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**Flash**

Case

Compendium

Volume 1, September 2020



Confidence  
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FLASH CLEAR ALIGNERS

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# Foreword

This Flash Case Compendium Volume 1 encompasses the very initial, successfully treated cases and treating Orthodontist's experiences with Flash Aligners right from the inception of the brand.

Flash Orthodontics strongly believes in 'Science & Service' that provides complete aligner solutions to the treating Orthodontist and their patients by the virtue of its Experiential pillars, which are reflected in the treatment outcomes that have been added herewith.

Each case study includes the patients photo records, case type with treatment plan details, X-rays, Real-Time superimpositions (a tool for treatment traction available with Flash Orthodontics) and critical appraisal.

The cases compiled in the first version of this journal range from simple, moderate to severe malocclusions, completed as per the treatment requirements to the best of global Orthodontic finishing standards.

## **Dr. Dhaval Fadia**

MDS (Orthodontics & Dentofacial Orthopedics)

Head (Orthodontic Design Services)

Flash Orthodontics



# Acknowledgement

We are deeply grateful to all the Certified Orthodontists who have bestowed trust upon us in these initial years of inception and growth of Flash Orthodontics as a brand.

First, our appreciation to the Orthodontists who have submitted quality records and successfully completed cases with Flash aligners as published in this Flash Case Compendium Volume 1.

Second, thanks to our sales team comprising of Dental Experiential Executives who have been working tirelessly to achieve our mission of being the preferred choice of aligner brand among the Orthodontists and consumers in India.

Third, special thanks to the Orthodontic Design Team at Flash Orthodontics who at all times administer, at best, the knowledge of the speciality while keeping the best interest of the treating Orthodontist and their patients requirements as priority while creating Flash Plans.

Fourth, thanks to our Production team for ensuring seamless, on-time fabrication and delivery of custom made, well-finished and packaged Flash aligners with starter kit to enhance patient experience in treatment.

And, last but not the least, we are overwhelmingly grateful to the senior (core) management at Flash Orthodontics, who understand and position the 'Science of Orthodontics' and overall Orthodontist and patient service experience above all while building the Brand with Values of Excellence, Efficiency and Enterprise.



# Completed Case Studies with Orthodontist Experiences





**Orthodontist:**  
Dr. Dhaval Fadia  
Mumbai

## Case 01 Summary

Patient ID: 16RCO

Age: 26 yrs

Gender: Female

Date of Publication: September, 2016

Chief Complaint: Spacing in upper front teeth.

Diagnosis: Class I malocclusion with upper anterior spaces and mild proclination with open bite tendency due to tongue thrusting habit.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Idealize overjet and overbite. Close anterior spaces and correct midline.

**Case Type:** Flash 10  
Upper arch: 10 subphases

**Refinement Aligners:** No refinement aligners were required.

**IPR details:** No IPR required

**Flash Guides:**  
No Flash Guides

**Retention:** Upper lingual bonded retainer between 11, 21 and Removable Flash retainer.

**Treatment Duration:** 4 months



### Upper Occlusal Intra Oral Images



Pre Treatment



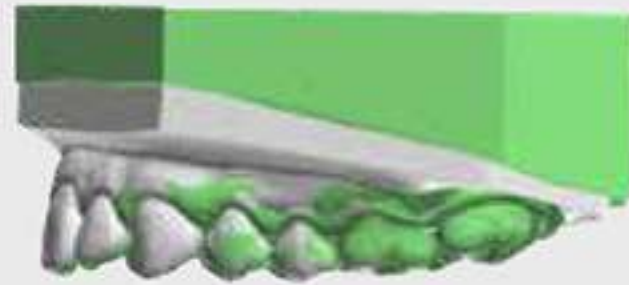
Post Treatment

### Upper Arch Realtime Superimposition



White: Pre Treatment  
Green: Post Treatment

Pre to Post Treatment



Upper Right Lateral View showing  
Proclination Correction

Pre to Post Treatment

### Smile Improvement



Pre Treatment



Post Treatment

### Feedback & Critical Appraisal of the case:

Treatment objective were achieved with improvement in bite settling and smile.





**Orthodontist:**  
Dr. Neha Mehta  
Mumbai

## Case 02 Summary

Patient ID: 16AAO

Age: 48 yrs

Gender: Female

Date of Publication: September, 2016

Chief Complaint: Spacing in upper front teeth and gummy smile.

Diagnosis: Angle's Class 1 malocclusion with midline diastema and deep overbite with unaesthetic smile.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Closure of midline diastema with intrusion and retraction of upper anteriors for overjet and overbite correction.

**Case Type:** Flash 20  
Upper arch: 18 subphases

**Refinement Aligners:** Upper arch: 4 subphases

**IPR details:** Upper arch: 0.1 mm

**Flash Guides:**

Anchorage: 13, 23, 26

Intrusion: 12, 22

Vertical bar: 11, 21

**Retention:** Upper removable Flash Retainer with fixed lingual bonded retainer.

**Treatment Duration:** 7 months 10 days



### Upper Occlusal Intra Oral Images

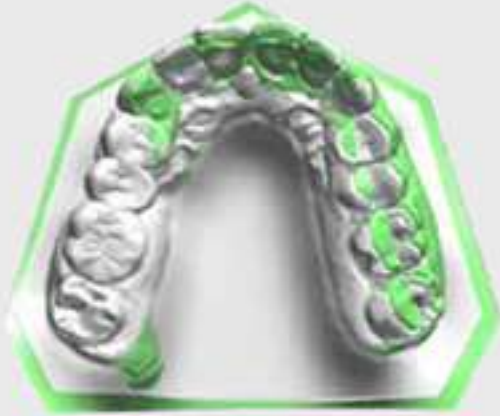


Pre Treatment



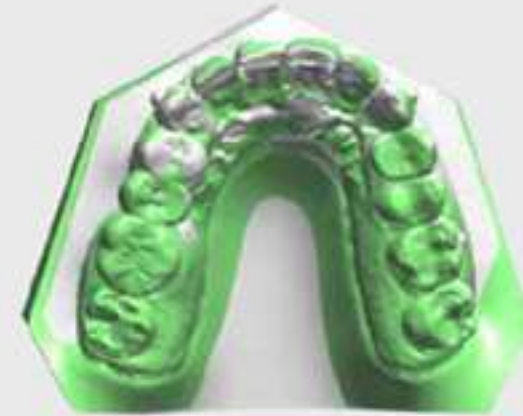
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

#### Feedback & Critical Appraisal of the case:

Intrusion of upper anterior teeth 11, 12, 21, 22, with reduction in deep overbite and achieved favourable overjet. Achieved a good smile correction. Good bone formation with upper anteriors after intrusion.

#### Post Treatment Correction:

Patient underwent bleaching for aesthetic correction.

#### Orthodontist's Flash Experience:

Have started with Mild to Moderate cases.

- 1) Achieved predicted results with minimal refinements.
  - 2) The quality of Aligners are not compromised and comfortable to the patients.
  - 3) The best is treatment can be commenced within a week of Approval. So there is minimal waiting period. Awaiting advancement on the software front and taking it on par with international standards.
- Overall a very Satisfying Experience.





**Orthodontist:**  
Dr. Nikhilesh Vaid  
Mumbai

## Case 03 Summary

**Patient ID:** 16AAA

**Age:** 25 yrs

**Gender:** Male

**Date of Publication:** November, 2017

**Chief Complaint:** Spacing in upper front teeth, retained lower milk tooth.

**Diagnosis:** Class I malocclusion, with upper anterior spaces and mild proclination deep bite, midline shift, mild lower anterior crowding and retained lower left deciduous second molar.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Idealize overjet and overbite. Close anterior spaces and correct midline. Create pontic space for lower left second premolar for future prosthesis.

**Case Type:** Flash 20

Upper arch: 15 subphases

Lower arch: 15 subphases

**Refinement Aligners:** No refinement aligners were required.

**IPR details:** No IPR required.

**Flash Guides:**

Anchorage: 14, 15, 24, 25

Vertical bar: 33, 34

Horizontal bar: 36

**Retention:** Upper & Lower lingual bonded retainer & Upper Removable Flash retainer.

**Treatment Duration:** 7 months



Upper Occlusal Intra Oral Images

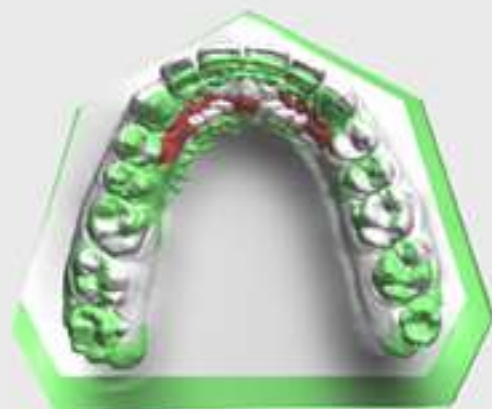


Pre Treatment



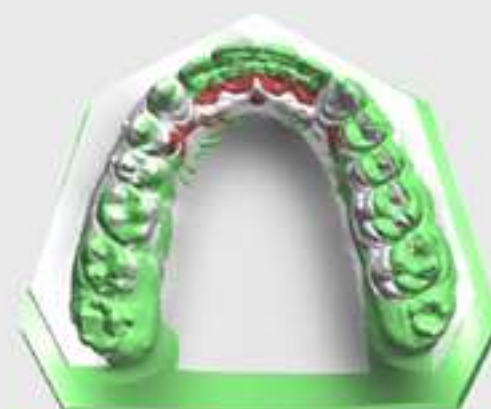
Post Treatment

Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

Lower Occlusal Intra Oral Images

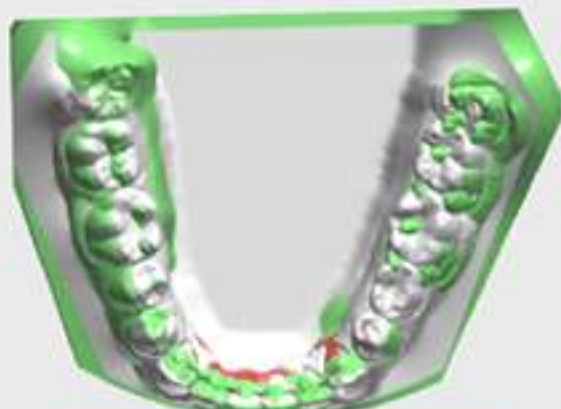


Pre Treatment



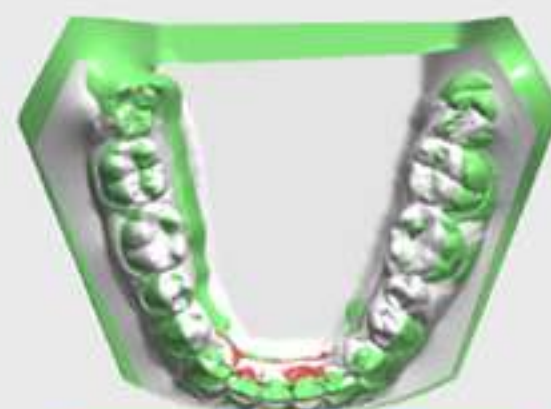
Post Treatment

Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

OPG



Pre Treatment



Post Treatment

Feedback & Critical Appraisal of the case:

Treatment objectives were achieved. Settling of occlusion to be accomplished.





