

# Case Reports

Clear Aligner Minor Cases



# Aligner Treatment

## Minor : Partial-Aligner Treatment

- Spacing
- Anterior Teeth Crowding
- Upright Anterior Teeth
- Finishing and Detailing
- Create Space for Implant
- Scissor Bite
- Invisalign Trouble Shooting

## Case - Spacing



Lih-Juh Chou, D.D.S., M.S.  
Diplomate, American Board of Orthodontics

## Anterior teeth crowding

▶ 22 YR 08 MO

2018-11-09

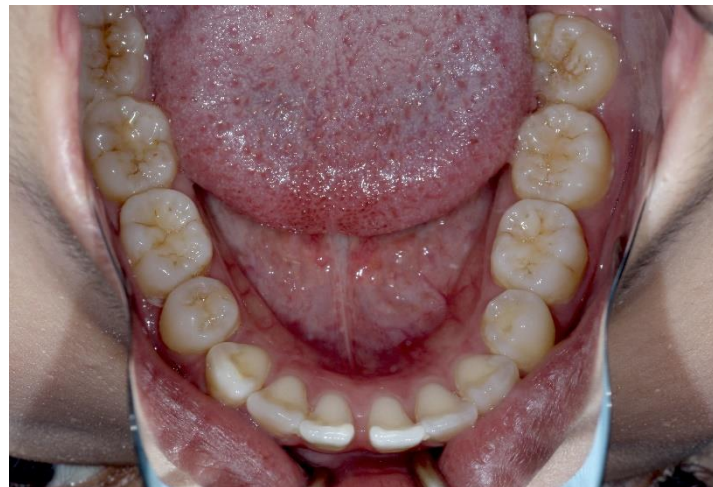


2019-06-01



# Anterior teeth crowding

► 22 YR 08 MO



2018-11-09

2019-06-01

## Anterior teeth crowding

- ▶ Final occlusal contact



2019-06-01

## Case - Anterior teeth crowding

Lih-Juh Chou, D.D.S., M.S.  
Diplomate, American Board of Orthodontics



## Anterior teeth crowding

- ▶ Female 49 YR 8 MO → In the mid-term using elastics to adjust occlusion

2020-10-16



2021-09-24



# Anterior teeth crowding

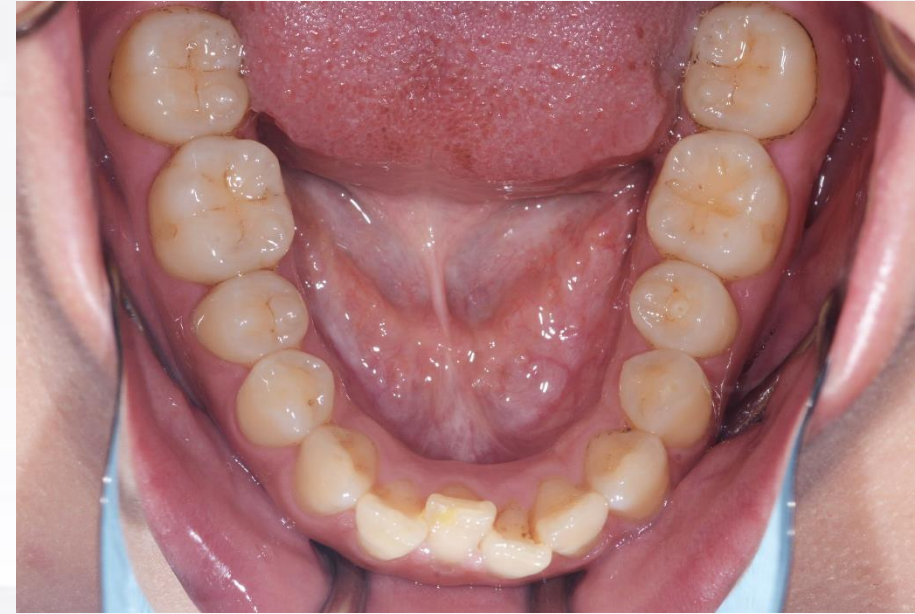
- ▶ Female 49 YR 8 MO  
→ In the mid-term using elastics to adjust occlusion



