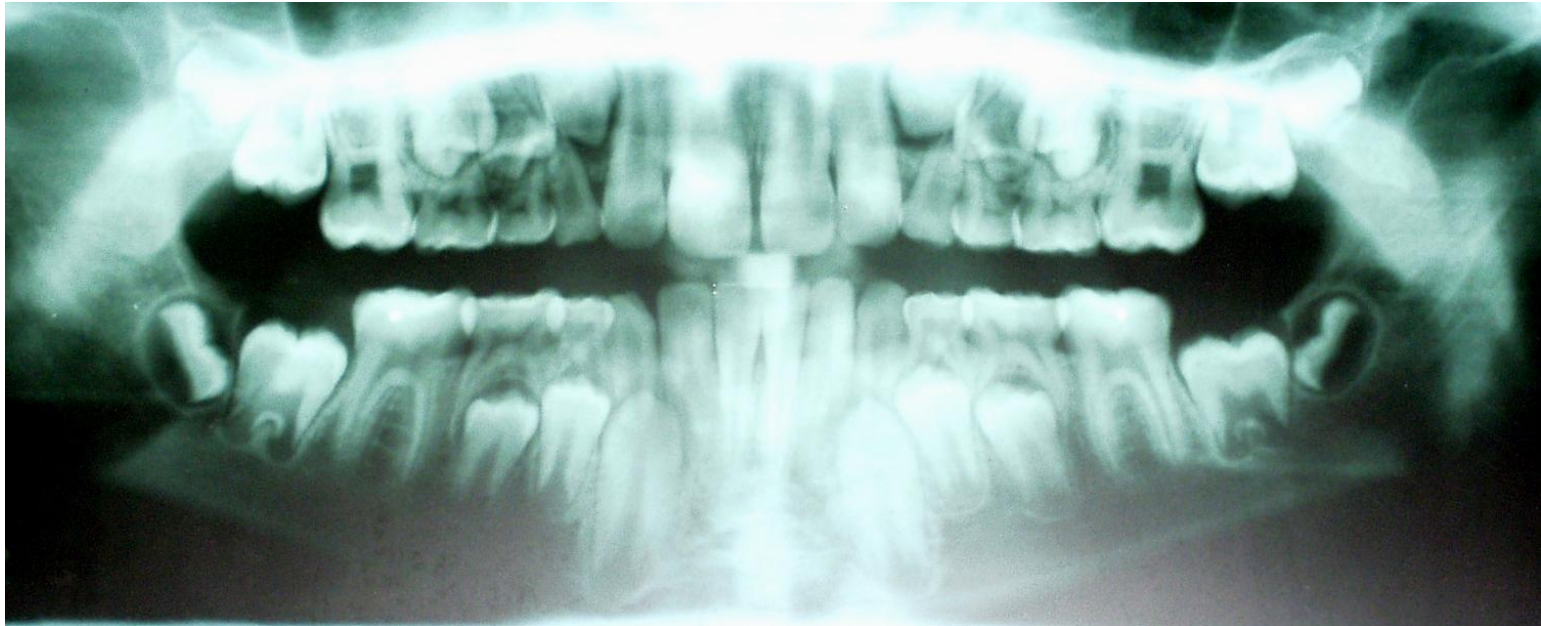
# What is Normal in a Seven Year Old



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# Transition from Primary to Permanent Dentition



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# What is Not Normal

- Sagittal relationships such as:
  - Class II - dental and skeletal
  - Class III - dental, skeletal and functional shifts



# Skeletal Class II Relationships



# Class III Relationships



- **Mandibular prognathism - usually seen later than in seven year olds**



- **Midface deficiencies and maxillary constrictions are usually diagnosed early in the mixed dentition**