**Orthodontist:**  
Dr. Prema Patel  
Ahmedabad

## Case 04 Summary

Patient ID: 17AEU

Age: 38 yrs

Gender: Female

Date of Publication: August, 2018

Chief Complaint: Spacing and forwardly placed Upper front teeth.

Diagnosis: Angles Class II Div I Malocclusion with proclined and spaced upper anterior teeth and deep anterior overbite.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

Treatment Plan: Space closure, correction of proclination, minimizing lip trap and bite opening.

Case Type: Flash 20  
Upper arch: 18 subphases

Refinement Aligners: Upper arch: 3 subphases

IPR details: No IPR required

Flash Guides:  
Anchorage: 14, 15  
Rotation: 22  
Inclination: 11, 12, 21, 23, 24

Retention: Fixed upper lingual bonded retainer + Removable Flash retainer.

Treatment Duration: 8 months 15 days



### Upper Occlusal Intra Oral Images



Pre Treatment



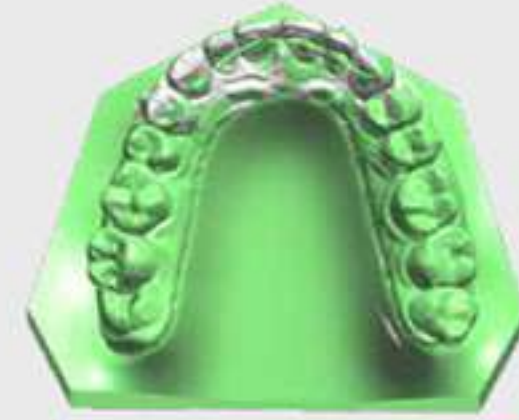
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

Brown: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

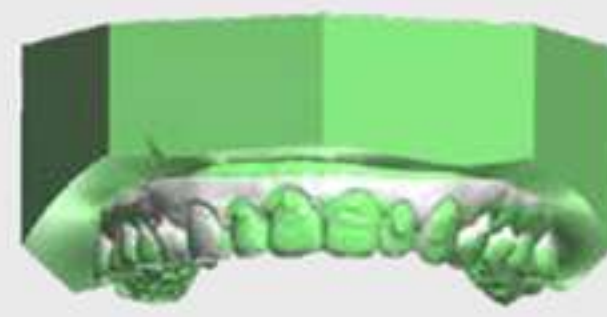
### Upper Arch Realtime Superimposition



Upper Right Profile Showing  
Proclination Correction

Pre to Post Treatment

Brown: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

### Feedback & Critical Appraisal of the case:

Post treatment complete closure of spaces was achieved with sufficient bite opening.

### Orthodontist's Flash Experience:

My experience with Flash is very nice. I am working with Flash since they introduced it in Gujarat. The whole team is very friendly and supportive. They come up with solutions for every problem we have. I am working with only one aligner company, and that's Flash -because I have trusted them fully. Regarding cases, I have experienced that, simple cases give predictable and good results. I have achieved very nice results with the patients I have treated with Flash. Treatment outcome was according to treatment plan approved. The patients are very happy. Thank you team Flash for being always supportive.





**Orthodontist:**  
Dr. Sanuber Sachidina  
Mumbai

## Case 05 Summary

**Patient ID:** 17AGY

**Age:** 24 yrs

**Gender:** Female

**Date of Publication:** August, 2018

**Chief Complaint:** Malaligned upper anterior teeth.

**Diagnosis:** Angle's Class I malocclusion with malaligned upper anteriors and mild crowding in the lower arch with deep bite, upper midline shifted to right by 1mm.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Correction of deep anterior overbite, inclination and crowding correction with upper & lower anterior teeth, rotation correction with teeth 11,12, 33, 35, 45 and correction of midline.

**Case Type:** Flash 30

Upper arch: 30 subphases

Lower arch: 30 subphases

**Refinement Aligners:** Upper arch: 4 subphases

Lower arch: 4 subphases

**IPR details:** Upper arch: 0.5 mm

Lower arch: 0.4 mm

**Flash Guides:**

Anchorage: 13, 25, 35, 45

Rotation: 12, 22, 23, 32, 33, 42

Inclination: 13, 23

**Retention:** Upper & Lower fixed lingual bonded retainer with Removable Flash retainers.

**Treatment Duration:** 11.5 months



### Upper Occlusal Intra Oral Images

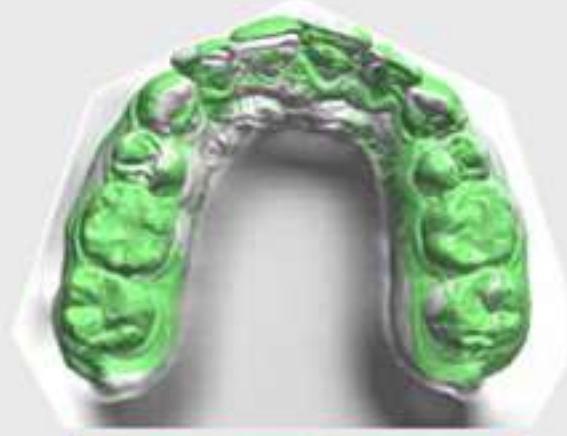


Pre Treatment



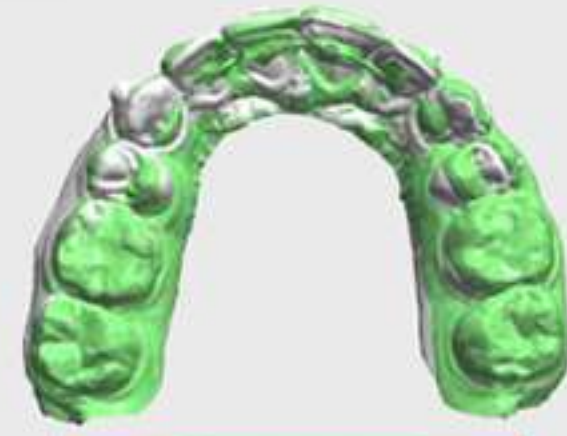
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

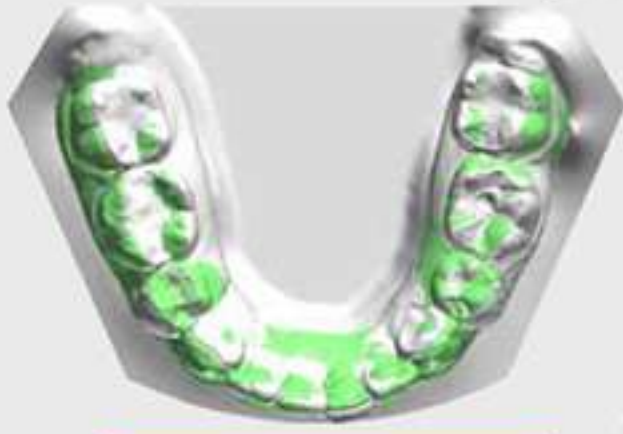


Pre Treatment



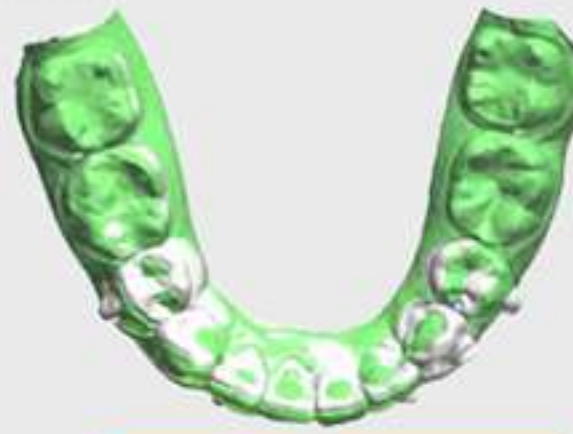
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

### Feedback & Critical Appraisal of the case:

Flash has predictable results and communication with the team makes it easier for better results. Extremely cooperative and approachable people in the team. This case particularly has tracked well throughout the treatment. Patient was also compliant and all the aligners were upto the mark, so thank you so much for the perfection. Treatment objectives were achieved with improvement in smile.

### Orthodontist's Flash Experience:

Patient was very comfortable and happy with the outcome.





**Orthodontist:**  
Dr. Jaineel Parekh  
Mumbai

## Case 06 Summary

**Patient ID:** 17AIH

**Age:** 31 yrs

**Gender:** Female

**Date of Publication:** October, 2018

**Chief Complaint:** Patient complains of upper and lower anterior crowding with mild Proclination of upper front teeth.

**Diagnosis:** Angle's Class II division I malocclusion with deep anterior overbite crowding with upper & lower anterior teeth.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Non Extraction treatment plan with correction of crowding and deep bite while maintaining posterior occlusion.

**Case Type:** Flash 20

Upper arch: 20 subphases

Lower arch: 20 subphases

**Refinement Aligners:** Upper arch: 2 subphases  
Lower arch: 2 subphases

**IPR details:** Upper arch: 1.4 mm  
Lower arch: 0.1 mm

**Flash Guides:**

Anchorage: 14, 25, 34, 44, 46

Rotation: 11, 12, 22, 23

Tipping: 31

**Retention:** Upper and Lower Fixed lingual bonded retainer & Removable Flash retainers.

**Treatment Duration:** 7 months 10 days



### Upper Occlusal Intra Oral Images

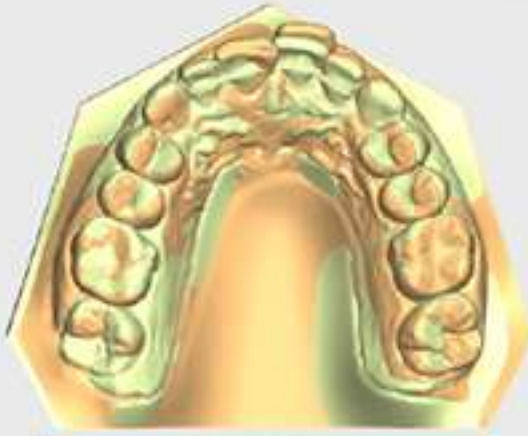


Pre Treatment



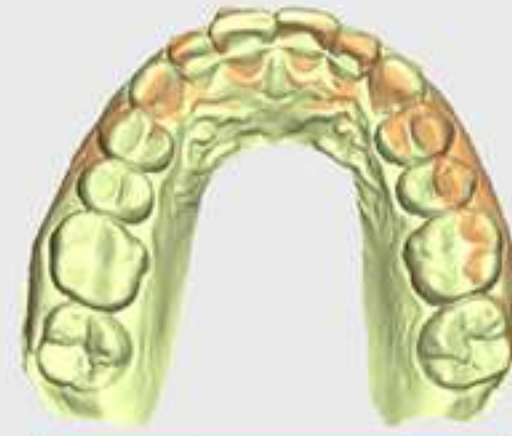
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