2020-10-16

2021-09-24

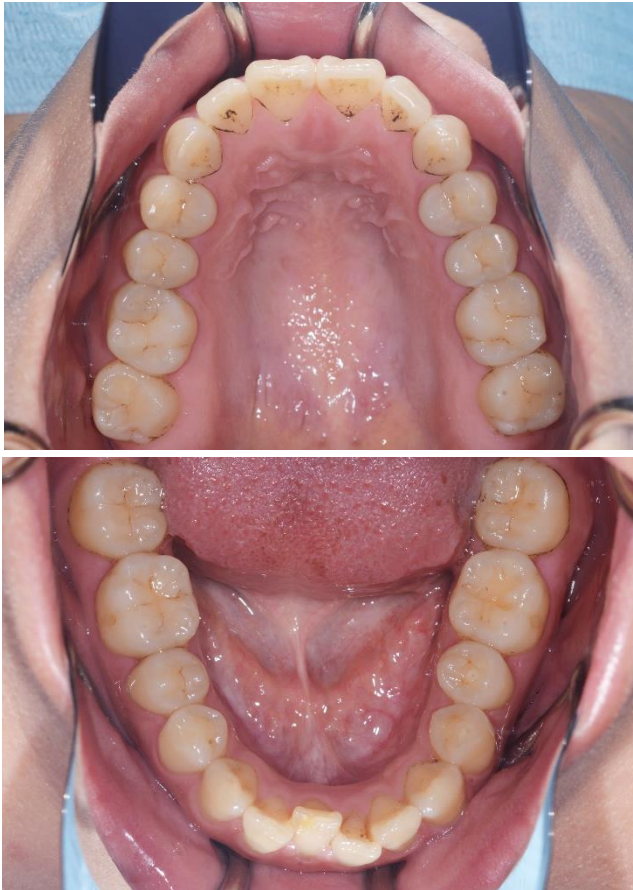
## Case – Lower Anterior teeth crowding



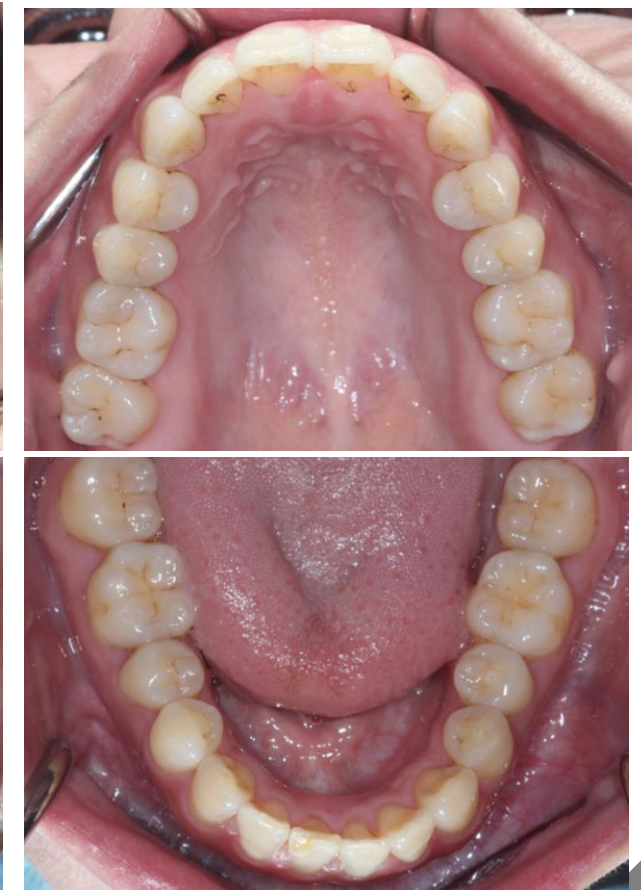
Lih-Juh Chou, D.D.S., M.S.  
Diplomate, American Board of Orthodontics

