



Quick Reference Guide



SunClear Aligners are an orthodontic treatment utilizing a sequence of transparent, removable aligners to treat the malocclusion. These aligners are more comfortable, aesthetically pleasing, and affordable than traditional braces.

Dedicated lab simulation software is used to simulate the orthodontic treatment and calculate the number of aligners necessary. The SunClear browser-based program serves as a 3D communication tool that helps the treating clinician to facilitate an effective and efficient discussion with the patient concerning treatment planning.

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Case Selection

The following information can be used to quickly reference case selection parameters based on predictability of results, malocclusion/movement type, and our recommendations for orthodontic referral.

- **High** predictability indicates an ideal case for a general dentist who has just started working with clear aligner treatment.
- **Moderate** predictability indicates a case more suitable for a general dentist who is experienced with clear aligner treatment.
- **Low** predictability indicates that the case severity requires referral to an orthodontist.

Note: These graphics represent general parameters and each case can vary.

Case Parameters per Malocclusion Type



Crowding Per Arch



Pre-Aligner Options to Treat Less Predictable Crowding Cases

Pre- Aligner Strategy	Impact on Subsequent Aligner Sequence Length
Removable Pre- aligner	10-20% less aligners than with clear aligner therapy only
Fixed Pre- Aligner	20-30% less aligners than with clear aligner therapy only



Spacing Per Arch



Pre-Aligner Option to Treat Less Predictable Spacing Cases

Pre- Aligner Strategy	Impact on Subsequent Aligner Sequence Length
Temporary Anchorage Device (TAD)	20-30% less aligners than with clear aligner therapy only



Overjet Total for Both Arches



Pre-Aligner Option to Treat Less Predictable Overjet Cases

Pre- Aligner Strategy	Impact on Subsequent Aligner Sequence Length
Pre-Aligners or TADs	20-30% less aligners than with clear aligner therapy only



Overbite Total for Both Arches



Pre-Aligner Option to Treat Less Predictable Overbite Cases

Pre- Aligner Strategy	Impact on Subsequent Aligner Sequence Length
Pre-Aligners or TADs	20-30% less aligners than with clear aligner therapy only



Midline Misalignment Total for Both Arches



Pre-Aligner Options to Treat Less Predictable Midline Misalignment Cases

Pre- Aligner Strategy	Impact on Subsequent Aligner Sequence Length
Pre-Aligners	20-30% less aligners than with clear aligner therapy only
TADs	20-40% less aligners than with clear aligner therapy only



Open Bite Total for Both Arches

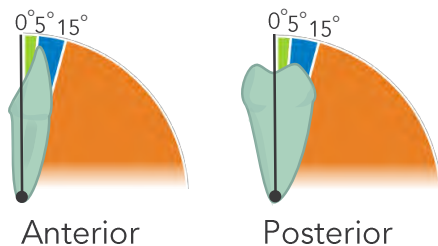


Pre-Aligner Option to Treat Less Predictable Midline Misalignment Cases

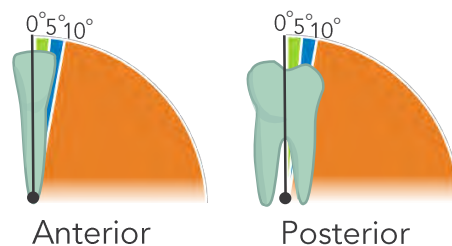
Pre- Aligner Strategy	Impact on Subsequent Aligner Sequence Length
Pre-Aligners or TADs	20-30% less aligners than with clear aligner therapy only