Brown: Pre Treatment  
Green: Post Treatment



Plan to Actual

Brown: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

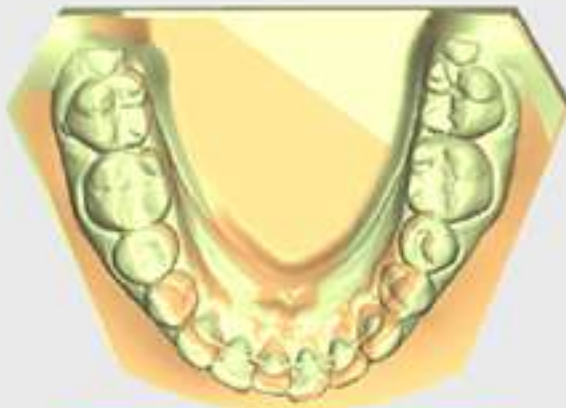


Pre Treatment



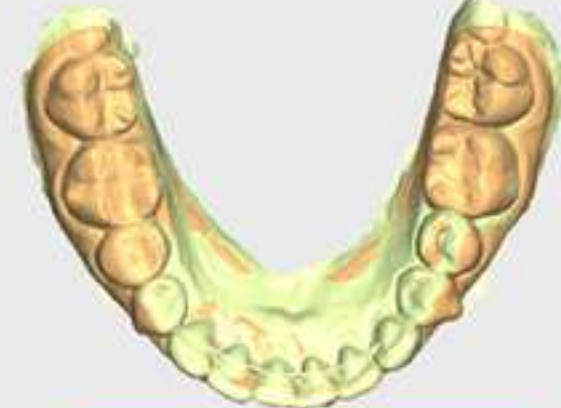
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

Brown: Pre Treatment  
Green: Post Treatment



Plan to Actual

Brown: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

#### Feedback & Critical Appraisal of the case:

I have a good experience with Flash. Patient had a class II div I anterior crowding, mild deep bite, flat profile, overlapping of central incisors, narrow arch we had planned sequential expansion, then anterior sequential interproximal reduction, that made the correction very predictable. We achieved good results. We can see there is a scope of refinement and overcorrection. Patient was very satisfied with results. Contact area of central incisor and the buccolingual alignment of anterior teeth could be better.

#### Orthodontist's Flash Experience:

I will recommend Flash aligner experience to all my colleagues and patients as they have great attention to detail and always strive towards excellence.





**Orthodontist:**  
Dr. Dhaval Fadia  
Mumbai

## Case 07 Summary

**Patient ID:** 16KGO

**Age:** 28 yrs

**Gender:** Female

**Date of Publication:** November, 2018

**Chief Complaint:** Crowding in upper and lower front teeth.

**Diagnosis:** Class II Division I Subdivision malocclusion with upper & lower anterior crowding, End on molar occlusion on right side and upper midline shifted to right by 1mm.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Distalize upper right posterior segment to achieve class 1 molar and canine relation, correction of upper and lower crowding with IPR and arch development, Correction of midline.

**Case Type:** Flash 30

Upper arch: 30 subphases

Lower arch: 30 subphases

**Refinement Aligners:** Upper arch: 7 subphases

Lower arch: 7 subphases

**IPR details:** Upper arch: 0.6 mm

Lower arch: 0.4 mm

**Flash Guides:**

Vertical Bar: 15, 23, 25

Horizontal Bar: 16,17, 26, 46, 47

Rotation: 11

Inclination: 12

Tipping: 21

**Retention:** Upper and lower Removable Flash retainer.

**Treatment Duration:** 13 months



### Upper Occlusal Intra Oral Images

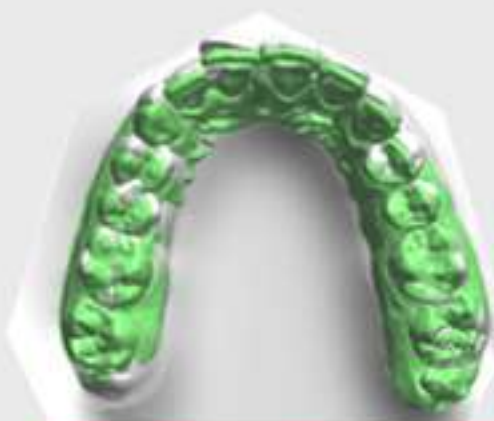


Pre Treatment



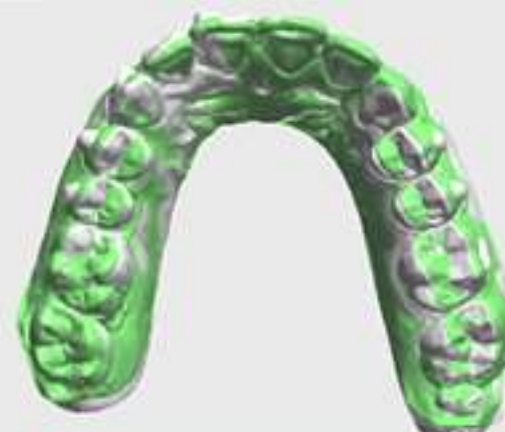
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

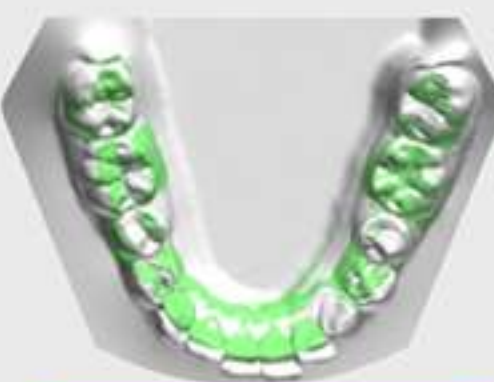


Pre Treatment



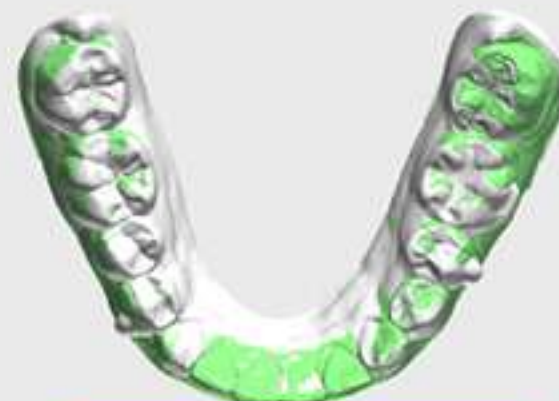
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



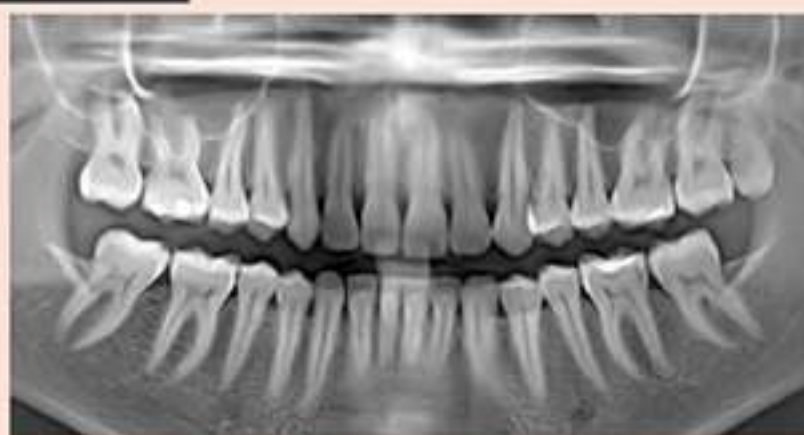
Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

### Feedback & Critical Appraisal of the case:

Treatment objectives were achieved. Class I stable occlusion on left and right side achieved with midline correction.





**Orthodontist:**  
Dr. Chandani Parekh  
Mumbai

## Case 08 Summary

**Patient ID:** 17AFV

**Age:** 24 yrs

**Gender:** Male

**Date of Publication:** November, 2018

**Chief Complaint:** Spacing in the upper front teeth and deep overbite.

**Diagnosis:** Class I malocclusion with midline diastema due to high frenal attachment, deep bite and mild lower anterior crowding.



**Treatment Plan:** Upper space closure, intrusion of upper anterior teeth, Lower alignment with IPR and Frenectomy for high frenal attachment.

**Case Type:** Flash 20

Upper arch: 20 subphases

Lower arch: 20 subphases

**Refinement Aligners:** Upper arch: 3 subphases

Lower arch: 3 subphases

**IPR details:** Lower arch: 2.2 mm

**Flash Guides:**

Anchorage: 14, 23, 35

Vertical bar: 11, 21

Inclination: 12, 13

Rotation: 22, 24, 25, 33, 43, 44, 45

**Retention:** Upper Fixed lingual bonded retainer + Removable Flash retainers.  
Lower Removable Flash retainer.

**Treatment Duration:** 8 months



### Upper Occlusal Intra Oral Images

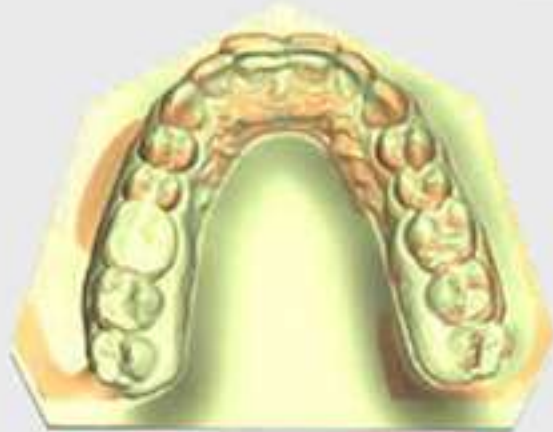


Pre Treatment



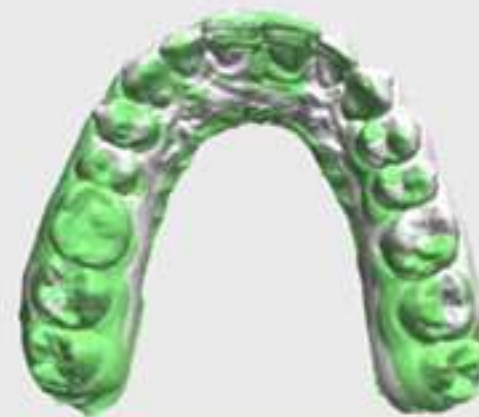
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

Brown: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images



Pre Treatment



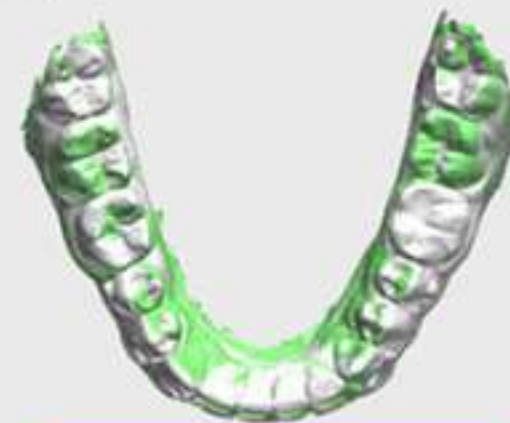
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

Brown: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

### Feedback & Critical Appraisal of the case:

Post treatment complete closure of diastema was achieved with sufficient bite opening. The discrepancy seen in the lower occlusal planned to post treatment superimposition is due to over-correction incorporated in virtual plan to achieve tight proximal contacts.