## Lower Anterior teeth crowding

► Female



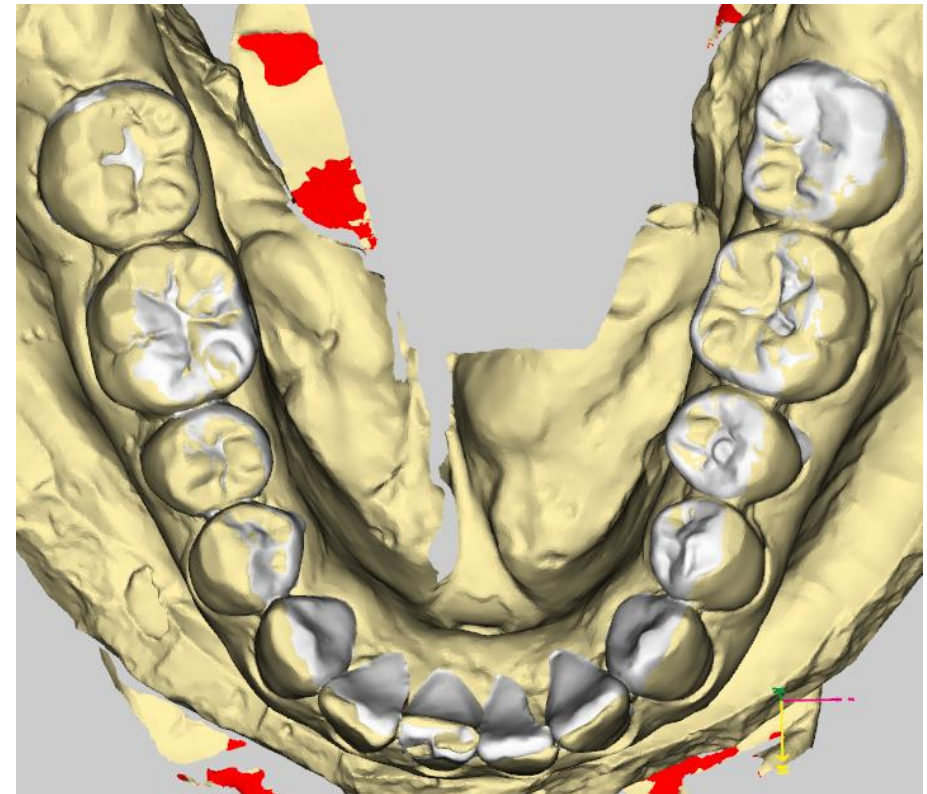
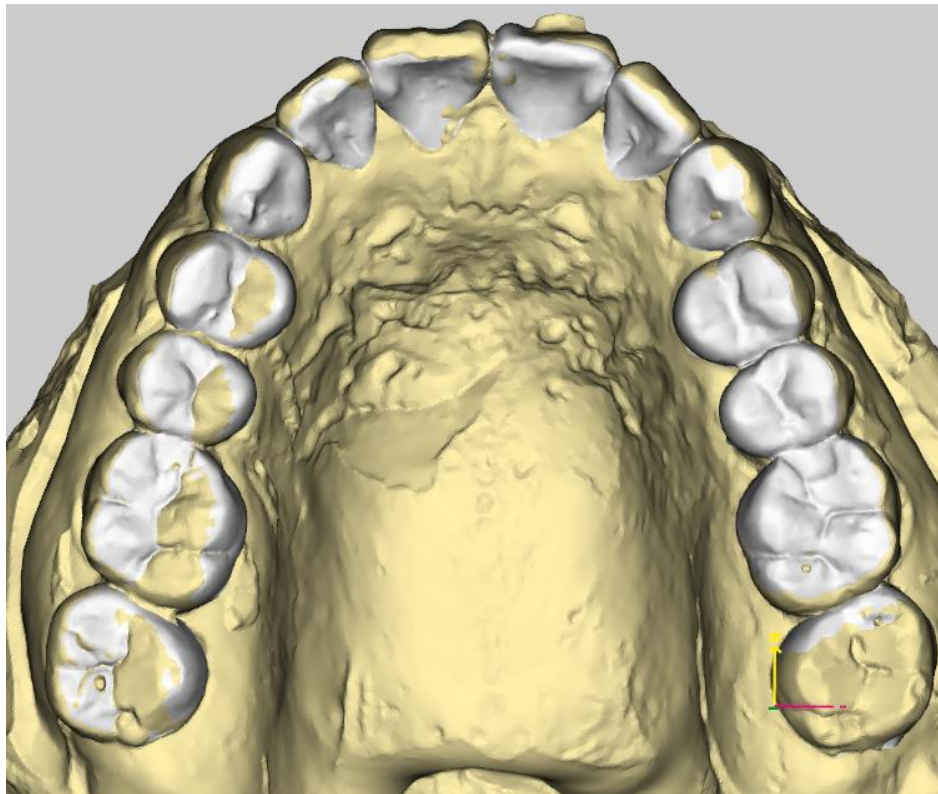
2017-12-20



2018-06-20

## Result comparison

- Color: 2017-12-20 VS White: 2018-06-20



## Case - Upright Anterior Teeth



Lih-Juh Chou, D.D.S., M.S.  
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# Upright Anterior Teeth

► Female: Aligner treatment

2019-11-15



2020-09-08



# Upright Anterior Teeth

## ► Female: Aligner treatment



2019-11-15



2020-09-08

## Case - Finishing and Detailing



Lih-Juh Chou, D.D.S., M.S.  
Diplomate, American Board of Orthodontics

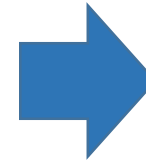
## Finishing and Detailing

- ▶ When the patient finished his bracket treatment  
→ Severe crowding is found in the front. Space deficiency is 10.7 mm.



