

The hygienic benefits of straighter teeth

HEALTHIER GUMS

Properly positioned teeth are easier to brush and floss than teeth that are crowded, crooked, or spaced too far apart. Properly aligned teeth can help gums fit more tightly around them,¹ which may lead to better periodontal health.

EASIER CLEANINGS

With maintenance of good oral hygiene, the chances of having plaque retention, tooth decay, or periodontal (gum) disease can be reduced.

DECREASED RISK OF ABNORMAL WEAR

Properly aligned teeth can be less stressful on the supporting bone jaw joints.

ORTHODONTIC TREATMENT COMPARISON

	INVISALIGN	BRACES
Treats a wide variety of teeth straightening cases	X	X
Straightens your teeth	X	X
Allows you to eat whatever foods you enjoy	X	
Allows you to remove when you want	X	
Enjoy virtually invisible teeth-straightening	X	
Brush and floss your teeth normally	X	
Consists of smooth, comfortable plastic	X	
Office visits only every four to six weeks	X	
Invisalign Teen®: up to 6 free replacement aligners*	X	

¹ Ong et al., 1998; Boyd and Baumrind, 1992; Zachrisson and Zachrisson, 1972

* Invisalign Teen only.

SHOW THE WORLD WHO YOU REALLY ARE WITH INVISALIGN CLEAR ALIGNERS

Over 2.7 million patients

are smiling with confidence thanks to Invisalign clear aligners. Without brackets or wires, Invisalign clear aligner treatment takes a modern approach to teeth straightening and is virtually invisible.

Q HOW DOES IT WORK?

A Invisalign clear aligners take a modern approach to straightening teeth, using a custom-made series of aligners created for you and only you. These aligners are made of smooth, comfortable and virtually invisible plastic that you simply wear over your teeth. Wearing the aligners will gradually and gently shift your teeth into place, based on the exact movements your dentist or orthodontist plans out for you. There are no metal brackets to attach and no wires to tighten. You simply pop in a new set of aligners approximately every two weeks, until your treatment is complete and you achieve the confident smile that you've always wanted. The best part about the whole process is that most people won't even know you're straightening your teeth.

Q HOW MUCH DOES IT COST?

A In most cases, Invisalign clear aligner treatment is comparable to the cost of traditional braces. However, as with other medical treatments, only your doctor can determine the cost, based on your specific needs. Other factors may include your treatment goals, the difficulty of your case, how long you are in treatment, where you live, your orthodontic insurance coverage, and additional factors determined by your dentist or orthodontist.

Q DOES IT REALLY WORK?

A Yes. More than 2.7 million people worldwide have been treated with Invisalign clear aligners. The number of Invisalign smiles grows daily.

ALIGN

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WWW.INVISALIGN.COM

THE CLEAR ALTERNATIVE TO BRACES®

Developed with
Orthodontists,

Invisalign® clear aligners are a virtually invisible solution, so you can smile confidently both during treatment and after. Using a series of clear, removable aligners, Invisalign treatment gradually moves your teeth toward the smile you've always wanted. And, almost no one will know you're wearing them unless you tell them.

Invisalign clear aligners are comfortable to wear and easy to live with. You visit your doctor every four to six weeks to check your progression and get new aligners. Average treatment time is about a year. Because the aligners are removable, you can continue to eat your favorite foods. And you can brush and floss normally to keep your teeth and gums healthy.

RESULTS YOU CAN SEE

BEFORE



SPACING TREATMENT
Nine months, 19 aligners

AFTER



CROWDING TREATMENT
Seven months, 14 aligners



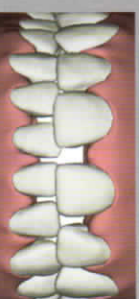
Actual treatment time and results may vary.



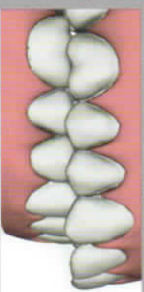
Many people incorrectly believe that Invisalign clear aligners are only effective in treating minor teeth straightening issues. But the fact is, it successfully treats patients with moderate and severe conditions, including the following:



CROWDING
Not enough room for the teeth



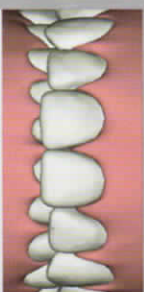
SPACING
Gaps between the teeth



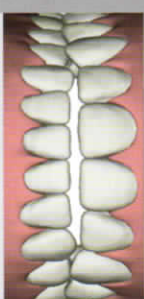
OVERBITE
Protruding upper teeth



UNDERBITE
Protruding lower teeth



DEEP BITE
Upper front teeth hiding the lower teeth



OPEN BITE
Vertical spacing between the front teeth

Ask your doctor how Invisalign clear aligners can work for you. Most trained doctors offer free consultations. Ask yours today.