**Orthodontist:**  
Dr. Osric D'Costa  
Mumbai

## Case 09 Summary

**Patient ID:** 17AIL

**Age:** 37 yrs

**Gender:** Male

**Date of Publication:** January, 2019

**Chief Complaint:** Cross bite and Spacing.

**Diagnosis:** Class 1 Malocclusion with crossbite associated with 21,  
mild crowding in upper arch and mild spacing in lower arch.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Correction of the crossbite and crowding in upper arch as well as closure of all lower anterior spaces. The molars to be used as anchorage without planning any tooth movement.

**Case Type:** Flash 20

Upper arch: 20 subphases

Lower arch: 20 subphases

**Refinement Aligners:** Upper arch: 9 subphases

Lower arch: 9 subphases

**IPR details:** Upper arch: 0.2 mm

Lower arch: 1.8 mm

**Flash Guides:**

Anchorage: 14, 24, 45

Rotation: 15, 25, 33, 35

Inclination: 11, 12, 22, 41, 42

**Retention:** Upper and Lower Removable Flash retainers.

**Treatment Duration:** 11 months



### Upper Occlusal Intra Oral Images

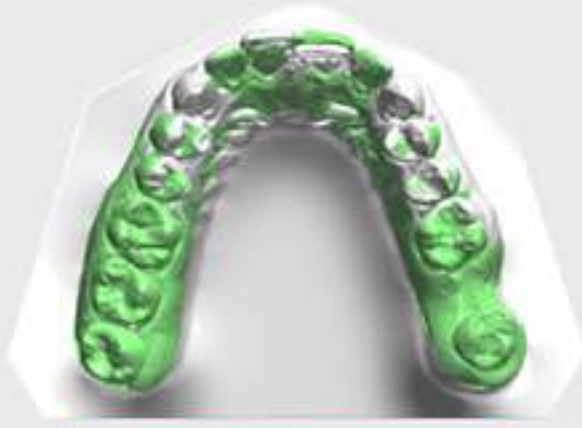


Pre Treatment



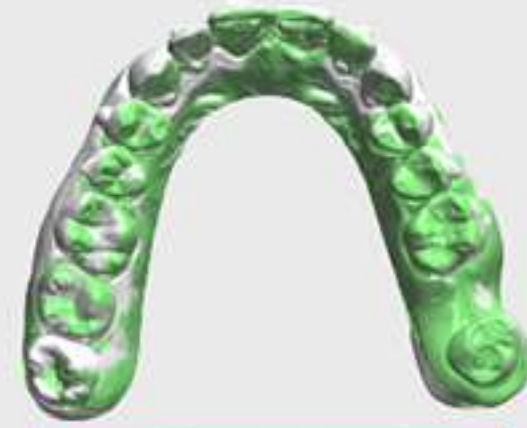
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images



Pre Treatment



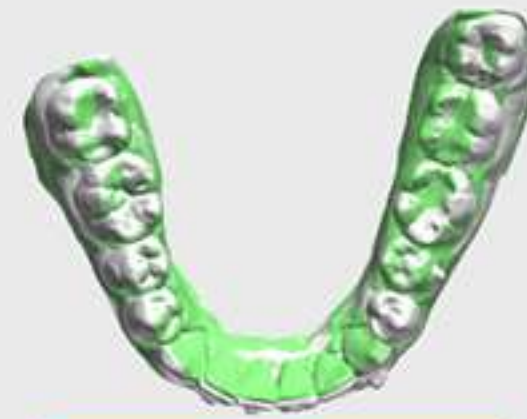
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

### Feedback & Critical Appraisal of the case:

This was one of the first cases that I started with Flash and I was able to achieve the results for my adult patient in 9 months. It was an eye opener for me with the kind of tooth movements that can be achieved with aligners and helped me gain confidence in the product and in my ability to achieve results for my patients. The Correction of crossbite and rotation with respect to 21 took more number of aligners than expected and required 2 sets of refinement. Root parallelism maintained post treatment.

**Orthodontist's Flash Experience:** I have been associated with Flash from the time I started my practise and it has been a pleasant experience for me. They show a great deal of efficiency in all their departments right from the scanning team, the design team and the backend team. At the end of the day it's the results that you achieve for your patient that counts and Flash has delivered that and I am extremely happy to be associated with them.





**Orthodontist:**  
Dr. Jai Lalwani  
Mumbai

## Case 10 Summary

**Patient ID:** 18AHM

**Age:** 33 yrs

**Gender:** Female

**Date of Publication:** April, 2019

**Chief Complaint:** Patient wants to close all the existing spaces.

**Diagnosis:** Class I malocclusion with spacing in upper and lower anterior teeth.



**Treatment Plan:** Non extraction treatment plan with space closure in upper & lower anterior teeth with additional IPR in lower arch for maintaining optimum overjet.

**Case Type:** Flash 20

Upper arch: 20 subphases

Lower arch: 20 subphases

**Refinement Aligners:** Upper arch: 5 subphases

Lower arch: 5 subphases

**IPR details:** Lower arch: 1.2 mm

**Flash Guides:**

Anchorage: 14, 24, 34, 44

Rotation: 43, 35

**Retention:** Upper and Lower Fixed lingual bonded retainer with Removable Flash retainer.

**Treatment Duration:** 8 months 10 days



### Upper Occlusal Intra Oral Images

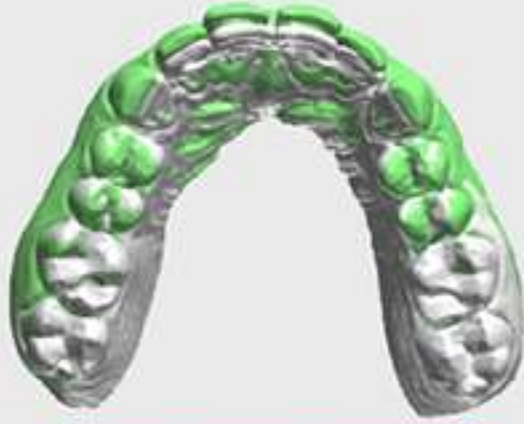


Pre Treatment



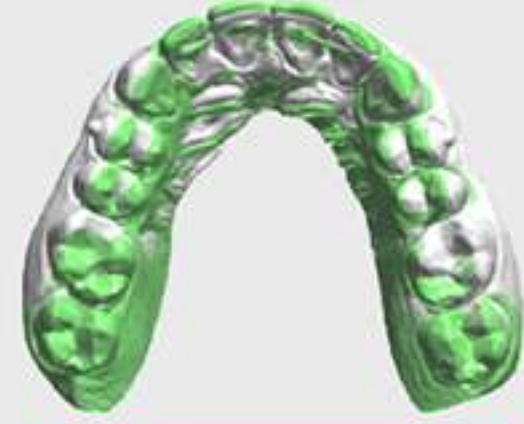
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

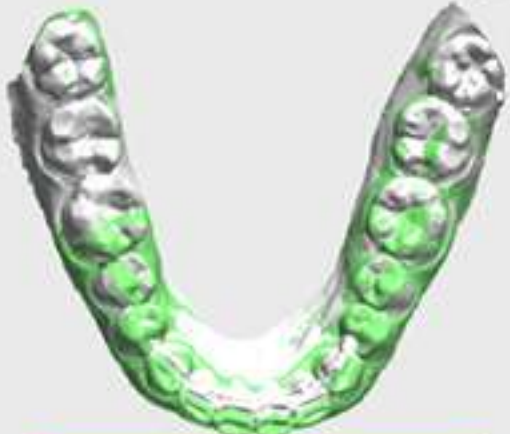


Pre Treatment



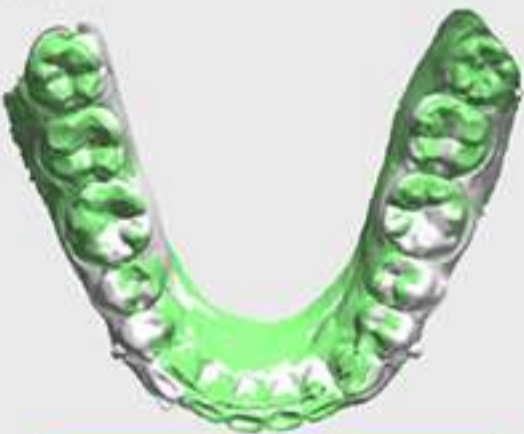
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

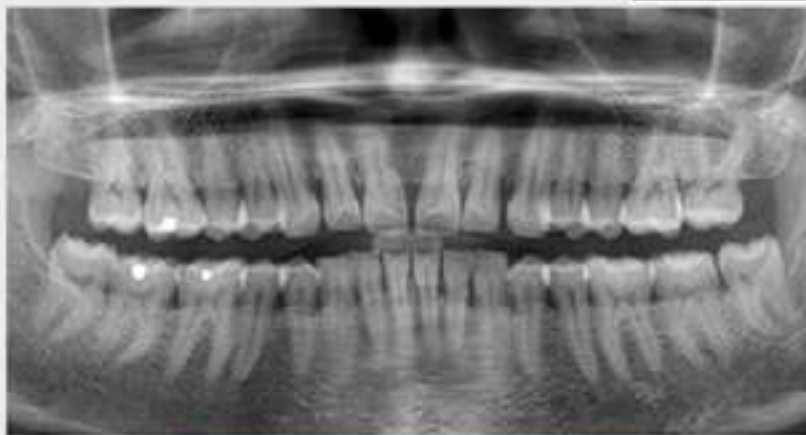
White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

#### Feedback & Critical Appraisal of the case:

Treatment objectives were achieved.

#### Orthodontist's Flash Experience:

My experience with Flash Orthodontics has been always great. Friendly team and Responsive DEE's Case Results have been good and the treatment results are as discussed and as predicted. Patients are happy with the quality and transparency of the aligners. Keep up with the good work.





**Orthodontist:**  
Dr. Sachin Tikekar  
Mumbai

## Case 11 Summary

**Patient ID:** 18AGK

**Age:** 30 yrs

**Gender:** Female

**Date of Publication:** May, 2019

**Chief Complaint:** Upper and lower anterior crowding.

**Diagnosis:** Class I malocclusion with crowding in upper & lower anterior teeth leading to fracture of incisal edge with tooth 21



**Treatment Plan:** Non extraction plan with correction of rotation and Upper & Lower anterior crowding by arch development and IPR.