## Finishing and Detailing

- ▶ Aligner treatment result → 4 months



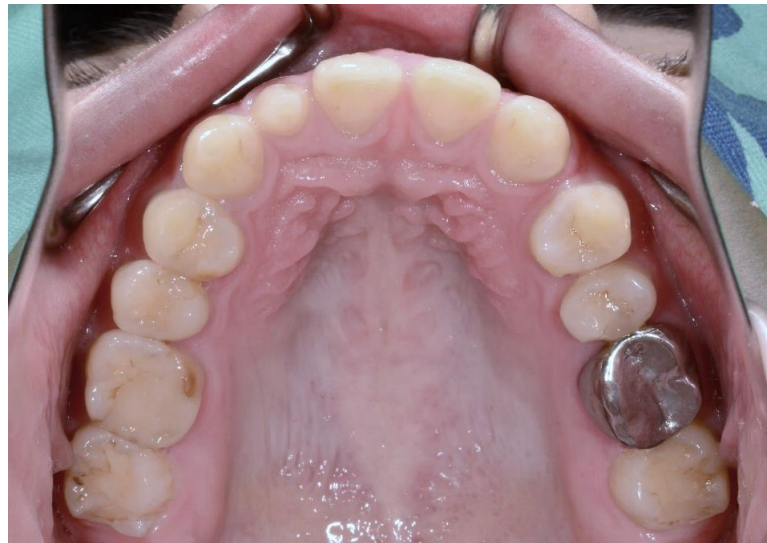
## Case - Create Space for Implant

Lih-Juh Chou, D.D.S., M.S.  
Diplomate, American Board of Orthodontics



# Create Space for Implant

► Female 21 YR 02 MO



# Create Space for Implant

## Aligner + TAD

2020-01-10



2021-06-20



# Create Space for Implant

## Aligner + TAD



2020-01-10

2021-06-20

# Create space for Implant

## Result



## Case - Create Space for Implant

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Diplomate, American Board of Orthodontics



# Create Space for Implant

► Female 35 YR 0 MO



# Create Space for Implant

## Aligner + TAD



2017-09-26

2019-03-06

# Create Space for Implant

## Aligner + TAD

2017-09-26



2019-03-06



## Case - Scissor Bite

Lih-Juh Chou, D.D.S., M.S.  
Diplomate, American Board of Orthodontics



## Scissor Bite



## Scissor Bite



## Case - Scissor Bite (Molar)

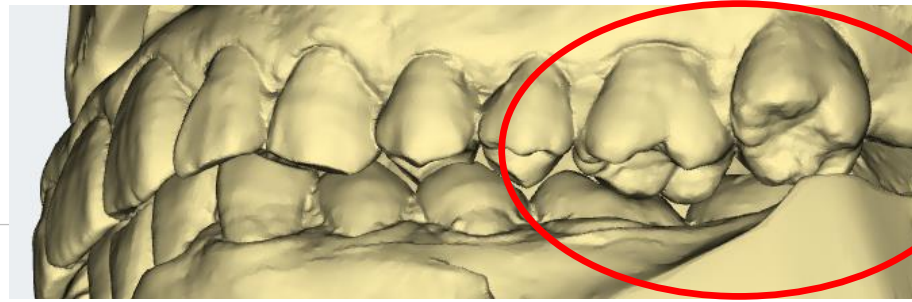
Lih-Juh Chou, D.D.S., M.S.  
Diplomate, American Board of Orthodontics

## Scissor Bite

► Male 35 YR 00 MO

The patient **doesn't want to change** his bite except for the scissor bite area

→ **Only Aligner** can do it!!



