# INFORMED CONSENT

# For the Orthodontic Patient

# Risks and Limitations of Orthodontic Treatment

Successful orthodontic treatment is a partnership between the orthodontist and the patient. The doctor and staff are dedicated to achieving the best possible result for each patient. As a general rule, informed and cooperative patients can achieve positive orthodontic results. While recognizing the benefits of a beautiful healthy smile, you should also be aware that, as with all healing arts, orthodontic treatment has limitations and potential risks. These are seldom serious enough to indicate that you should not have treatment; however, all patients should seriously consider the option of no orthodontic treatment at all by accepting their present oral condition. Alternatives to orthodontic treatment vary with the individual's specific problem, and prosthetic solutions or limited orthodontic treatment may be considerations. You are encouraged to discuss alternatives with the doctor prior to beginning treatment.

Orthodontics and Dentofacial Orthopedics is the dental specialty that includes the diagnosis, prevention, interception and correction of malocclusion, as well as neuromuscular and skeletal abnormalities of the developing or mature orofacial structures.

An orthodontist is a dental specialist who has completed at least two additional years of graduate training in orthodontics at an accredited program after graduation from dental school.





#### Results of Treatment

Orthodontic treatment usually proceeds as planned, and we intend to do everything possible to achieve the best results for every patient. However, we cannot guarantee that you will be completely satisfied with your results, nor can all complications or consequences be anticipated. The success of treatment depends on your cooperation in keeping appointments, maintaining good oral hygiene, avoiding loose or broken appliances, and following the orthodontist's instructions carefully.

#### Length of Treatment

The length of treatment depends on a number of issues, including the severity of the problem, the patient's growth and the level of patient cooperation. The actual treatment time is usually close to the estimated treatment time, but treatment may be lengthened if, for example, unanticipated growth occurs, if there are habits affecting the dentofacial structures, if periodontal or other dental problems occur, or if patient cooperation is not adequate. Therefore, changes in the original treatment plan may become necessary. If treatment time is extended beyond the original estimate, additional fees may be assessed.

#### Discomfort

The mouth is very sensitive so you can expect an adjustment period and some discomfort due to the introduction of orthodontic appliances. Non- prescription pain medication can be used during this adjustment period.

#### Relapse

Completed orthodontic treatment does not guarantee perfectly straight teeth for the rest of your life. Retainers will be required to keep your teeth in their new positions as a result of your orthodontic treatment. You must wear your retainers as instructed or teeth may shift, in addition to other adverse effects. Regular retainer wear is often necessary for several years following orthodontic treatment. However, changes after that time can occur due to natural causes, including habits such as tongue thrusting, mouth breathing, and growth and maturation that continue throughout life. Later in life, most people will see their teeth shift. Minor irregularities, particularly in the lower front teeth, may have to be accepted. Some changes may require additional orthodontic treatment or, in some cases, surgery. Some situations may require nonremovable retainers or other dental appliances made by your family dentist.

#### **Orthognathic Surgery**

Some patients have significant skeletal disharmonies which require orthodontic treatment in conjunction with orthognathic (dentofacial) surgery. There are additional risks associated with this surgery which you should discuss with your oral and/or maxillofacial surgeon prior to beginning orthodontic treatment. Please be aware that orthodontic treatment prior to orthognathic surgery often only aligns the teeth within the individual dental arches. Therefore, patients discontinuing orthodontic treatment without completing the planned surgical procedures may have a malocclusion that is worse than when they began treatment!

#### Extractions

Some cases will require the removal of deciduous (baby) teeth or permanent teeth. There are additional risks associated with the removal of teeth which you should discuss with your family dentist or oral surgeon prior to the procedure.

#### **Decalcification and Dental Caries**

Excellent oral hygiene is essential during orthodontic treatment as are regular visits to your family dentist. Inadequate or improper hygiene could result in cavities, discolored teeth, periodontal disease and/or decalcification. These same problems can occur without orthodontic treatment, but the risk is greater to an individual wearing braces or other appliances. These problems may be aggravated if the patient has not had the benefit of fluoridated water or its substitute, or if the patient consumes sweetened beverages or foods.

