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Orthodontic Clear Effective
Aligner Non-Attachment



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Ocean clear aligners Vs. other clear aligners



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Clarity



No Attachment



Accuracy and efficacy

Ocean aligners has three main properties that other clear aligners lack

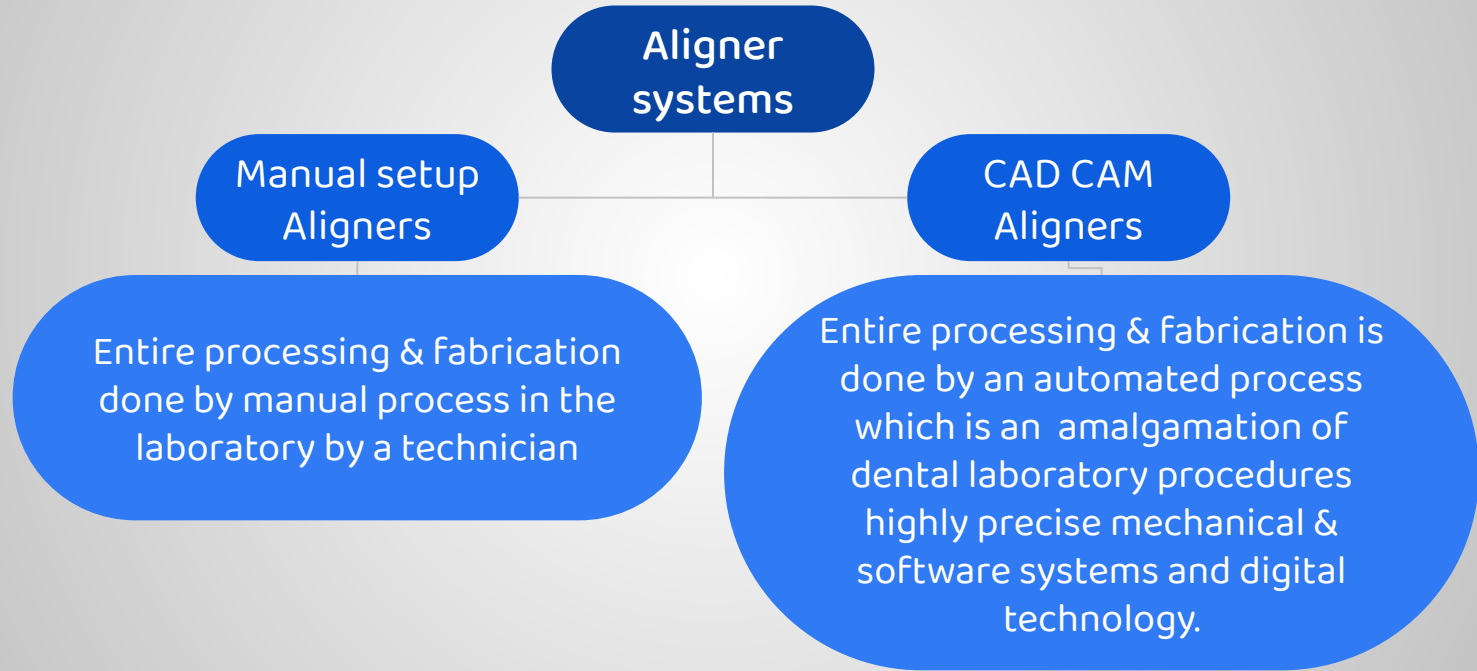


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- CAD/CAM Vs. manual
- Mid course adjustment & refinement
- Delivery door to door
- Clinician involvement in Planning
- Communication