**Case Type:** Flash 20

Upper arch: 18 subphases

Lower arch: 18 subphases

**Refinement Aligners:** Upper arch: 5 subphases

Lower arch: 5 subphases

**IPR details:** Upper arch: 0.6 mm

Lower arch: 2.1 mm

**Flash Guides:**

Anchorage: 15, 45, 24, 36

Rotation: 11, 21, 31, 41, 32, 34, 35, 44

Tipping: 25

**Retention:** Upper and Lower lingual bonded as well as Removable Flash Retainer.

**Treatment Duration:** 7 months 20 days



### Upper Occlusal Intra Oral Images

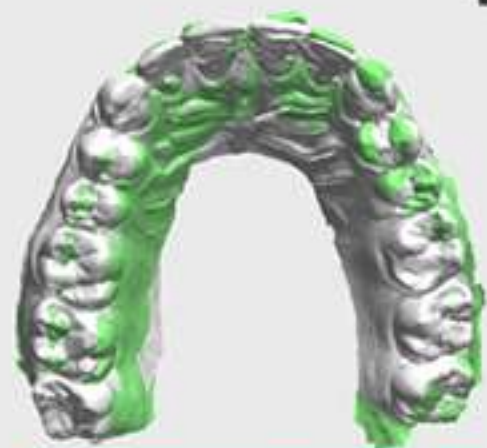


Pre Treatment



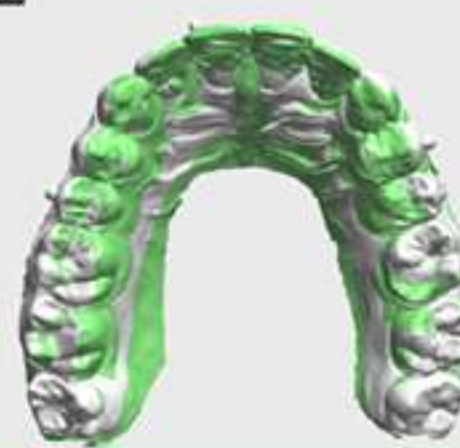
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

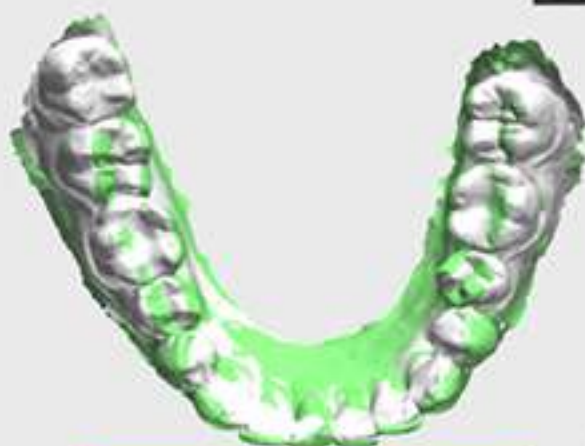


Pre Treatment



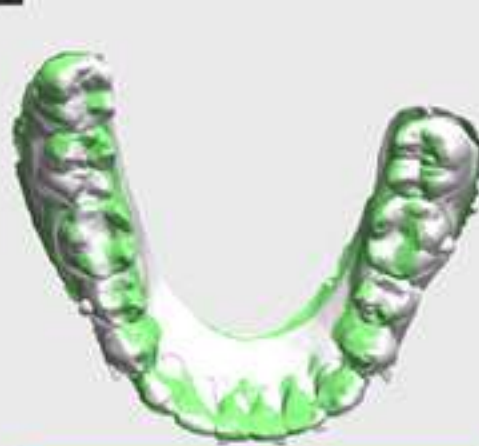
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

#### Feedback & Critical Appraisal of the case:

I am so glad to see post treatment results of my patient. Patient was also satisfied with the whole treatment procedures & results. Midline correction & settling with tooth 15 could have been improved. Remaining corrections were achieved.

#### Orthodontist's Flash Experience:

I am extremely happy with Flash Orthodontic's service. All steps like intraoral scanning, treatment planning, aligners delivery were very good. Thank you so much team Flash Orthodontics. Looking forward to working with you people again.





**Orthodontist:**  
Dr. Jai Lalwani  
Mumbai

## Case 12 Summary

**Patient ID:** 18AHN

**Age:** 27 yrs

**Gender:** Female

**Date of Publication:** June, 2019

**Chief Complaint:** Patients complaints of spacing in all Upper front teeth and wants to close the same.

**Diagnosis:** Class I malocclusion with generalized spacing in upper anterior teeth and midline diastema due to high Frenal attachment.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Non extraction treatment with space closure and frenectomy.

**Case Type:** Flash 20

Upper arch: 20 subphases

Lower arch: 20 subphases

**Refinement Aligners:** Upper arch: 6 subphases  
Lower arch: 6 subphases

**IPR details:** Lower arch: 3.1 mm

**Flash Guides:**

Anchorage: 14, 24, 35, 44

Rotation: 15, 34, 42, 45

**Retention:** Upper & Lower fixed Lingual bonded Retainer along with Removable Flash Retainer.

**Treatment Duration:** 8 months 20 days



### Upper Occlusal Intra Oral Images

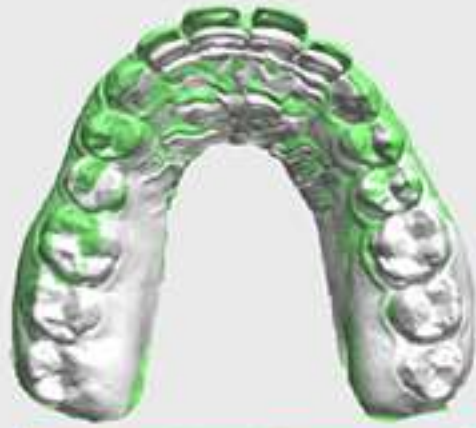


Pre Treatment



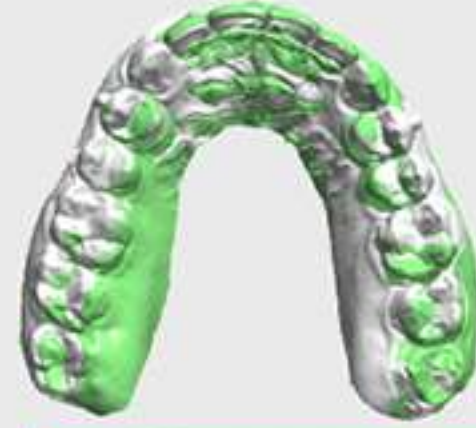
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

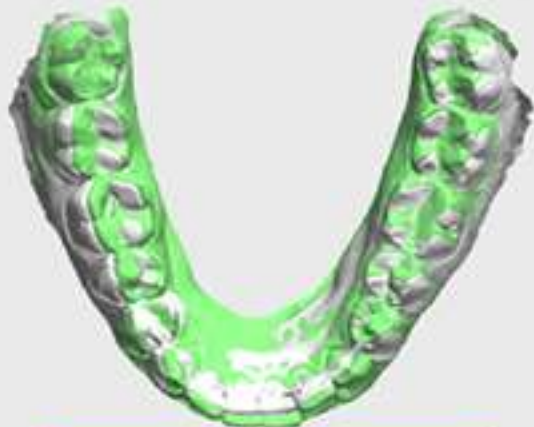


Pre Treatment



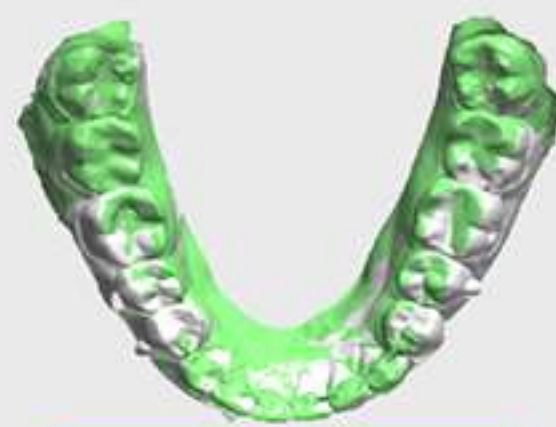
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

#### Feedback & Critical Appraisal of the case:

Midline correction and bite settlement could have been better.

#### Orthodontist's Flash Experience:

My experience with Flash Orthodontics has been always great. Friendly team and Responsive DEE's Case Results have been good and the treatment results are as discussed and as predicted. Patients are happy with the quality and transparency of the aligners. Keep up with the good work.





**Orthodontist:**  
Dr. Manan Atit  
Ahmedabad

## Case 13 Summary

Patient ID: 18AIZ

Age: 39 yrs

Gender: Female

Date of Publication: June, 2019

Chief Complaint: Spacing in upper and lower front teeth.

Diagnosis: Class I Malocclusion with Generalised Spacing  
(Specially 3-3 Anterior Region).

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Close the generalised spacing (specially 3-3 anterior region) and get proper tip and torque of incisors with Class I Molar and Canine relationship.

**Case Type:** Flash 20

Upper arch: 20 subphases

Lower arch: 20 subphases

**IPR details:** No IPR required.

**Flash Guides:**

Anchorage: 15, 24,

Rotation: 14, 22, 32, 33, 35, 43

Vertical bar: 13, 23, 34, 41, 44

**Retention:** Upper and Lower Flash Removable retainers with fixed lingual bonded retainer.

**Treatment Duration:** 7 months



### Upper Occlusal Intra Oral Images

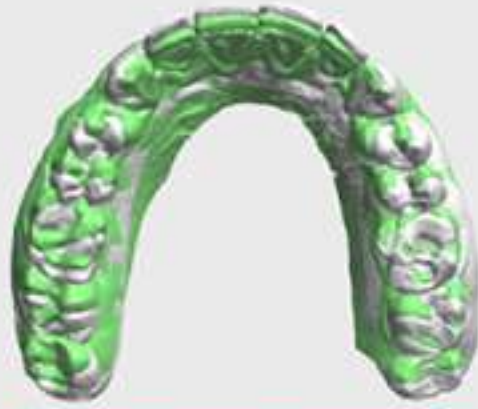


Pre Treatment



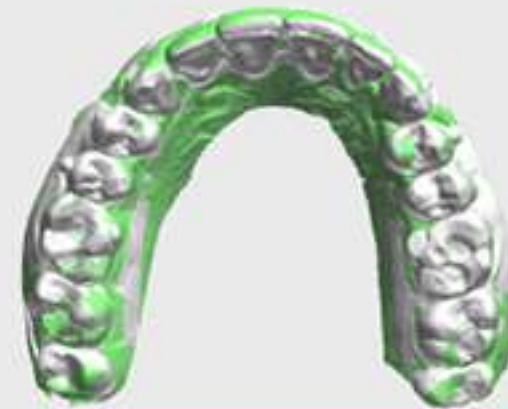
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

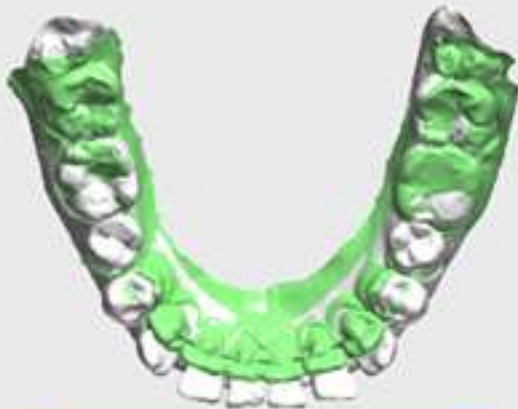


Pre Treatment



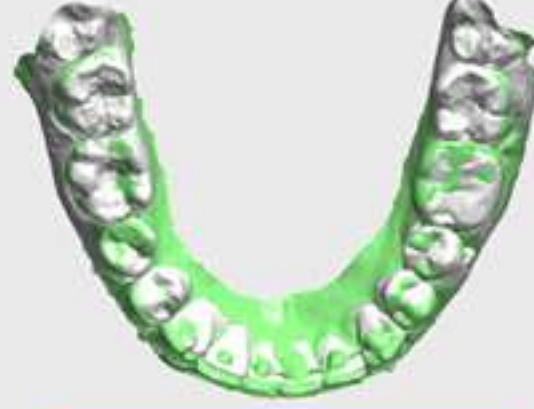
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

#### Feedback & Critical Appraisal of the case:

Patient being a working woman wanted to go for invisible braces and what better than to offer Flash aligners as an Orthodontist. Patient and myself are completely satisfied with the outcome of the case overall and services given by Team Flash. All the spaces were closed nicely with patient comfort and ease throughout the treatment. Patient & myself are Very happy with the post treatment results achieved.