### **Root Resorption**

The roots of some patients' teeth become shorter (resorption) during orthodontic treatment. It is not known exactly what causes root resorption, nor is it possible to predict which patients will experience it. However, many patients have retained teeth through- out life with severely shortened roots. If resorption is detected during orthodontic treatment, your orthodontist may recommend a pause in treatment or the removal of the appliances prior to the completion of orthodontic treatment.

#### Nerve Damage

A tooth that has been traumatized by an accident or deep decay may have experienced damage to the nerve of the tooth. Orthodontic tooth movement may, in some cases, aggravate this condition. In some cases, root canal treatment may be necessary. In severe cases, the tooth or teeth may be lost.

#### **Periodontal Disease**

Periodontal (gum and bone) disease can develop or worsen during orthodontic treatment due to many factors, but most often due to the lack of adequate oral hygiene. You must have your general dentist, or if indicated, a periodontist monitor your periodontal health during orthodontic treatment every three to six months. If periodontal problems cannot be controlled, orthodontic treatment may have to be discontinued prior to completion.

## Injury From Orthodontic Appliances

Activities or foods which could damage, loosen or dislodge orthodontic appliances need to be avoided. Loosened or damaged orthodontic appliances can be inhaled or swallowed or could cause other damage to the patient. You should inform your orthodontist of any unusual symptoms or of any loose or broken appliances as soon as they are noticed. Damage to the enamel of a tooth or to a restoration (crown, bonding, veneer, etc.) is possible when orthodontic appliances are removed. This problem may be more likely when esthetic (clear or tooth colored) appliances have been selected. If damage to a tooth or restoration occurs, restoration of the involved tooth/teeth by your dentist may be necessary.

#### Headgears

Orthodontic headgears can cause injury to the patient. Injuries can include damage to the face or eyes. In the event of injury or especially an eye injury, however minor, immediate medical help should be sought. Refrain from wearing headgear in situations where there may be a chance that it could be dislodged or pulled off. Sports activities and games should be avoided when wearing orthodontic headgear.

#### Temporomandibular (Jaw) Joint Dysfunction

Problems may occur in the jaw joints, i.e., temporomandibular joints (TMJ), causing pain, headaches or ear problems. Many factors can affect the health of the jaw joints, including past trauma (blows to the head or face), arthritis, hereditary tendency to jaw joint problems, excessive tooth grinding or clenching, poorly balanced bite, and many medical conditions. Jaw joint problems may occur with or without orthodontic treatment. Any jaw joint symptoms, including pain, jaw popping or difficulty opening or closing, should be promptly reported to the orthodontist. Treatment by other medical or dental specialists may be necessary.

#### Impacted, Ankylosed, Unerupted Teeth

Teeth may become impacted (trapped below the bone or gums), ankylosed (fused to the bone) or just fail to erupt. Oftentimes, these conditions occur for no apparent reason and generally cannot be anticipated. Treatment of these conditions depends on the particular circumstance and the overall importance of the involved tooth, and may require extraction, surgical exposure, surgical transplantation or prosthetic replacement.

# **Occlusal Adjustment**

You can expect minimal imperfections in the way your teeth meet following the end of treatment. An occlusal equilibration procedure may be necessary, which is a grinding method used to fine-tune the occlusion. It may also be necessary to remove a small amount of enamel in between the teeth, thereby "flattening" surfaces in order to reduce the possibility of a relapse.

### Non-Ideal Results

Due to the wide variation in the size and shape of the teeth, missing teeth, etc., achievement of an ideal result (for example, complete closure of a space) may not be possible. Restorative dental treatment, such as esthetic bonding, crowns or bridges or periodontal therapy, may be indicated. You are encouraged to ask your orthodontist and family dentist about adjunctive care.