Which Clear Aligner Systems



Aligner systems in use



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MANUAL SETUP
ALIGNERS

CONVENTIONAL
LABORATORY
BIOSTAR
TECHNIQUE

DR KIM'S CLEAR
ALIGNER
INTERNATIONAL

CAD CAM
ALIGNERS

INVISALIGN

DENTO CORRECT

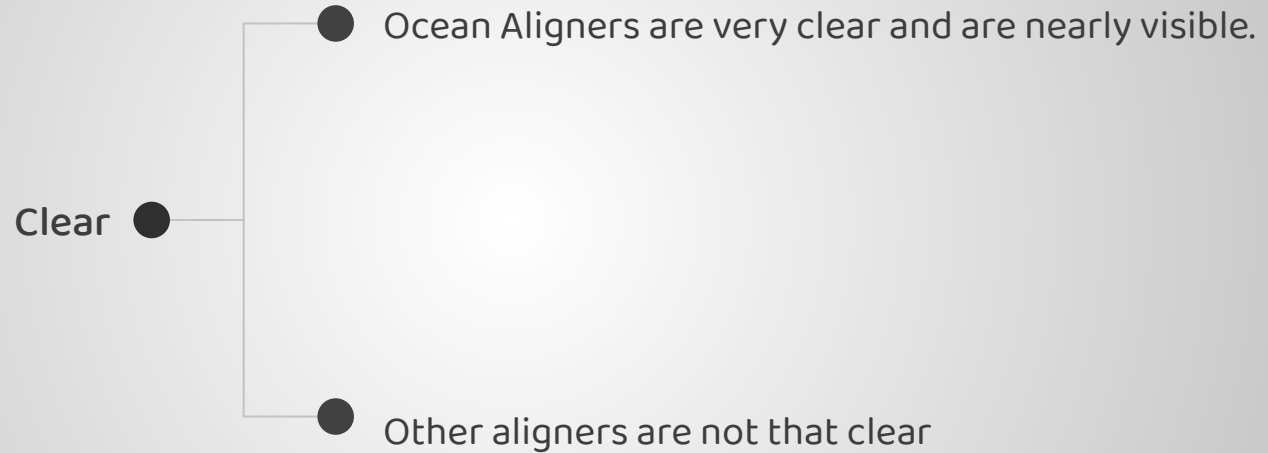
Aligner systems in use, examples

MANUAL / ESSIX ALIGNERS

- Non Predictable
- Suitable only as retainers and not fit for carrying out active tooth movement.
- Multiple impressions required
- More chair side time
- Imprecise inaccurate procedure
- Cannot treat complex malocclusions
- High dependence on technician
- Can not match the clarity finish of CAD/CAM aligners
- Made by ONLY vacuum forming hence thick, inaccurate and not snug fitting

CAD CAM ALIGNERS

- Predictable and can accurately show the results of treatment and exact no of aligners even before the treatment starts
- Only 1 impression required in the beginning
- Only 10 minutes of chair side time required per 6 weeks per patient
- Highly precise, automated sophisticated procedure
- Can treat all varieties of cases, including extraction cases, cross bites, rotations, edge to edge, bi max etc
- Aligner quality, clarity and finish are unmatched
- Made by vacuum forming as well as POSITIVE PRESSURE technique

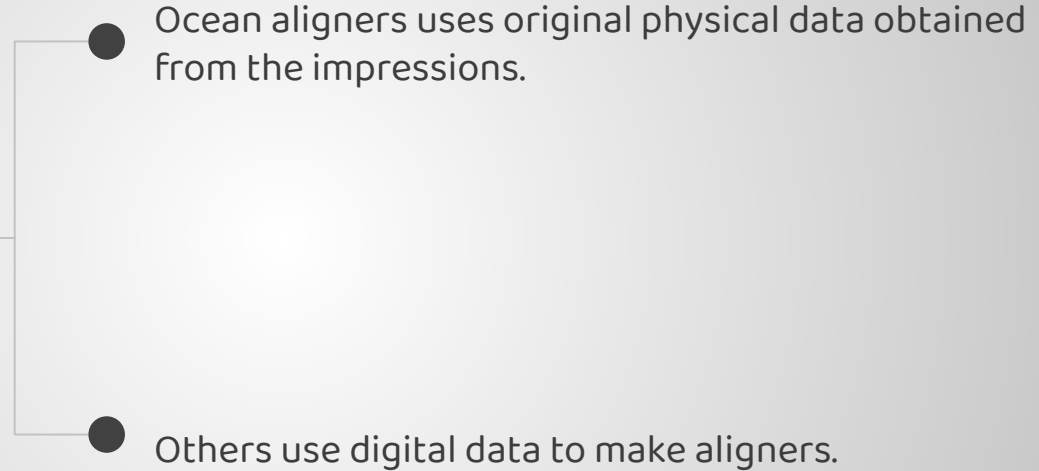




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Original physical data ●



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Actual gum tissue ●

● Ocean aligners uses cast teeth and gum tissues obtained from the impressions to make aligners so they are more custom fit.

● Other aligners use artificial/ digital gum tissues which can not be as accurate as the original gum tissue.