**CHOICE**  
BIOTECH



# Scissor Bite

## Aligner + TAD



2018-09-28

2019-10-05

# Scissor Bite

## Aligner + TAD

2018-09-28

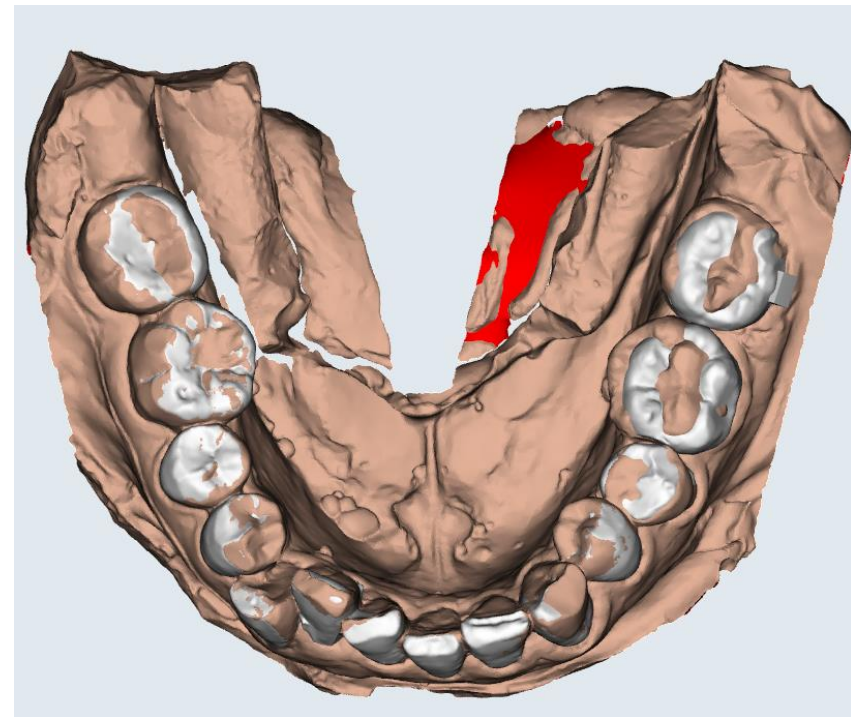
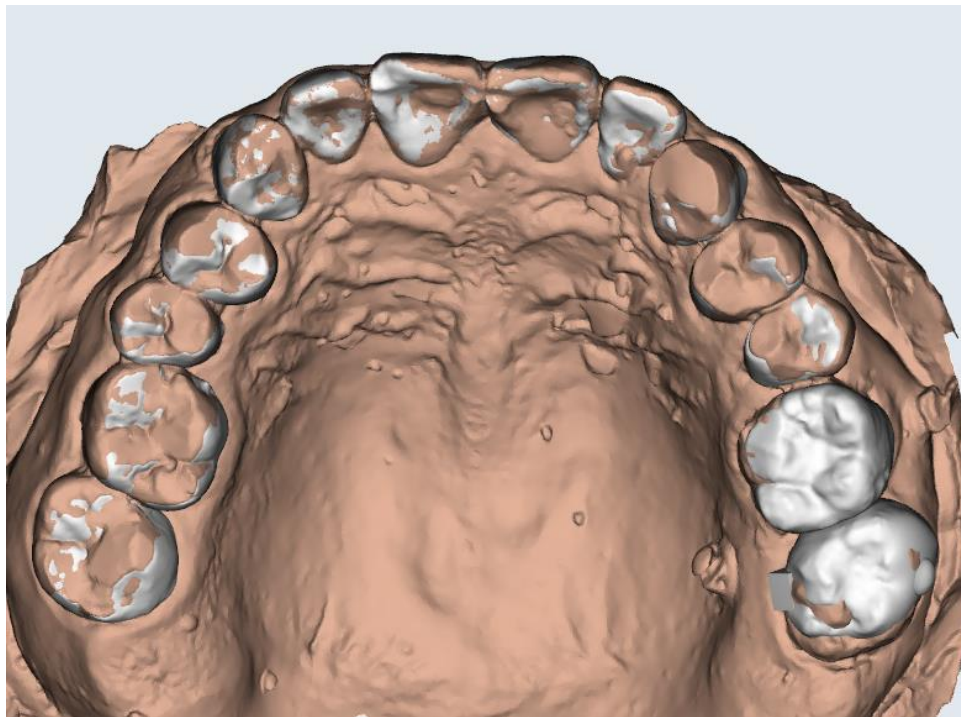


2019-10-05



## Result comparison

- ▶ Color: 2018-09-28 VS White: 2019-10-05



## Case - Invisalign Trouble Shooting

Lih-Juh Chou, D.D.S., M.S.  
Diplomate, American Board of Orthodontics



# Invisalign Trouble Shooting

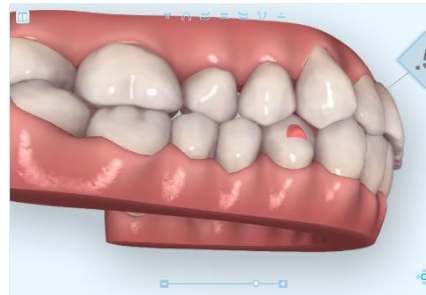
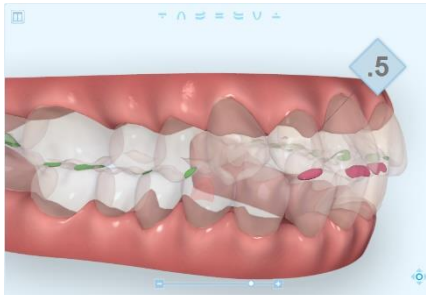
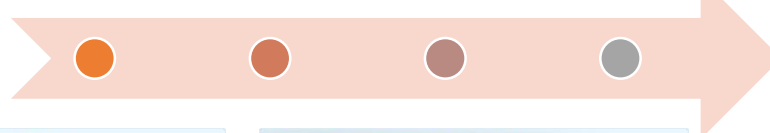
► Female 35 YR 00 MO

→ Patient receives Invisalign treatment to resolve BITE problem  
After one year, the posterior teeth become open bite.

2017-03-08 IR



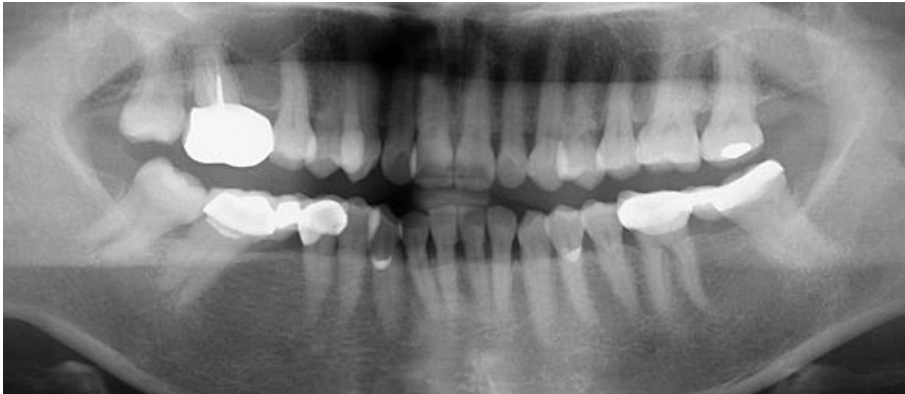
2017 0428    2017 0615    2017 0619    2018 0618