STRAIGHT TALK

ABOUT CROOKED TEETH

How to Reduce Your Risk of Periodontal Disease



Dr. Noel Ananthan
Dentist

¹ Prevalence and distribution of selected occlusal characteristics in the US population, 1988-1991. Brunelle, et. Al. Journal of Dental Research (2/96)

² Comparison of microbial composition in the subgingival plaque of adult crowded versus noncrowded dental regions. Chun-Hsi Chung, DMD, MS/Robert L. Vanarsdall, DDS/ Elisabetta Ada Cavalcanti, DMD/Jill S. Baldinger, DMD/Chern-Hsiung Lai, DMD, PhD. Int'l Journal of Adult Orthodontics and Orthognathic Surgery (2000)

³ Effects of crowding in the lower anterior segment - a risk evaluation depending upon the degree of crowding Stauffer K, Landmesser H. Journal of Orofacial Orthopedics. (1/04)

⁴ Periodontal disease and tooth loss. Qing G. Int'l Dental Journal (6/98) Periodontal considerations in the use of bonds or bands on molars in adolescents and adults. Boyd RL

Baurind S. Angle Orthod. (1992) Gingival condition associated with orthodontic treatment. Zachrisson S, Zachrisson BU. Angle Orthod (1/72)

⁵ Increased Prevalence of Cardiovascular and Auto-Immune Diseases in Periodontitis Patients: A Cross-Sectional Study. Willem Nesse, Pieter U. Dijkstra, Frank Abbas, Fred K.L. Spijkenet, Astrid Stijger, Jan A.H. Tromp, Johan L. van Dijk, Arjan Vissink. Journal of Periodontology (6/2010)

⁶ Report of the Independent Panel of Experts of The Scottsdale Project. Casey Hein, Charles Cobb, Anthony Iacopino, et al. Grand Rounds (2007)

⁷ Periodontitis: a future risk of acute coronary syndrome? A follow-up study over 3 years. Renvert S, Ohlsson O, Pettersson T, Persson GR. Journal of Periodontology. (7/2010)

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Learn more about the effects of
crooked teeth on your oral health
SCAN HERE WITH >
YOUR SMARTPHONE
www.invisalign.com/straighttalk



Why are crooked teeth a problem?

Teeth that are not aligned properly in your mouth create what dentists call "malocclusion."

Left untreated, malocclusion can lead to periodontal disease and create abnormal amounts of stress on teeth and jaws, which leads to premature wear.

What type of malocclusion do you have?

Here are some potential issues:



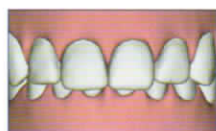
CROWDING

- Buildup of plaque and tartar
- Harbors harmful periodontal bacteria
- Risk of periodontal disease, tooth, and bone loss



SPACING

- Food lodges between teeth
- Risk of sore, tender gums
- Risk of periodontal disease



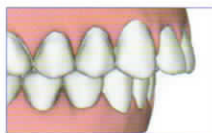
DEEP BITE

- Over-erupted lower front teeth that can damage the palate
- Premature wear and chipping of the lower front teeth



CROSSBITE

- Premature tooth wear and risk of chipped teeth
- Abfraction — small notch in tooth at the gumline
- Periodontal disease, tooth, and bone loss



EXCESSIVE OVERJET

- Chipped or fractured front teeth
- Trauma to front teeth



EDGE-TO-EDGE BITE

- Risk of teeth chipping and breaking
- Jaw joint pain
- Shortened or worn down front teeth



OPEN BITE

- Abfraction — small notch in tooth at gumline
- Gum recession, loose teeth and bone loss
- Excessive, premature wear on back teeth