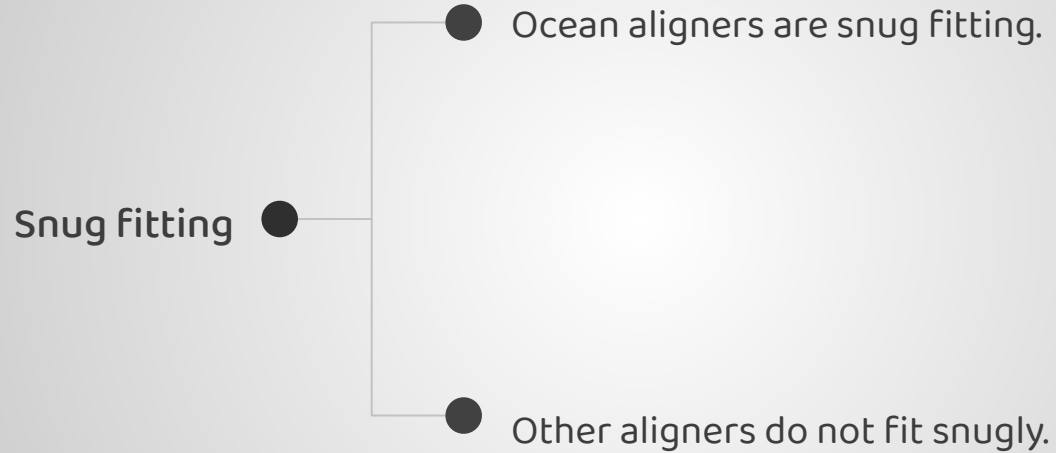
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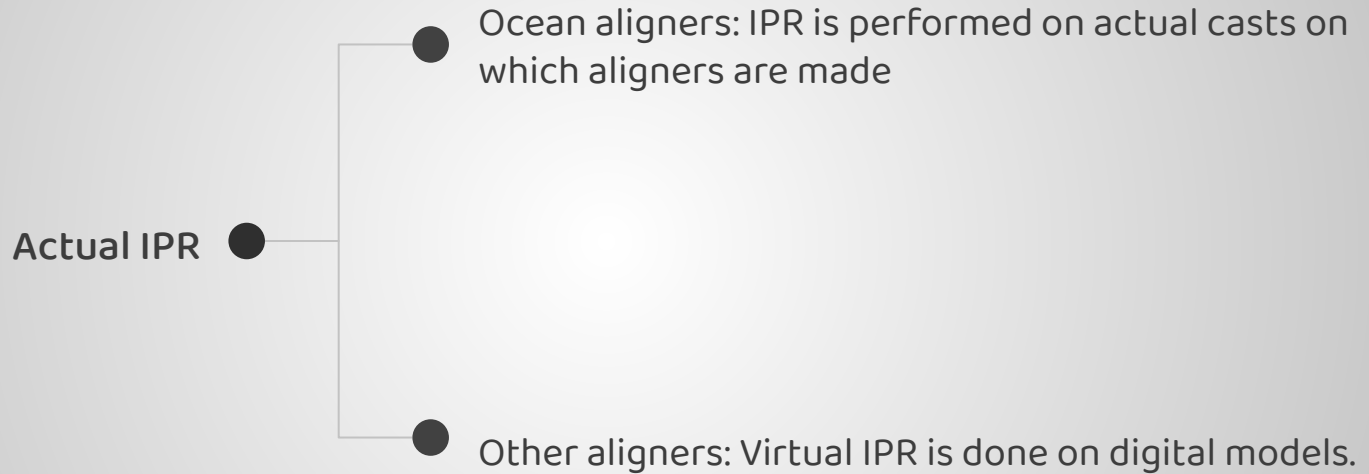
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Smooth and custom fit ●

● Ocean aligners: Each aligner is manually finished which gives smoothness and are custom fit.

● Other aligners: Trim and finish with CNC machines which does not give a smooth finish and custom fit.

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Faster turnaround time ●

● Faster at Ocean aligners.

● Longer with other companies.

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Type of tooth
movement at any
particular stage

● Ocean aligners: Only one type of movement is given to a tooth in any particular aligner by which results are more realistic.

● Other aligners: More than one movement is given to a tooth in any particular aligner.

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**More control over
treatment**

● Ocean aligners: If you choose 5 aligners treatment, then you can always change the course of treatment.

● Other aligners: You don't have full control over the treatment as whole batch of aligners are shipped altogether.

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Aligner material ●

● Ocean aligners: Raintree essix material is used.