2018-05-08 PR1

# ◀ Invisalign Trouble Shooting

## ▶ Aligner with IPR



2018-05-28



2019-01-05

# ◀ Invisalign Trouble Shooting

- ▶ Aligner with IPR 2019-01-05



# Aligner Treatment

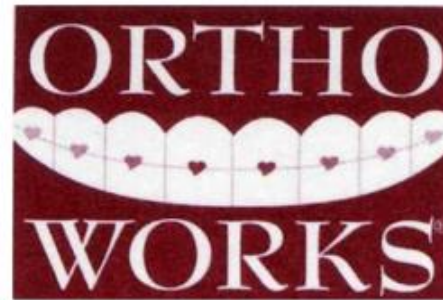
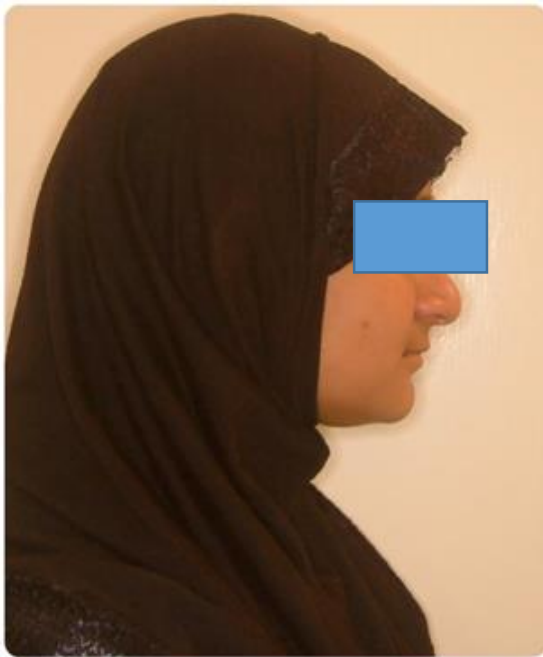
- Mild Case
- Moderate Case
- Class III Occlusion
- Deep Bite
- Severe Cases



## Case - Mild Case

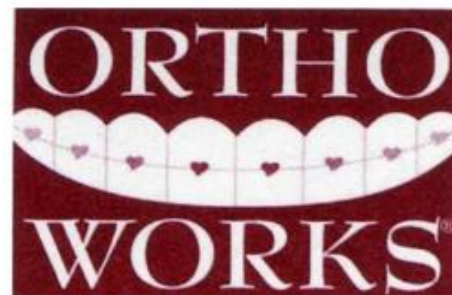
David Shen, DMD  
ORTHO WORKS, SAN FRANCISCO, US