A Potential Health Risk

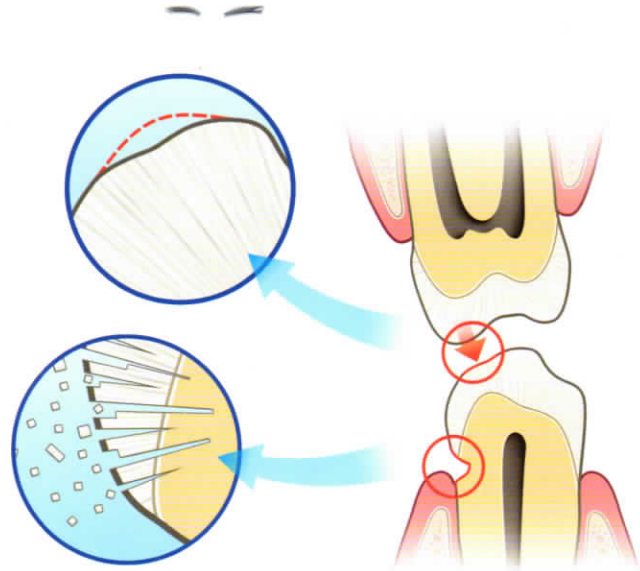
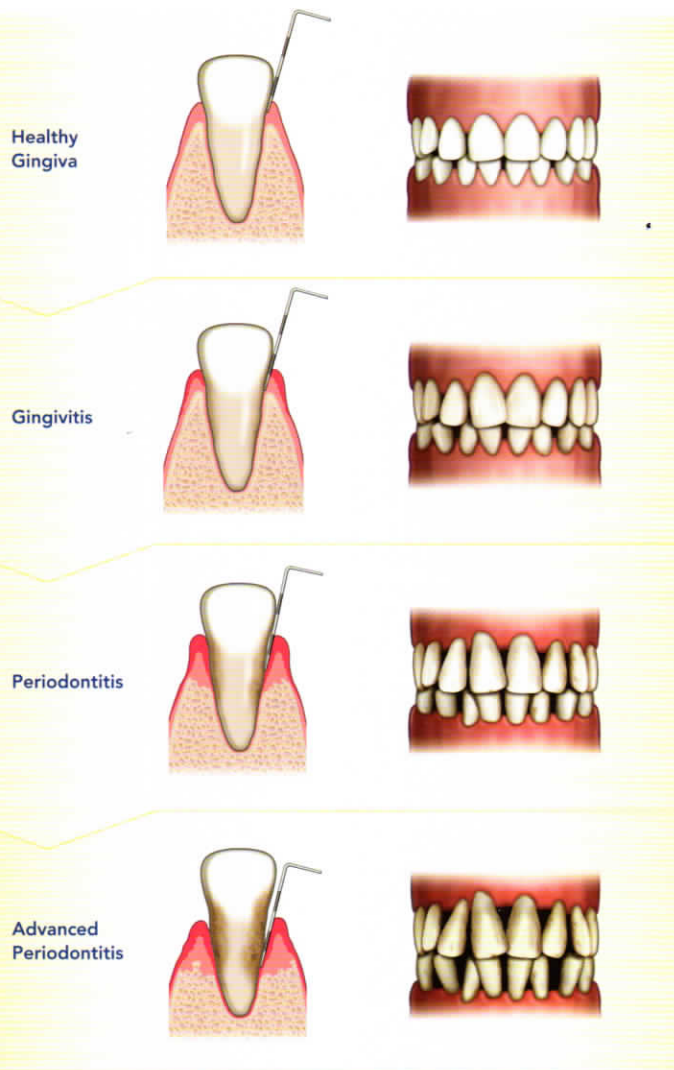
If left untreated, malocclusion can lead to periodontal disease and premature wear of teeth that can worsen over time and even result in tooth loss. Periodontal disease may also increase the risk for atherosclerotic cardiovascular disease (hardening of the arteries).^{6,7}

Malocclusion and Periodontal Disease

Malocclusion affects 74% of American adults.¹ If you have malocclusion, it may affect your periodontal health, because it is difficult to remove plaque when teeth are not aligned. Periodontal disease can begin as gum redness or bleeding while brushing your teeth or using dental floss, and you may notice halitosis, or bad breath. If not treated, gum inflammation can become worse, leading to soft tissue damage, receding gums, the formation of pockets between teeth and gums, bone loss, and eventually tooth loss.

THE PROGRESSION OF PERIODONTAL DISEASE

When teeth are crowded, plaque with harmful bacteria can attach to the tooth surface down to the bottom of the pocket.^{2,3} Plaque can be difficult to remove from crowded areas because it is difficult to brush and floss here. Bacteria can cause gum tissue surrounding the tooth to degrade, and if not treated, result in bone loss.



