

# ORTHO-COUNSEL

(Version-2022)

Patient Counseling Program

For

Practicing Dentists & Orthodontists

From

*Medico Excellence*  
Solutions for Practice Excellence

# Ortho-Counsel-2020 - What is important for Dentist in each animation:

## Menu-wise Topics

### Preventive Orthodontics

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#### Prevention of Crowding

This animation is most useful in explaining responsible parents about how they help their child by preventing crowding of teeth. It explains,

- ✓ Why crowding occurs
- ✓ Why preservation of milk teeth is necessary even if they are going to fall off anyway
- ✓ How space maintainers and minor orthodontic corrections can help in preventing crowding of permanent teeth

#### Interception of Crowding

This animation is most commonly required for Orthodontists as well as dentists who need to explain parents how teeth erupting crooked could be aligned much before eruption of all permanent teeth.

Also, how this treatment can prevent likely crowding of teeth.

#### Serial Extraction

This animation is most helpful in explaining,

- ✓ how Orthodontist can anticipate crowding of permanent teeth and plan the treatment to prevent the same.
- ✓ how space can be created for erupting permanent teeth by removal of some milk teeth and if required by removal of some permanent teeth at the right time.
- ✓ That, patient may still need braces to correct remaining unavoidable crowding.

#### Over-retained Teeth

Most dentist find this animation very helpful for explaining,

- ✓ why over-retention of some milk teeth is harmful for eruption of permanent teeth.
- ✓ how timely removal of milk teeth to facilitate eruption of permanent teeth underneath.

### Corrective Orthodontics

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#### Orthodontic Treatment

This animation is most important for Orthodontists as well as Dentists who wish to prepare the patient for Orthodontic Treatment. It explains,

- ✓ when and why Orthodontic treatment is indicated
- ✓ why teeth are required to be extracted even when there is no crowding of teeth
- ✓ why even if healthy teeth are removed, there is no side effect of any kind on any part of the body
- ✓ why regular dental checkup, from the age of two years is helpful to a child in maintaining its teeth
- ✓ how facial appearance can be improved by alignment of teeth
- ✓ that orthodontic correction is possible even in persons over 40 years of age if teeth and their supportive structures are in a good condition.

## Orthodontic Tooth Movement

This animation is helpful to Orthodontist to explain patients who believe that their teeth may become weak and loose when moved during treatment  
It also shows how teeth move along with their supportive structures and regain their strength after orthodontic correction.

## Crossbite

This is most commonly required treatment correction which is often difficult to explain. This animation makes it simple to understand.

## Animations without Commentary:

Following 3D images and animations have proved to be extremely beneficial as and when it is required to explain related topic or condition of teeth

### **Type of Malocclusion:**

Angle's Class I, Angle's Class II, Angle's Class III

### **Types of Tooth Positions:**

Normal, Overjet, Overbite, Deep Bite 1, Deep Bite 2, Open Bite, Mesio-Angular Rotation, Disto-Angular Rotation, Mesial Tipping, Distal Tipping, Crossbite, Scissor Bite, Proclination, Retroclination, Buccally Placed, Lingually Placed, Labially Placed, Palatally Placed teeth

### **Types of Tooth Movements:**

Crossbite – Anterior, Posterior, Transverse, Bodily Movements, Tipping of Teeth, Torquing of Roots, Tipping & Torquing, Open Bite Correction, Uprighting of tooth  
Deep Bite Correction – Upper Teeth Movement, Lower Teeth Movement, Upper & Lower Teeth Movement

### **Orthodontic Corrections**

Crowding – Non-Extraction, Crowding – Extraction, Space Closing, Distal Driving, Derotation, No Crowding – Extraction, Expansion of Arch

## Retention

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### Relapse

This is extremely important animation for Orthodontist to give their patient prior idea to patient as well as parent, that extreme care is necessary during and after the treatment with braces.

It also explains why teeth try to revert back to their original position and how difficult it is to prevent the same without cooperation of the patient during retention period.