13y 6m, 08/29/19  
Initial



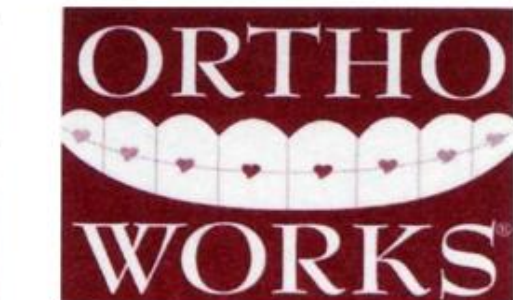


[redacted], 16y 2m, 05/12/22  
PAs



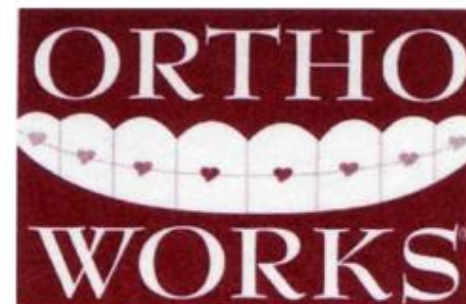
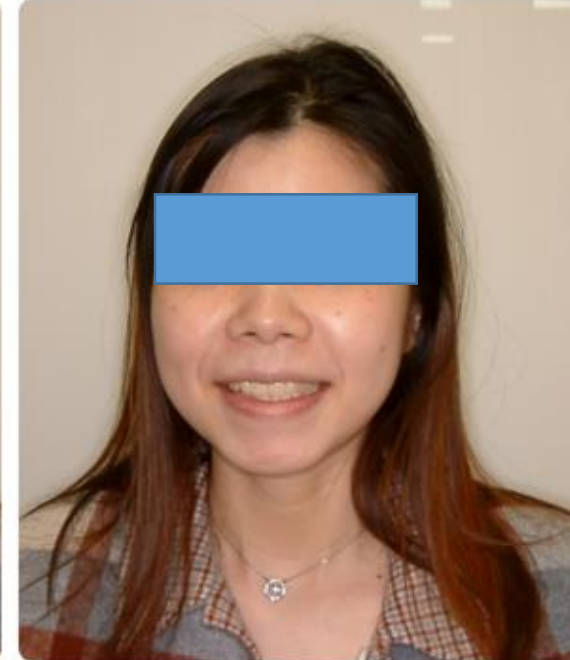
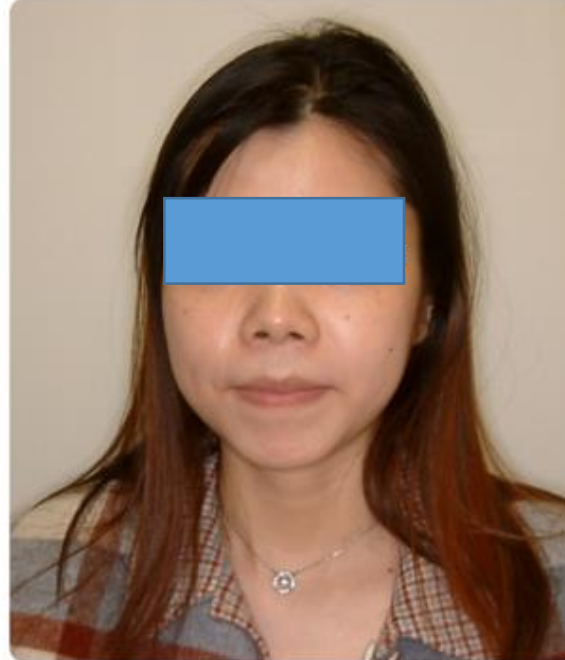
## Case - Moderate Case