#### Orthodontist's Flash Experience:

The best aligner family (not a company) to work with in terms of product quality, doctor support & ease of working with everyone from Flash family... and that too Made in India & Make in India.





**Orthodontist:**  
Dr. Amish Mehta  
Baroda

## Case 14 Summary

**Patient ID:** 18ALO

**Age:** 25 yrs

**Gender:** Male

**Date of Publication:** June 2019

**Chief Complaint:** Spacing and forwardly placed teeth.

**Diagnosis:** Class-1 malocclusion with spacing and proclination in upper & lower anterior teeth.



**Treatment Plan:** Closure of spaces and correction of proclination while maintaining posterior occlusion.

**Case Type:** Flash 20  
Upper arch: 20 subphases  
Lower arch: 20 subphases

**Refinement Aligners:** Upper arch: 6 subphases  
Lower arch: 6 subphases

**IPR details:** Lower arch: 4.1 mm

**Flash Guides:**  
Anchorage: 34, 45  
Rotation: 32, 33, 43  
Vertical bar: 11, 13, 14, 21, 23, 24, 41  
Horizontal bar: 16, 26

**Retention:** Upper and lower Flash Removable retainers along with lingual fixed retainer.

**Treatment Duration:** 9 months



Upper Occlusal Intra Oral Images

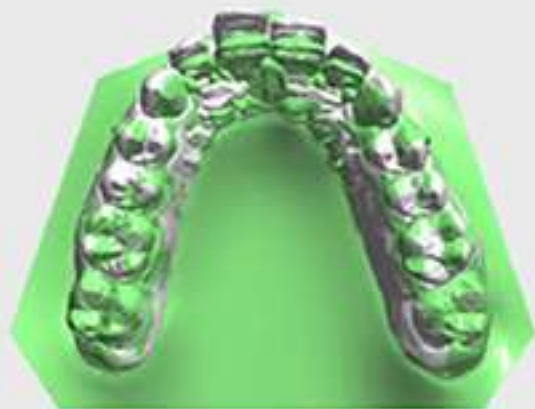


Pre Treatment



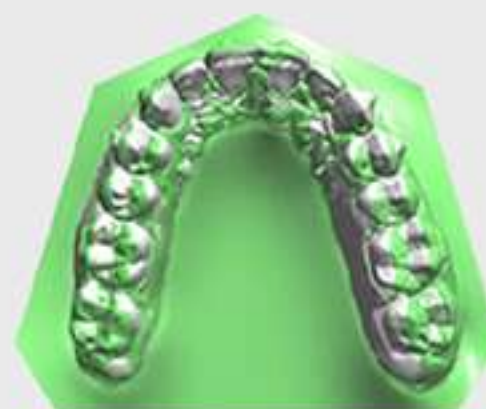
Post Treatment

Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

Lower Occlusal Intra Oral Images

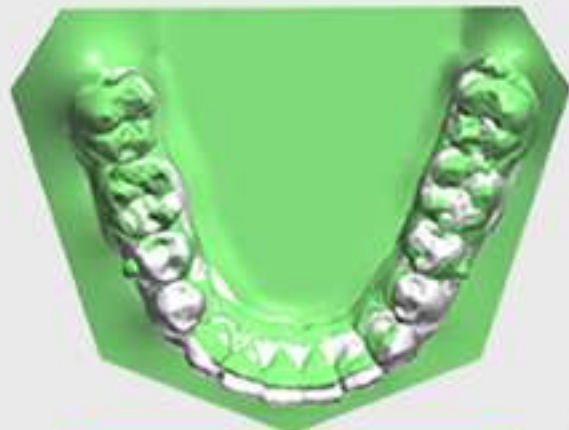


Pre Treatment



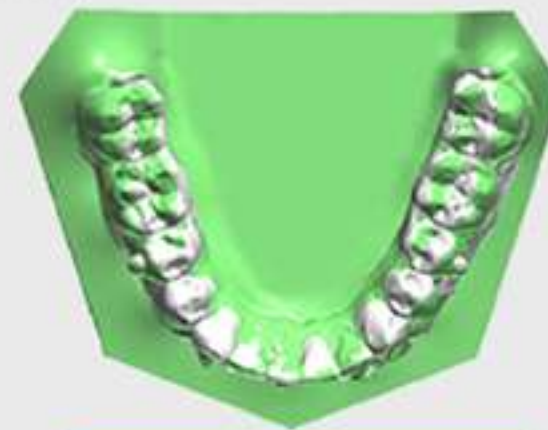
Post Treatment

Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

OPG



Pre Treatment



Post Treatment

Feedback & Critical Appraisal of the case:  
Treatment objectives were achieved.



## Case 15 Summary

Patient ID: 18AFJ

Age: 26 yrs

Gender: Female

Date of Publication: October, 2019

Chief Complaint: Spacing and forwardly placed teeth.

Diagnosis: Angle's Class I malocclusion with proclined and spaced upper anteriors and proclined lower anteriors, upper midline shifted to left by 3mm, incisal edge discrepancy.



**Orthodontist:**  
Dr. Akshay Sharma  
Pune

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Correction of proclination, closure of spaces, maximum possible midline correction and alignment of upper incisal edges.

**Case Type:** Flash 20

Upper arch: 18 subphases  
Lower arch: 18 subphases

**Refinement Aligners:** Upper arch: 2 subphases  
Lower arch: 2 subphases

**IPR details:** Upper arch: 0.8 mm  
Lower arch: 1.3 mm

**Flash Guides:**

Anchorage: 15, 25, 34, 44  
Vertical bar: 11, 12  
Horizontal Bar: 46, 47  
Rotation: 35

**Retention:** Upper and lower Flash removable retainers.

**Treatment Duration:** 7 months



### Upper Occlusal Intra Oral Images

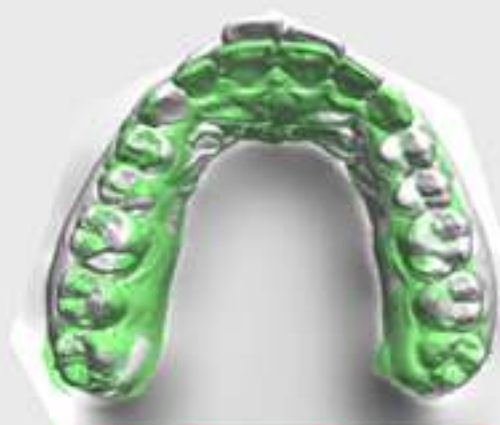


Pre Treatment



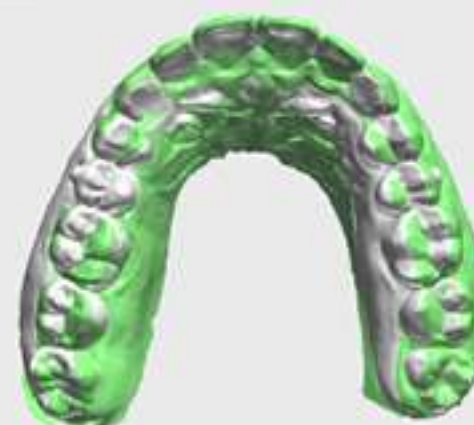
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

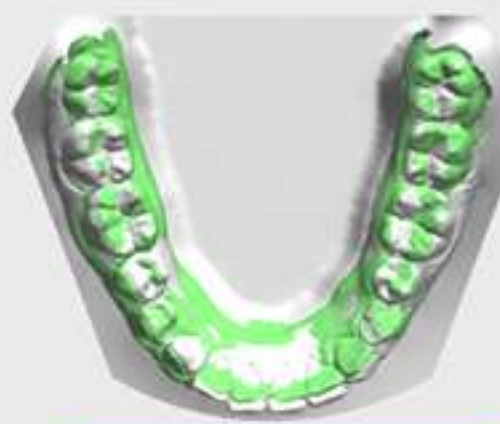


Pre Treatment



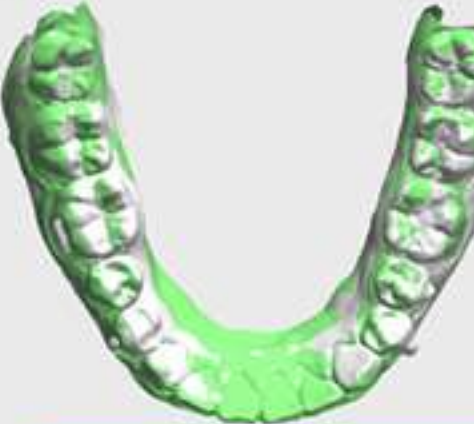
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

### Feedback & Critical Appraisal of the case:

It was straight forward to plan to execute and the results were found to be satisfying on my end as well as the patient's end. Minor corrections were yet to be seen in the last 2 sets but the patient didn't want to continue treatment and was satisfied with the same. Treatment objectives were achieved.

### Orthodontist's Flash Experience:

Flash is one of the initial companies I approached during my PG years itself and found it to be very systematic in function and have become used to how they function. Contacting the team behind Flash for doubts and queries for further planning or even some problem solving is quite easy and helpful.





**Orthodontist:**  
Dr. Megha Parikh  
Surat

## Case 16 Summary

**Patient ID:** 18AKK

**Age:** 33 yrs

**Gender:** Female

**Date of Publication:** October, 2019

**Chief Complaint:** Generalised Spacing in upper and lower anterior teeth.

**Diagnosis:** Class I malocclusion with generalised spacing in upper and lower anterior teeth.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Closure of spaces and correction of proclination while maintaining posterior occlusion.