# Functional Shifts



# Medical Problems and Malocclusions



**Tooth position affected by  
mouth breathing**



**Trauma**

# Vertical Relationships - Open Bites



# Vertical Relationships - Deep Bites



# Crossbites - Anterior



# Crossbites - Posterior



# Arch Length - Crowding

## Causes

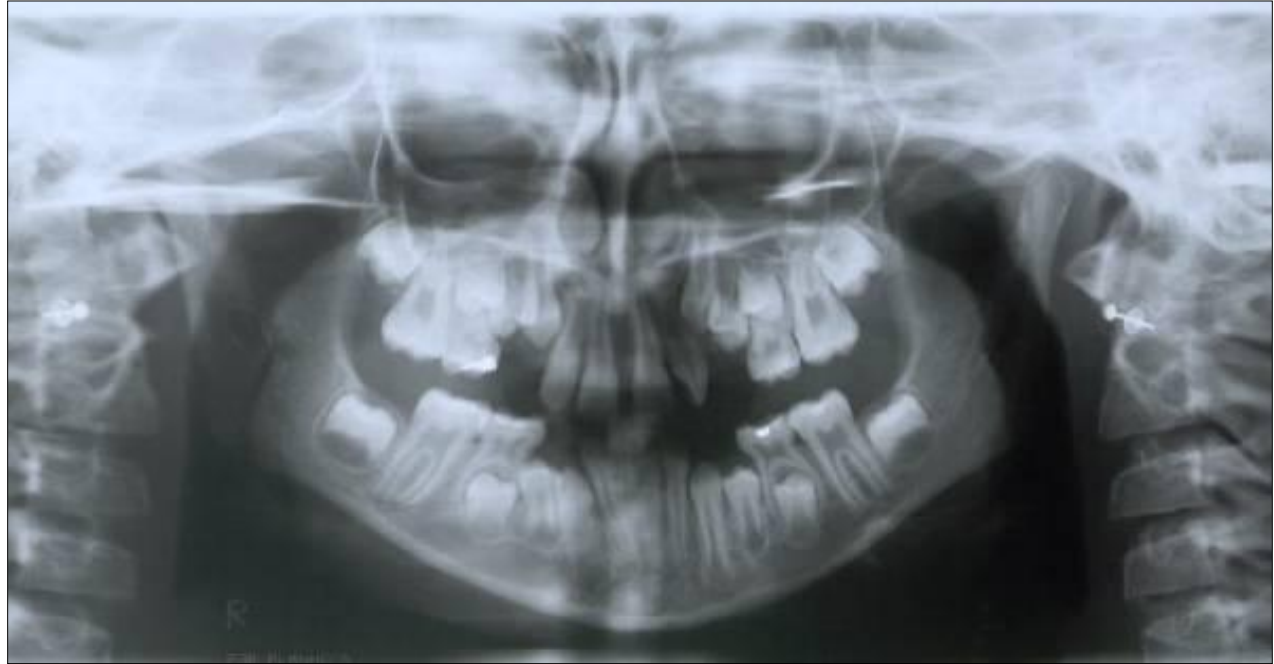
- early loss of primary teeth
- decay
- genetics
- tooth size problems