David Shen, DMD  
ORTHO WORKS, SAN FRANCISCO, US



25y 0m, 11/08/18  
Initial





28y 6m, 05/17/22

Refinement 4



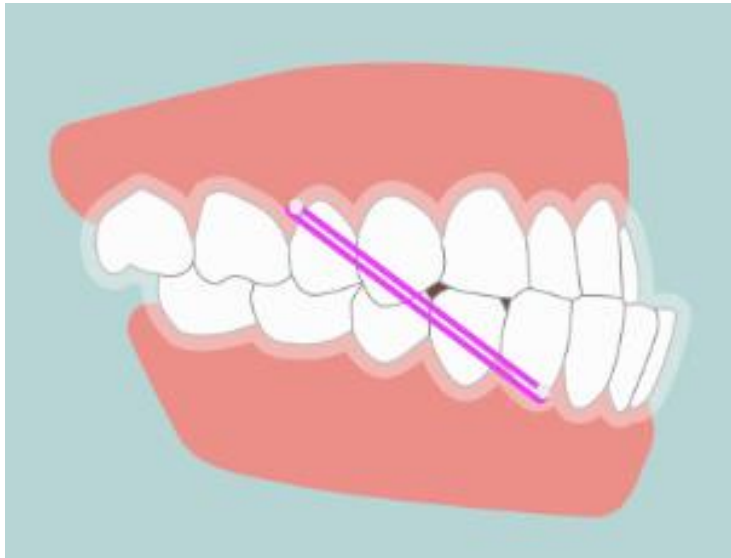


## Case - Class III Occlusion



## Class III Occlusion

- ▶ Female 15 YR  
→ Growth prediction : class III



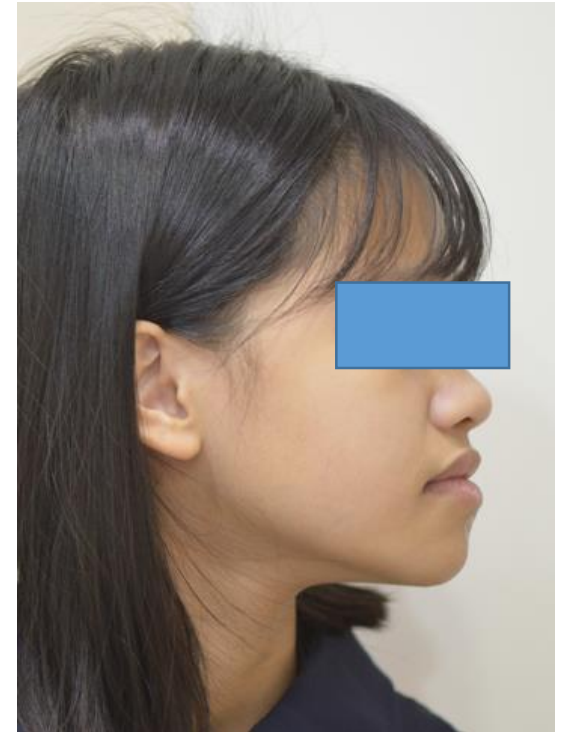
## Class III

► Female 15 YR → Aligner + class III elastics

2021-11-15



2022-07-11



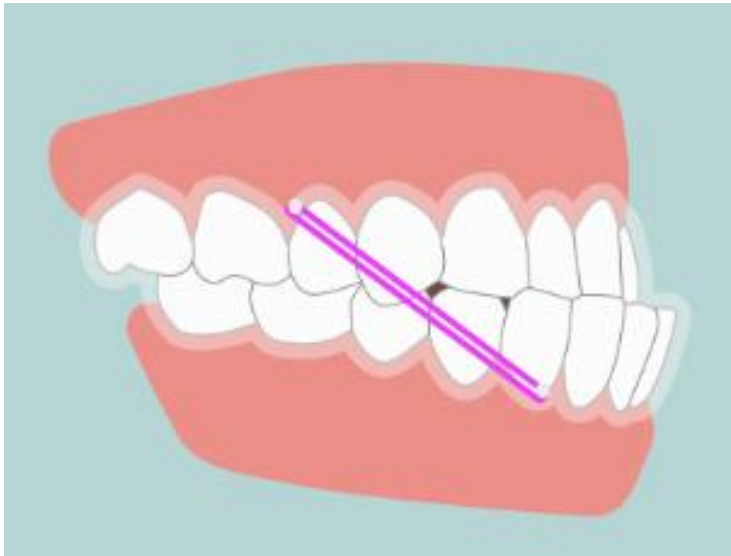


## Case - Class III Occlusion



## Class III Occlusion

- ▶ Female 13 YR  
→ Growth prediction : class III



## Class III

- ▶ Female 15 YR → Aligner + class III elastics



2020-07-22



2021-05-17

## Case - Deep bite



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## Deep bite

- ▶ Female 15 YR 2 MO  
→ class II division 2



## Deep bite

- ▶ Female 15 YR 2 MO  
→ Aligner + TAD

2016-06-15



2019-04-27



# Deep bite

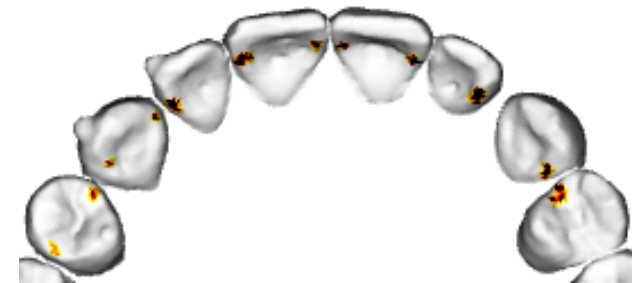
► Female 15 YR 2 MO → Aligner + TAD



2016-06-15

2019-04-27

Final occlusal contact

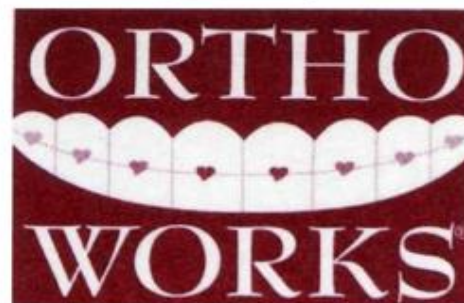




Case - Severe Case +  
TAD

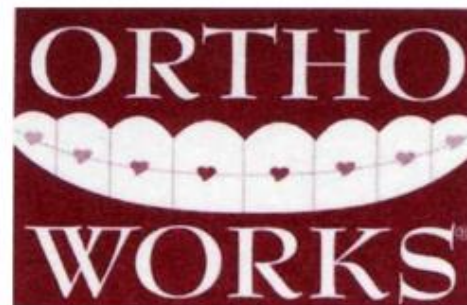
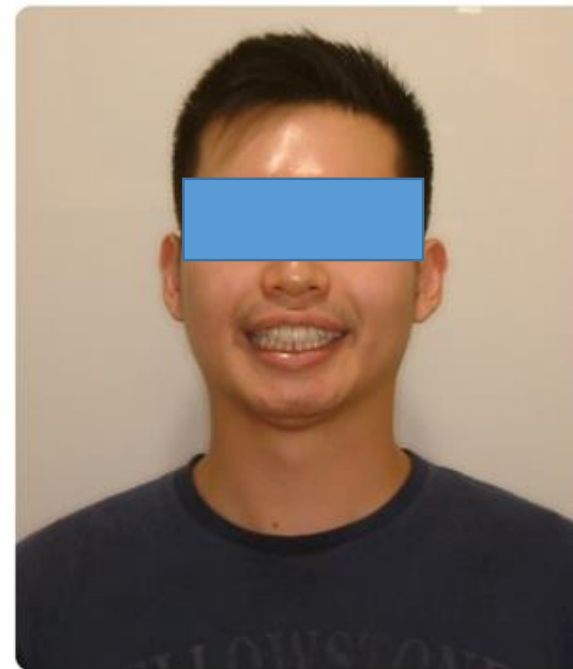
David Shen, DMD  
ORTHO WORKS, SAN FRANCISCO, US





22y 6m, 03/12/20  
Initial





26y 7m, 04/16/24  
Refinement 5



*Thanks for Your  
Attention*