**Case Type:** Flash 30

Upper arch: 25 subphases

Lower arch: 25 subphases

**Refinement Aligners:** Upper arch: 7 subphases  
Lower arch: 5 subphases

**IPR details:** No IPR required

**Flash Guides:**

Anchorage: 14, 24

Vertical bar: 12, 13, 22, 23, 32, 33, 34, 43, 44

**Retention:** Upper and Lower lingual bonded retainer with Removable Flash retainer.

**Treatment Duration:** 13 months



### Upper Occlusal Intra Oral Images

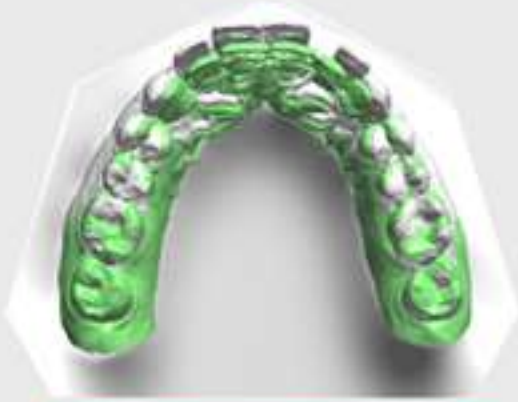


Pre Treatment



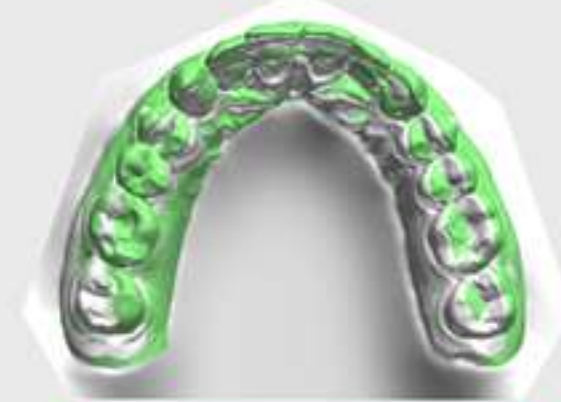
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

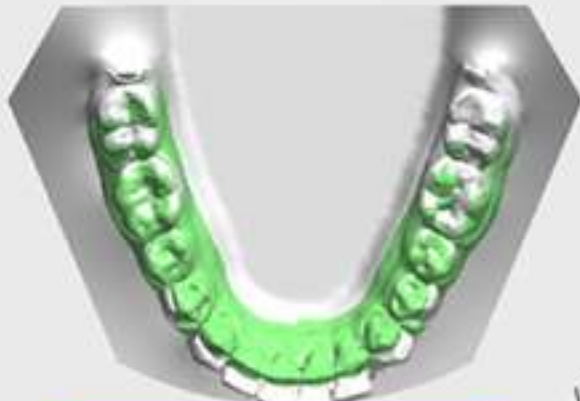


Pre Treatment



Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

### Feedback & Critical Appraisal of the case:

With respect to the case finish, I am pleased to see the results and so was my patient. Even after the final refinement a very minute space and rotation did remain in the upper left lateral incisor which we were not able to correct in spite of refinements. It was corrected by a simple active retainer and it all worked out in the end. We were able to achieve a perfect overjet overbite with closure of all spaces. Minor space remaining after refinement was corrected using active retainers.

### Orthodontist's Flash Experience:

My experience with Flash has been really good. From the initial stage of the scan to treatment planning to the final execution the journey has been really smooth. The case did require another scan and refinement which almost allowed a 90% finishing.





**Orthodontist:**  
Dr. Santosh Bharadwaj  
Pune

## Case 17 Summary

**Patient ID:** 18AGB

**Age:** 24 yrs

**Gender:** Male

**Date of Publication:** November, 2019

**Chief Complaint:** Malaligned and forwardly placed teeth.

**Diagnosis:** Angle's Class I malocclusion with crowding in upper and lower anterior teeth, mild proclination and unilateral crossbite with respect to 12,13 and 43.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Correction of crowding and proclination with arch development and IPR while maintaining space for replacement of 46 with prosthesis.

**Case Type:** Flash 30

Upper arch: 30 subphases

Lower arch: 30 subphases

**Refinement Aligners:** Upper arch: 14 subphases

Lower arch: 14 subphases

**IPR details:** Upper arch: 2.1 mm

Lower arch: 1.4 mm

**Flash Guides:**

Anchorage: 14, 45, 24, 34

Vertical bar: 42, 33, 35

Rotation: 11, 22, 44

Horizontal bar: 16

**Retention:** Upper and Lower Removable Flash retainers.

**Treatment Duration:** 15 months



### Upper Occlusal Intra Oral Images

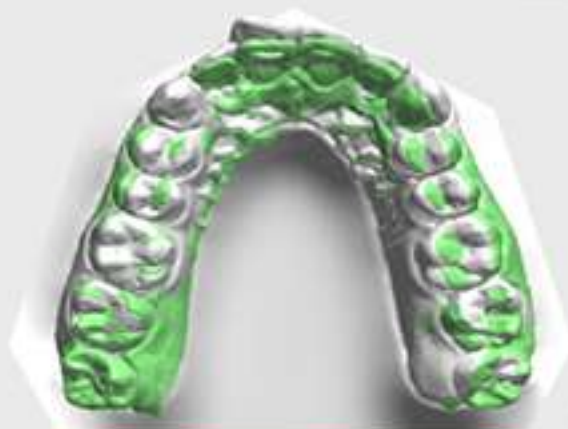


Pre Treatment



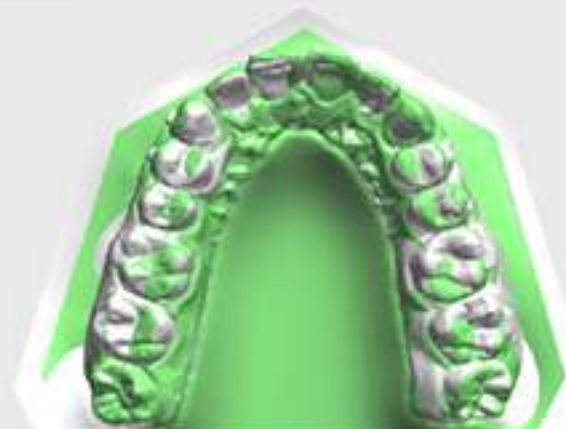
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

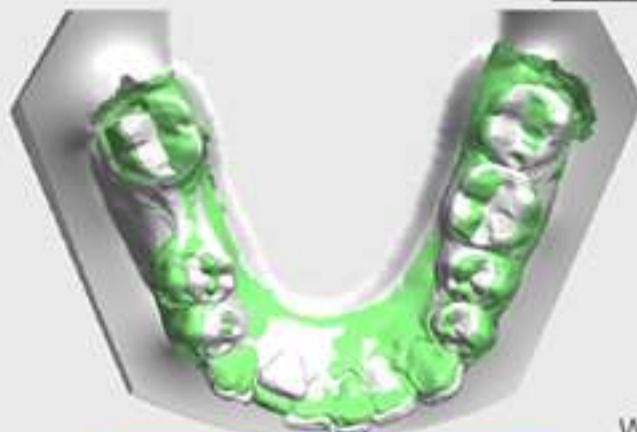


Pre Treatment



Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

#### Feedback & Critical Appraisal of the case:

Patient comes from a reputed business family. His first requirement was invisible braces as he used to meet many clients regularly. He was not satisfied with his smile. After noticing the scan process and his treatment simulation he was easily convinced to go ahead for it. After the completion of his treatment, Akash is happy and satisfied with his new smile. I am very pleased with the treatment outcome and patient's satisfaction. Excited to create more flash smiles. Treatment objectives were achieved.

#### Orthodontist's Flash Experience:

It has been 3 years since I have started practising aligners and like many other Orthodontists I am aware of most of the available national and international brands in clear aligners. While advising aligners to patients, Flash is what I always suggest. Since they have a very qualified and experienced team which understands patient's demands and my treatment goals. They have set very high standards by being very professional and are always available to help us. Flash name fits perfectly on the team as their availability, approach and work is upto the mark. This National brand has been on my priority list when it comes to aligners and waiting for it to become an international brand which they might achieve soon with their teamwork and standards.





**Orthodontist:**  
Dr. Amish Mehta  
Baroda

## Case 18 Summary

**Patient ID:** 18AMF

**Age:** 51 yrs

**Gender:** Female

**Date of Publication:** February, 2020

**Chief Complaint:** Generalised Spacing in upper and lower arch.

**Diagnosis:** Class 1 Malocclusion with Generalised Spacing, Proclination in upper & lower anterior teeth, rotation with lower left 1<sup>st</sup> premolar, lower midline shifted to left by 2 mm and generalised horizontal bone loss.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Closure of spaces, Proclination correction in upper & lower anterior teeth, maximum possible de-rotation with lower left 1<sup>st</sup> premolar, midline correction with ideal overjet and overbite.