● Other aligners: Some use customized material to manufacture their aligners

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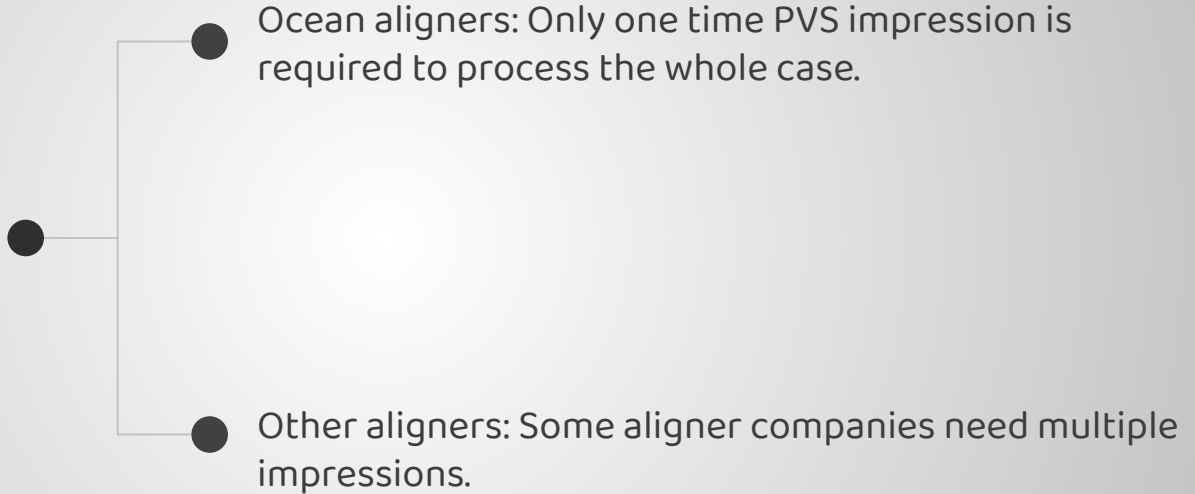
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Only one time PVS
impression



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Doctors are aware of
the type of movement

● Ocean aligners: With the help of movement record.

● Other aligners: Movement given at other companies is not specific so doctors are not aware of the type of movement.

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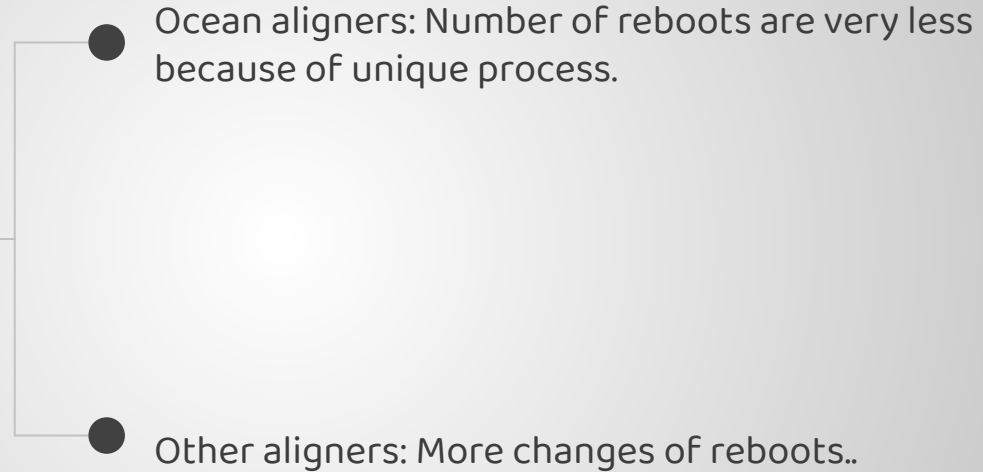
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Reboots ●



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PATIENT NAME: Sara DOCTOR NAME:

STG #	UPPER RIGHT								UPPER LEFT							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1																
2							BT P	BT P								
3								BT R	BT P	BT P						
4								BT P	BT R	BT P	MR O					
5								BT R	BT P	BT R	MR O					
6						BTP	BT P	BT R			BT P					
7								DR O	BT R	BT P	MR O					
8								BT P	DR O	BT P		MR O				
9								BT R	DR O				LTP	BT P		
10								BT R	BT P	DR O				BT P		
11									BT P	BT R					LTR	
12									BT P	BT P				LTP		
13				DT P	MR O				BT P	BTR						
14									BT P					DT P	DTP	