#### **Third Molars**

As third molars (wisdom teeth) develop, your teeth may change alignment. Your dentist and/or orthodontist should monitor them in order to determine when and if the third molars need to be removed.

Continued on next page

Patient or Parent/Guardian Initials





#### **Allergies**

Occasionally, patients can be allergic to some of the component materials of their orthodontic appliances. This may require a change in treatment plan or discontinuance of treatment prior to completion. Although very uncommon, medical management of dental material allergies may be necessary.

#### **General Health Problems**

General health problems such as bone, blood or endocrine disorders, and many prescription and non-prescription drugs (including bisphosphonates) can affect your orthodontic treatment. It is imperative that you inform your orthodontist of any changes in your general health status.

#### Use of Tobacco Products

Smoking or chewing tobacco has been shown to increase the risk of gum disease and interferes with healing after oral surgery. Tobacco users are also more prone to oral cancer, gum recession, and delayed tooth movement during orthodontic treatment. If you use tobacco, you must carefully consider the possibility of a compromised orthodontic result.

#### **Temporary Anchorage Devices**

Your treatment may include the use of a temporary anchorage device(s) (i.e. metal screw or plate attached to the bone.) There are specific risks associated with them. It is possible that the screw(s) could become loose which would require its/their removal and possibly relocation or replacement with a larger screw. The screw and related material may be accidentally swallowed. If the device cannot be stabilized for an adequate length of time, an alternate treatment plan may be necessary. It is possible that the tissue around the device could become inflamed or infected, or the soft tissue could grow over the device. which could also require its removal, surgical excision of the tissue and/or the use of antibiotics or antimicrobial rinses. It is possible that the screws could break (i.e. upon insertion or removal.) If this occurs, the broken piece may be left in your mouth or may be surgically removed. This may require referral to another dental specialist. When inserting the device(s), it is possible to damage the root of a tooth, a nerve, or to perforate the maxillary sinus. Usually these problems are not significant; however, additional dental or medical treatment may be necessary. Local anesthetic may be used when these devices are inserted or removed, which also has risks. Please advise the doctor placing the device if you have had any difficulties with dental anesthetics in the past.

If any of the complications mentioned above do occur, a referral may be necessary to your family dentist or another dental or medical specialist for further treatment. Fees for these services are not included in the cost for orthodontic treatment.

#### **ACKNOWLEDGEMENT**

I hereby acknowledge that I have read and fully understand the treatment considerations and risks presented in this form. I also understand that there may be other problems that occur less frequently than those presented, and that actual results may differ from the anticipated results. I also acknowledge that I have discussed this form with the undersigned orthodontist(s) and have been given the opportunity to ask any questions. I have been asked to make a choice about my treatment. I hereby consent to the treatment proposed and authorize the orthodontist(s) indicated below to provide the treatment. I also authorize the orthodontist(s) to provide my health care information to my other health care providers. I understand that my treatment fee covers only treatment provided by the orthodontist(s), and that treatment provided by other dental or medical professional is not included in the fee for my orthodontic treatment.

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| Signature of Patient/Parent Guardian | Date |
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| Signature of Orthodontist/Group Name | Date |
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# CONSENT TO UNDERGO ORTHODONTIC TREATMENT

I hereby consent to the making of diagnostic records, including x-rays, before, during and following orthodontic treatment, and to the above doctor(s) and, where appropriate, staff providing orthodontic treatment prescribed by the above doctor(s) for the above individual. I fully understand all of the risks associated with the treatment.

# AUTHORIZATION FOR RELEASE OF PATIENT INFORMATION

I hereby authorize the above doctor(s) to provide other health care providers with information regarding the above individual's orthodontic care as deemed appropriate. I understand that once released, the above doctor(s) and staff has(have) no responsibility for any further release by the individual receiving this information.

#### **CONSENT TO USE OF RECORDS**

I hereby give my permission for the use of orthodontic records, including photographs, made in the process of examinations, treatment, and retention for purposes of profession- al consultations, research, education, or publication in professional journals.