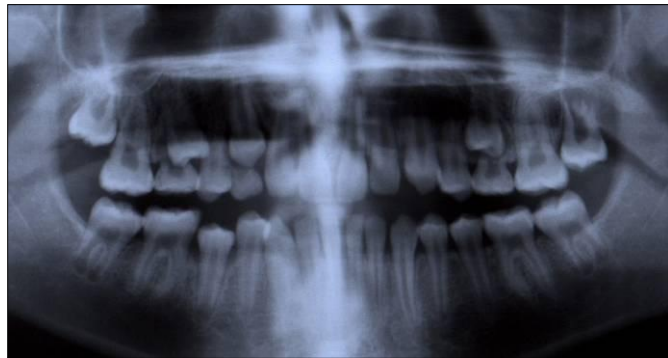
# Arch Length - Crowding

## Problems

- eruption of permanent teeth
- esthetics



# Arch Length - Spacing



# Abnormal Eruption Sequence



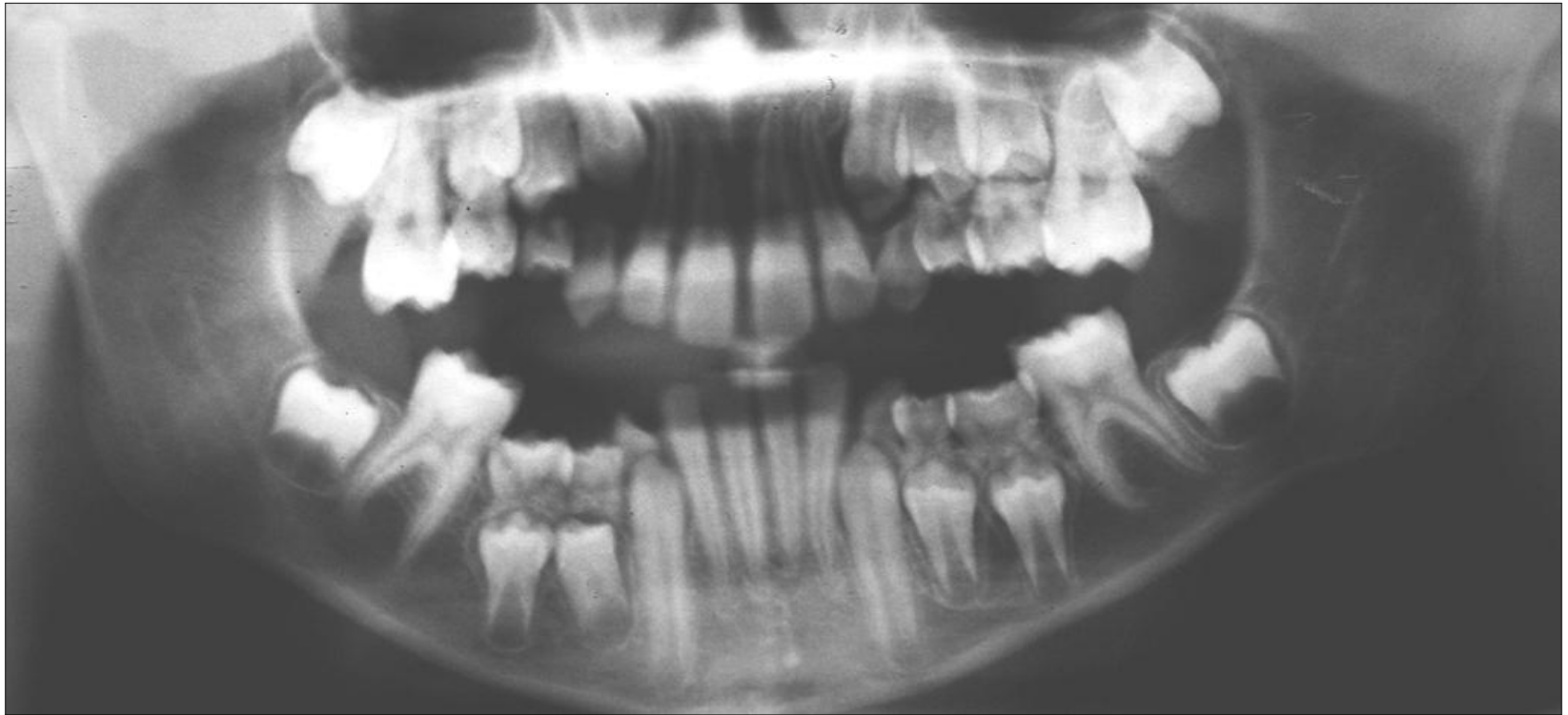
# Congenitally Missing Teeth



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# Ankylosed Teeth



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# Early Treatment - Rationale

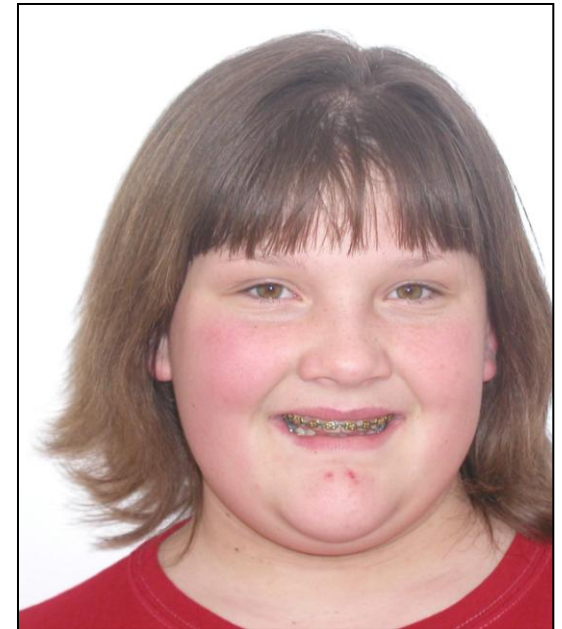


The American Association of Orthodontists recommends that all children have a check-up with an orthodontic specialist no later than age 7.

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# Early Treatment - Rationale



# Benefits of Early Intervention

- Interception of development
  - Extraction vs. non-extraction
  - Orthopedic treatments with growth
- Better prognosis in permanent dentition



**Before**



**During**



**After**

# Benefits of Early Intervention



**Before  
Thumb Habit Correction**



**After  
Thumb Habit Correction**

## Correction of Thumb Habit

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# Benefits of Early Intervention