14									BTP	BT R					DT P	DTP			
15										BT P	MT P	DT P	DT P	DT P					
16										BTR	BT P	MT R	DT P						
17											BT R	MT P	DR O	DT P					
18											BT P	MT P	DT P	BT P	BT P				
19												DR O			BT P				
20											LTPBTP	DR O							
21											DT O	MR O	DT O						
22												MR O	LTP						
												BT P	INT						

Movement record form



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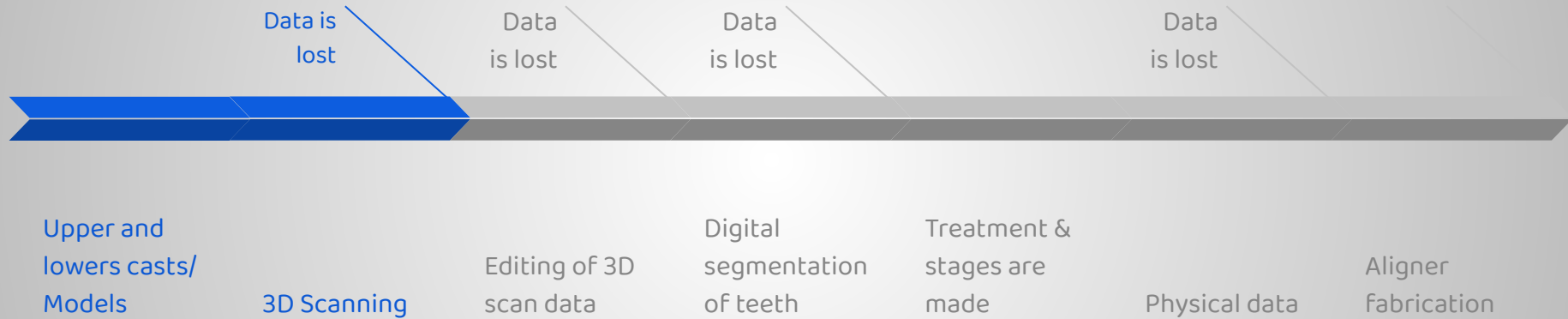
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Why Ocean clear aligners Don't require attachments?

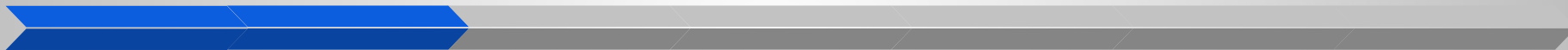


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Other's Process



Upper and
lowers casts/
Models

3D Scanning

Editing of 3D
scan data

Digital
segmentation
of teeth

Treatment &
stages are
made

Physical data

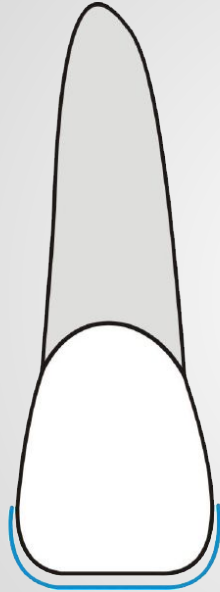
Aligner
fabrication

Ocean's Process

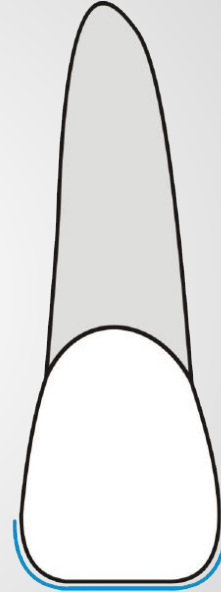


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A
Other Aligners



B
Ocean Aligners



Hence the snug fit



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1. Clear, hence invisible.
2. Comfortable.
3. No risk of any emergency, cuts or sores.
4. Less number of visits required.
5. Highly precise tooth movements based on digital technology and scientific process.
6. Predictable results visualization even before treatment starts.

Benefits of Ocean aligners

1. An appointment is required for impression making
2. Aligners take ~4 weeks to process after impression
3. Treatment comprises of a series of aligners containing 7-25 sets and approximate treatment duration is 6-24 months depending on complexity of the case.
4. Each set (i.e. upper + lower aligner) has to be worn for 2 weeks.
5. Aligners should be worn all throughout the day and removed only during eating & brushing.



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Thank you.

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