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| Signature of Patient/Parent Guardian                                      | Date             |
| ~TD·                                                                      | <u>~</u><br>Date |
| I have the legal authority to sign this on behalf of<br>~PatientFullName~ | :                |
| Signature                                                                 | -                |
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### APPOINTMENT POLICY

Seeing each patient for regular appointments is extremely important to achieve the best treatment outcome, in a timely manner. Orthodontic appliances that are not checked and adjusted regularly can cause damage to teeth and gums as well as extending treatment time.

We will do everything we can to accommodate each families appointment time preferences; however, there will be times when appointments cannot be made at the most convenient time for everyone.

If you must miss an appointment please let us know 24-48 hours prior to your appointment time so we can adjust our schedule and let another patient use that valuable time. This is a major benefit to everyone involved.

If treatment progress is jeopardized due to excessive missed, cancelled, changed or rescheduled appointments it may be necessary to discontinue orthodontic treatment. These situations will be monitored closely and this policy will be strictly enforced.

Our goal is to achieve the best outcome possible for all of our patients. Working together we can achieve that goal. Thank you for your cooperation.

| Signature of Patient         |      |
|------------------------------|------|
|                              |      |
| Signature of Parent/Guardian | Date |







# PATIENT COOPERATION AGREEMENT

In order to obtain the best possible results in my orthodontic treatment, I understand that my cooperation efforts are just as important as the efforts of Texas Orthodontics. I understand and accept responsibility for the following:

# **ORAL HYGIENE**

I will clean my teeth and gums properly each day; especially after eating meals or snacks and at bedtime. I will visit my dentist every six months (or otherwise as directed) for a professional cleaning and examination. Poor oral hygiene may result in permanent marks (decalcification), decay, gum and periodontal problems with the potential of tooth loss.

# **WEARING APPLIACES**

I will wear headgear, elastics, plus any other removable appliances faithfully and as directed by the doctor and staff. I understand that when I miss days of wearing headgear or elastics it just doesn't work as planned. As a result, treatment will be extended and a less than ideal bite may be achieved.

### CARE OF APPLIANCES

I will not eat any hard, crunchy, sticky or chewy foods, chew gum, bite on pens, pencils, fingernails, or get involved in any activities which will damage my appliances and delay my treatment. I understand that each loose bracket can add a month or more to my total treatment time.

# **APPOINTMENTS**

I will keep all my appointments and arrive on time. I will call as soon as possible if I must change my appointment and always call ahead if I have something loose or broken. I understand that all appointments cannot be before or after school/work and I will take my fair share of appointment times during school/work hours. I realize that rescheduling may take a few weeks and could extend treatment time if I miss, change or reschedule appointments often.

| Signature of Patient         | Date |
|------------------------------|------|
|                              |      |
| Signature of Parent/Guardian | Date |







# Release for Media Recording

I, the undersigned, do hereby consent and agree that Texas Orthodontics, its employees, or agents have the right to take photographs, videotape, or digital recordings of me to use in any and all media, now or hereafter known, and exclusively for the purpose of marketing, advertising, and/or promotion. I further consent that my name and identity may be revealed therein or by descriptive text or commentary.

I do hereby release to Texas Orthodontics, its agents, and employees all rights to exhibit this work in print and electronic form publicly or privately. I waive any rights, claims, or interest I may have to control the use of my identity or likeness in whatever media used.

I understand that there will be no financial or other remuneration for recording me, either for initial or subsequent transmission or playback.

I also understand that Texas Orthodontics is not responsible for any expense or liability incurred as a result of my participation in this recording, including medical expenses due to any sickness or injury incurred as a result.

I represent that I am at least 18 years of age, have read and understand the foregoing statement, and am competent to execute this agreement.

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| Witness for the undersigned          | Date |
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| Patient/Parent or Guardian Signature | Date |