WEAR AND TRAUMA

Poorly aligned teeth can also create unnatural stress and pressure on teeth and jaws. Teeth that are subject to excessive pressure can develop chipping and notches at the gum line called abfractions. Premature wear can lead to poor root support, loose teeth and eventually, tooth loss.⁵

Straight Teeth are Healthier Teeth

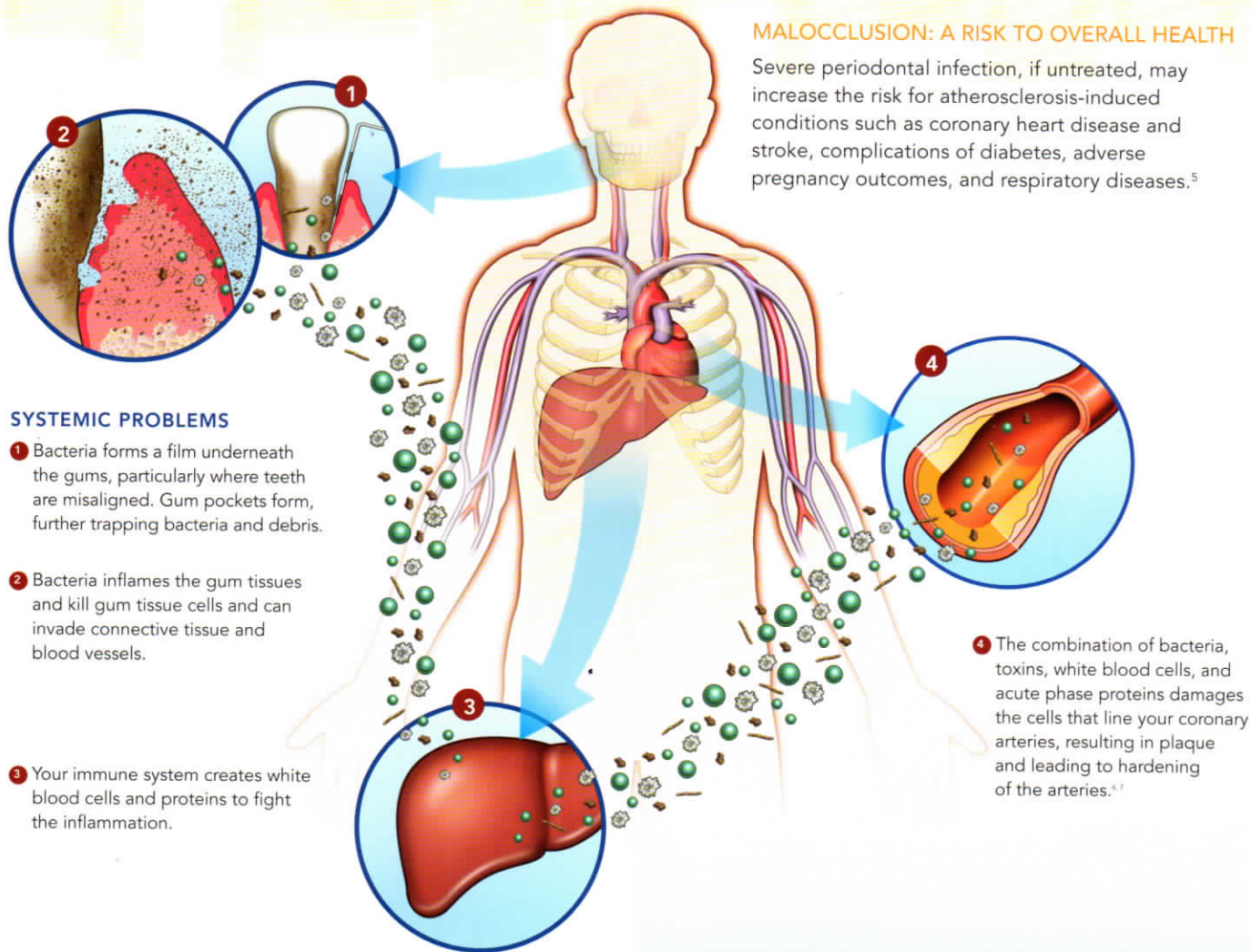
Straight, properly aligned teeth can help you avoid the ne

HEALTHIER GUMS

Properly aligned teeth are easier to brush and floss than crowded or crooked teeth. Properly positioned teeth can help gums "fit" more tightly around them, which may lead to better periodontal health.⁴

IMPROVED HYGIENE

With good oral hygiene, the chances of having plaque retention, tooth decay, and periodontal disease can be reduced.



ative effects of periodontal disease.

DECREASED RISK OF ABNORMAL WEAR AND TRAUMA

Properly aligned teeth also reduce the risk of expensive procedures required to repair the effects of abnormal force, such as tooth chipping, breaking, or wear; and can be less stressful on the supporting jaw bone and joints.

A Straightforward Solution

Straightening your teeth can make a significant difference to having a healthy mouth and keeping your teeth for life. Ask your doctor about straightening your teeth using Invisalign®, a set of clear aligners that are custom-made to gradually straighten your teeth. Start on the road to a healthy mouth today. **Inquire about Invisalign treatment.**