## Correction of Open Bite

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# Development



# Relationships



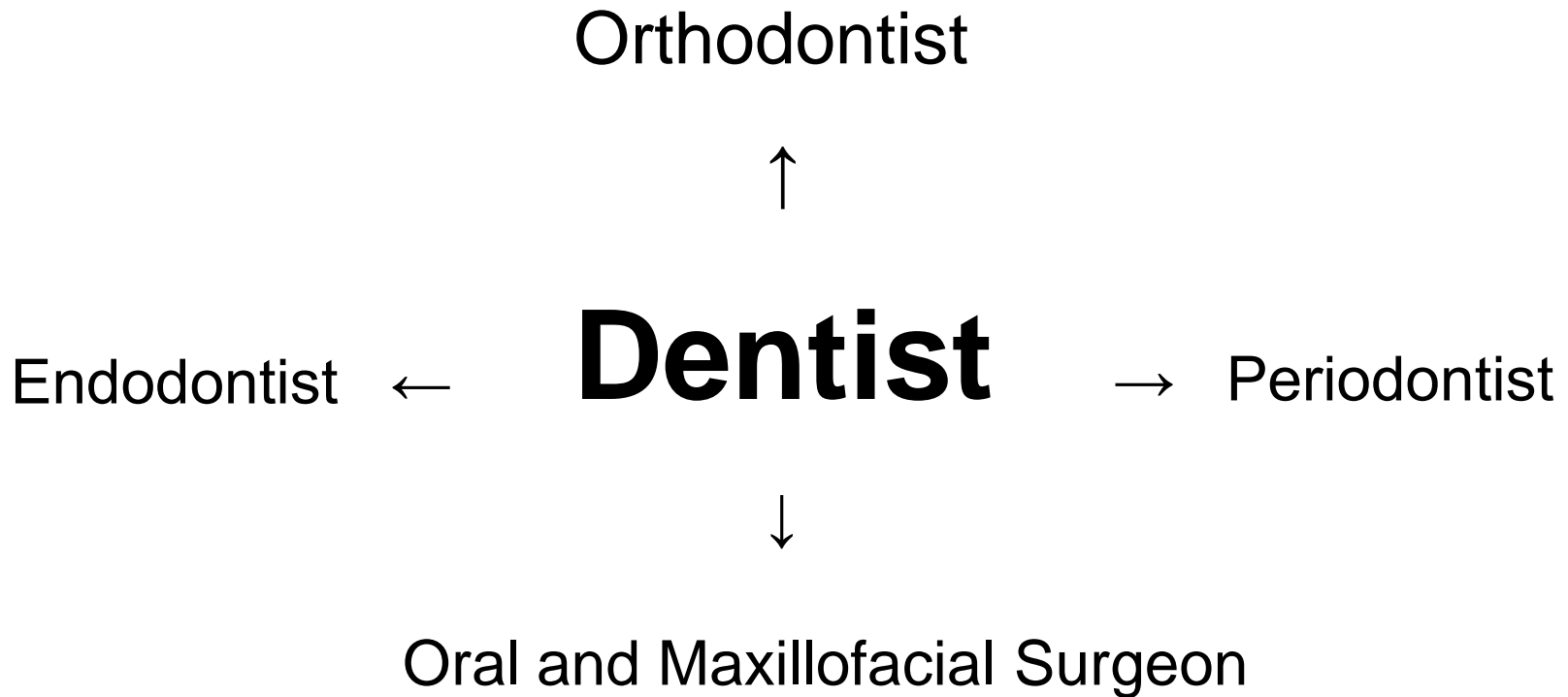
**Our Team Supports Your Team**



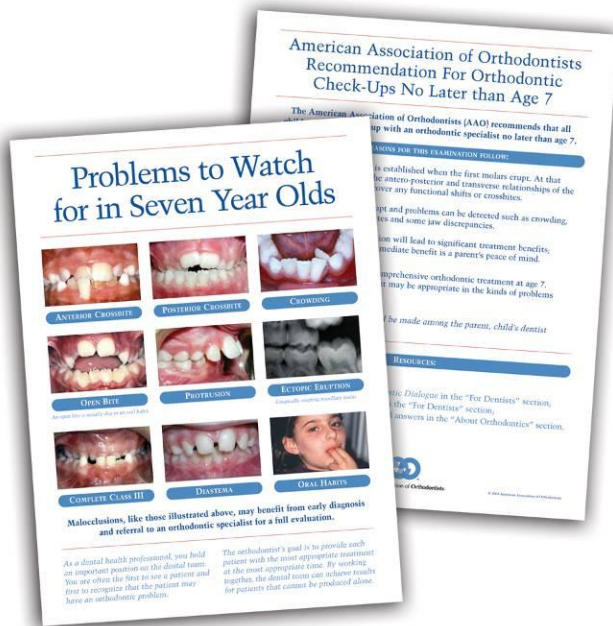
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# Responsibilities



# Resources



**VISIT BRACES.ORG**

**HEALTHCARE PROFESSIONALS  
SECTION**

**FOR FREE EDUCATIONAL  
RESOURCES SUCH AS  
*PROBLEMS TO WATCH FOR IN  
SEVEN YEAR OLDS***

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# Any Questions?

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