It also explains that “relapse may take place in some cases **even after the best of efforts by Doctor and Patient**”.

### Fixed Retainer

Since 'Fixed Retainers' are recommended only in some cases where chances of relapse are high and has an additional cost, explaining it becomes embarrassing for the Orthodontist.

This animation explains the need for such fixed retainer and keeps the option of giving fixed retainers with the Orthodontist.

## Developmental

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### Growth Modifications

This animation makes it easy for Orthodontist to explain ...

Why detecting and correcting major jaw related problems is important during the age of 4 to 14, and how such discrepancies can be corrected only by surgery if allowed to persist till adulthood.

### Myofunctional Appliances

This treatment is advised by many Orthodontists as combination of preventive and corrective treatment for correction of jaw relations, even while child's jaw bones are in growing stage.

This animation makes it simple for Orthodontist to explain how major issues of jaw positioning can be corrected which the child's growth is progressing, thereby ensuring normal teeth relationship.

This also explains that although the appliance is bulky and uncomfortable, how cooperation from patient can give best and healthiest result.

### Diastema

Growing Kids as well as their Parents are usually worried about gap between the two front teeth.

Explaining them with this animation that this is a normal and natural occurrence and that the gap closes naturally helps in reassuring both.

This animation would also help doctor in explaining why treatment is necessary in some cases.

It also communicates, how 6 monthly check-ups with an Orthodontist after the age of 6 years **even if the gap appears normal**, helps in detecting the problem and eliminating the same before it damages positions of other teeth.

### Habit Breaking Appliances

Explains how various habits like thumb sucking, tongue thrusting, nail or pencil or even kerchief biting can cause abnormal positioning of teeth.

This animation also explains how such habit can be stopped with the help of specially designed orthodontic appliances.

It also communicates to the Parents that success of the treatment depends only on cooperation and willingness of the patient.

### Rapid Palatal Expansion (RPE)

This animation makes it very simple to explain treatment procedure which is usually most difficult for parents to understand.

It not only explains how the palatal arch is expanded but also explains and ensures the parents that the correction will result in better articulation of teeth and facilitate normal nasal breathing

## **Surgical**

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### **Orthognathic Surgery**

This treatment is required for correcting jaw relations by surgery.

Such treatment is usually recommended in adults when jaw bone discrepancy is not possible to be corrected by removable or fixed appliance.

This animation explains indications and surgical concept in simple language.

### **Orthodontic Treatment for Impacted Teeth**

This animation explains why some permanent teeth remain unerupted and in which condition they need to be removed.

It further explains how some healthy impacted teeth could be brought into alignment with the help of orthodontic treatment.

## **General**

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### **Tooth Anatomy**

This animation is for shows anatomy of tooth and explains how supportive structures hold the tooth in bony socket.

### **Brushing**

#### **Flossing**

Animation of 'Brushing' and 'Flossing' are very important tools for explaining especially to those patients who need them most.

- ✓ This animation should be shown in addition to demonstrating it to the patient and asking patient to try themselves. Else, there are chances that patients may not take your instruction seriously.
- ✓ Giving few minutes extra for explaining 'Brushing' and 'Flossing' to a parent helps in communicating its importance to entire family.
- ✓ This would create impression that 'You Care'; which is important for building good practice.

#### **3D Animations of Brushing (without Commentary):**

Applying Toothpaste

Correct Brushing Method

Upper Teeth Brushing (Outer and Inner Surface)

Lower Teeth Brushing (Outer and Inner Surface)

Lower Front Teeth (Straight and Sidewise)

Upper and Lower Teeth (Occlusal Surface)

- ✓ These 3D animations and video of brushing should be shown along with commentary to patients who appreciate your guidance and are willing to follow them.
- ✓ Do not assume that all patients are careless and do not value your guidance.

#### **Mouth Wash**

This animation explains,

- ✓ why mouthwashes and sprays are effective only temporarily, and why cleaning of teeth by Dentist is essential for maintaining good oral hygiene.