**Case Type:** Flash Max  
Upper arch: 39 subphases  
Lower arch: 39 subphases

**Reboot Aligners:** Reboot 1 done after 30<sup>th</sup> sub phase.  
Upper arch: 9 subphases  
Lower arch: 9 subphases

**Refinement Aligners:** Upper arch: 8 subphases  
Lower arch: 8 subphases

**IPR details:** Lower arch: 1.2 mm

#### Flash Guides:

Anchorage: 34

Rotation: 24, 25

Vertical bar: 11, 13, 21, 23, 33, 34, 43, 44

Horizontal bar: 16, 26, 46

**Retention:** Upper and Lower lingual bonded retainer with removable Flash retainer.

**Treatment Duration:** 16 months



Upper Occlusal Intra Oral Images

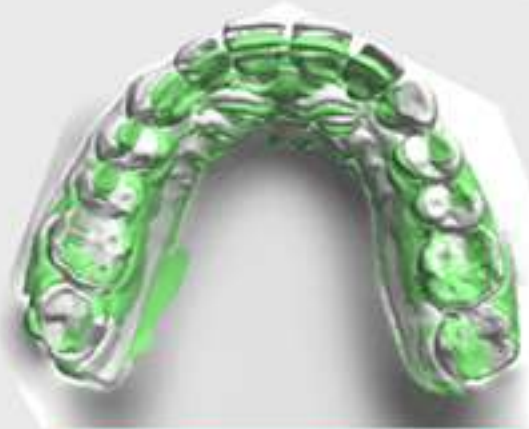


Pre Treatment



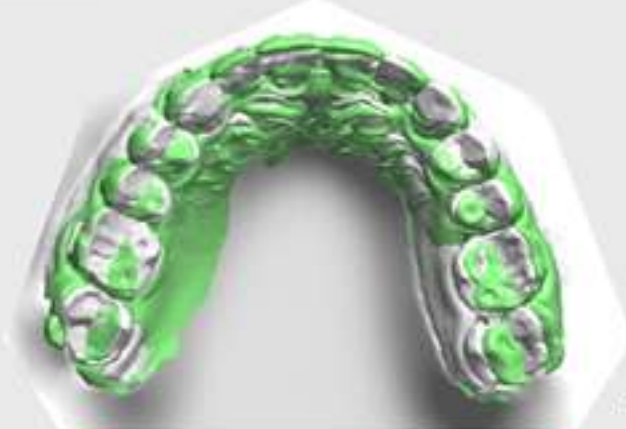
Post Treatment

Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

Lower Occlusal Intra Oral Images

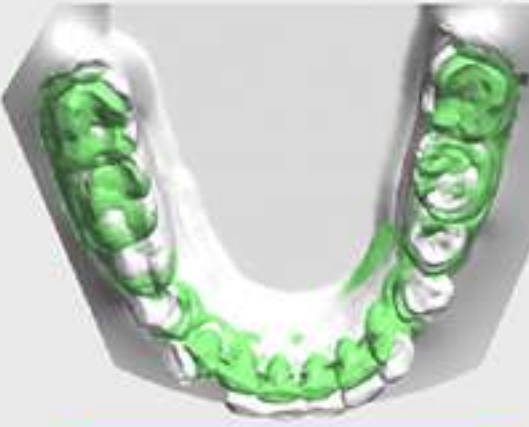


Pre Treatment



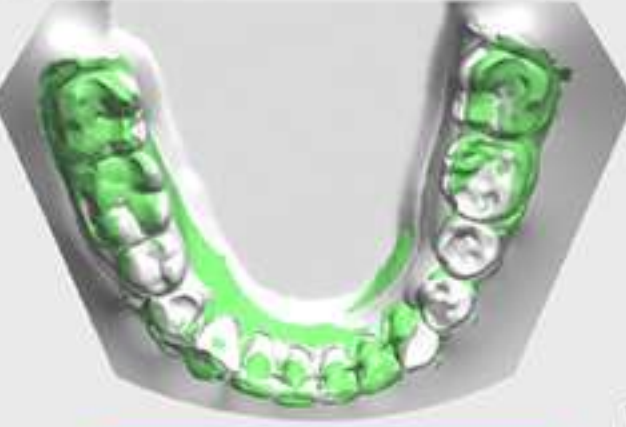
Post Treatment

Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

OPG



Pre Treatment



Post Treatment

Feedback & Critical Appraisal of the case:

Treatment objectives were achieved while maintaining posterior occlusal and improved bone support.





**Orthodontist:**  
Dr. Ritesh Mahashabde  
Mumbai

## Case 19 Summary

**Patient ID:** 18AKB

**Age:** 26 yrs

**Gender:** Female

**Date of Publication:** March, 2020

**Chief Complaint:** Patient complains of crowding of teeth.

**Diagnosis:** Class I malocclusion with crowding in upper & lower anterior teeth with incisor DIV 2 pattern, Midline diastema with retroclined upper incisors, deep anterior overbite, bilateral canine crossbite. .

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Correction of crowding and crossbite with upper & Lower anterior teeth, closure of midline diastema, idealize overjet & improve overbite.

**Case Type:** Flash 30

Upper arch: 30 subphases

Lower arch: 30 subphases

**Refinement Aligners:** Upper arch: 16 subphases

Lower arch: 16 subphases

**IPR details:** Lower arch: 0.6 mm

**Flash Guides:**

Anchorage :14, 45, 25, 34

Tipping: 22, 33, 43

Inclination: 31, 41, 42

Rotation: 12, 13, 32, 44

Vertical Bar: 11, 21, 23

**Retention:** Upper and Lower Removable Flash retainers.

**Treatment Duration:** 15 months



### Upper Occlusal Intra Oral Images

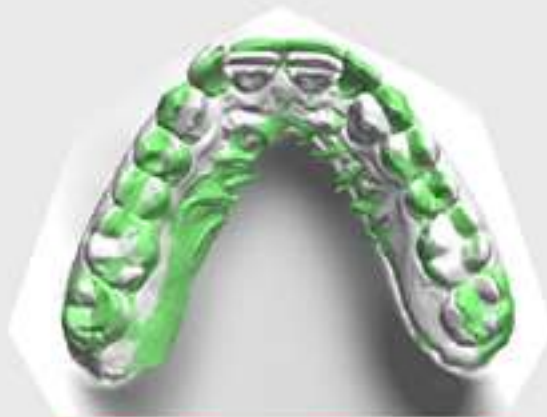


Pre Treatment



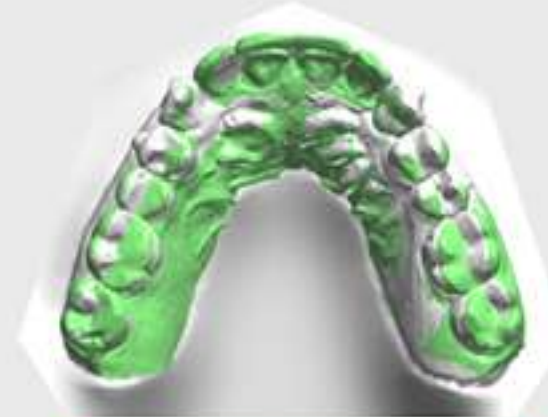
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

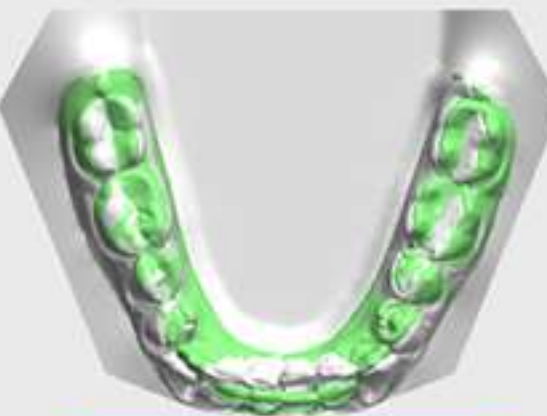


Pre Treatment



Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

### Feedback & Critical Appraisal of the case:

Treatment objectives were achieved with improvement in bite settling and smile.





**Orthodontist:**  
Dr. Bhavisha Shah  
Mumbai

## Case 19 Summary

**Patient ID:** 18ALX

**Age:** 22 yrs

**Gender:** Female

**Date of Publication:** September, 2020

**Chief Complaint:** Upper and lower anterior crowding.

**Diagnosis:** Class I malocclusion with constricted upper & lower arches, moderate lower anterior teeth crowding with lingually placed lateral incisors and mild dental midline shift (lower to right) by 1mm.

### Pre Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

### Post Treatment Intra Oral Images



Right Lateral



Frontal



Left Lateral

**Treatment Plan:** Correction of crowding with upper and lower anteriors, arch development, correct midline and maintain posterior occlusion.

**Case Type:** Flash 20

Upper arch: 20 subphases

Lower arch: 20 subphases

**Refinement Aligners:** Upper arch: 4 subphases

Lower arch: 4 subphases

**IPR details:** Lower arch: 1.8 mm

**Flash Guides:**

Anchorage: 15, 24, 45

Rotation: 32, 44

Vertical bar: 33, 43

Horizontal bar: 12, 22, 36

Inclination: 13, 23

**Retention:** Upper and lower Removable Flash retainers.

**Treatment Duration:** 8.5 months



### Upper Occlusal Intra Oral Images

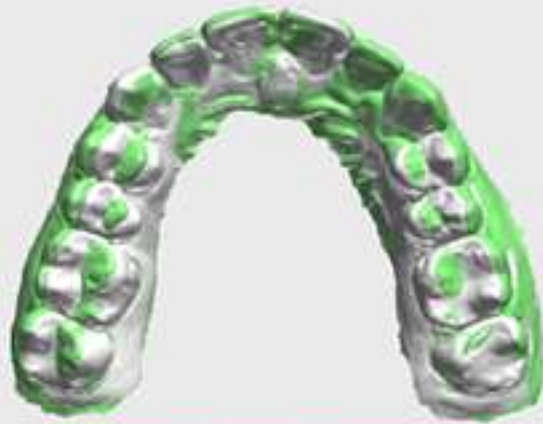


Pre Treatment



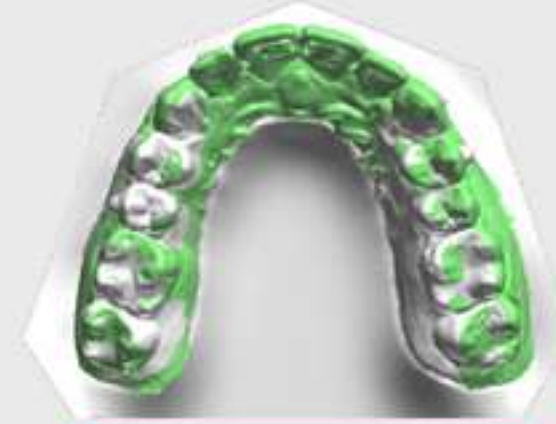
Post Treatment

### Upper Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### Lower Occlusal Intra Oral Images

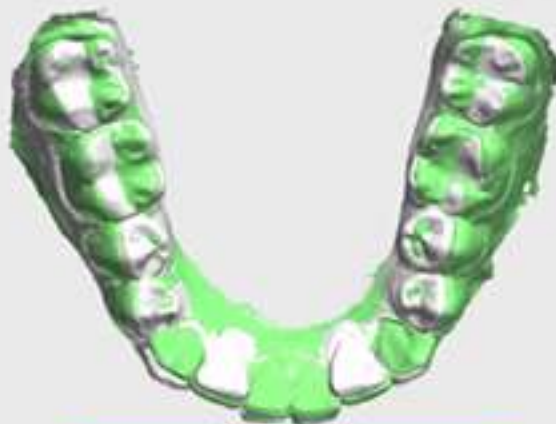


Pre Treatment



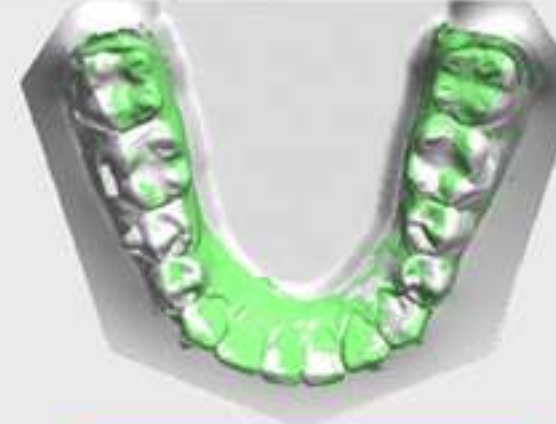
Post Treatment

### Lower Arch Realtime Superimposition



Pre to Post Treatment

White: Pre Treatment  
Green: Post Treatment



Plan to Actual

White: Planned  
Green: Actual

### OPG



Pre Treatment



Post Treatment

#### Feedback & Critical Appraisal of the case:

This case particularly has tracked well throughout the treatment. Patient was also compliant and all the aligners were upto the mark, so thank you so much for the perfection. Treatment objectives were achieved with improvement in smile.

#### Orthodontist's Flash Experience:

My experience with Flash is amazing, always have got assistance immediately. I love their service's and way of working.



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# About US

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