Case Parameters per Movement Type

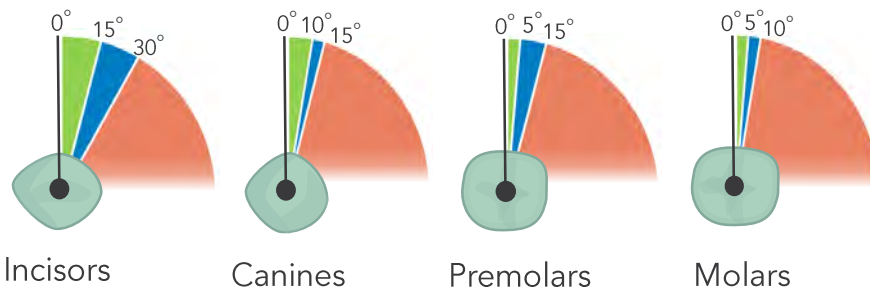
Facial- Lingual Tipping Degrees



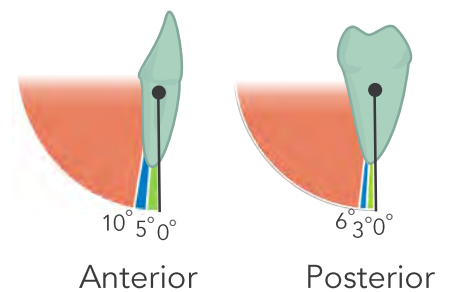
Mesial- Distal Tipping Degrees



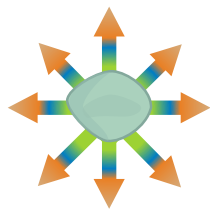
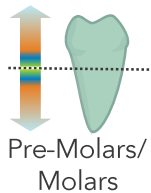
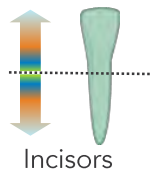
Rotation Degrees



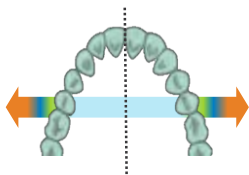
Torquing Degrees



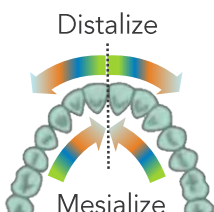
Intrusion/Extrusion Per Direction



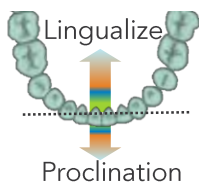
Translation Anterior/ Posterior Per Direction



Expansion Per Direction



Distalize/ Mesialize Per Direction



Lingualize/ Proclination Per Direction



Indications for Orthodontic Referral

	General Practitioner	Orthodontist
Treatment Time	3-24 months	More than 24 months
Maturity	Skeletally mature patients with permanent dentition	Child/adolescent patients with active tooth eruption or deciduous teeth
Overbite	≤3.0 mm total for both arches	>3.0 mm total, Requires intrusion of anterior teeth
Open Bite	≤2.0 mm total for both arches	>2.0 mm total for both arches
Rotations	Anterior teeth	Round teeth (e.g. lower second pre-molars)
Diastema	≤6.0 mm closure	>6.0 mm closure
Spacing	≤6.0 mm per arch	>6.0 mm per arch
Crowding	≤4.0 mm per arch	>4.0 mm per arch
Class	I or II Malocclusion	III Malocclusion

Contraindications for Clear Aligner Use

- Active periodontal disease
- Arches with multiple missing teeth
- Centric-relation and centric-occlusion discrepancies
- Teeth with short clinical crowns
- Patients with severe bruxism
- Deciduous teeth

Case Materials & Equipment

Case Materials

Photo, Impression, IPR, and Attachment Materials

Photos

VENDOR	ITEM NUMBER	DESCRIPTION
Varies	Varies	Digital Camera
Varies	Varies	Set of 3 Autoclavable Retractors (S, M, L)
Henry Schein	261-0264	Photo mirror for occlusal and buccal photos

Impressions

VENDOR	ITEM NUMBER	DESCRIPTION
Varies	Varies	Mouth rinse
Henry Schein	222-5854	Aquasil Easy Mix Putty Kit
Henry Schein	102-7196	PVS Light Body
Henry Schein	112-6863	Yellow mixing tips
Henry Schein	112-6775	Dispensing Gun
Henry Schein/3M	378-8740	Large Lower Impression Trays, 10/pack
Henry Schein/3M	378-0346	Medium Lower Impression Trays, 10/pack
Henry Schein/3M	378-5653	Small Lower Impression Trays, 10/pack
Henry Schein/3M	378-1307	Large Upper Impression Trays, 10/pack
Henry Schein/3M	378-5064	Medium Upper Impression Trays, 10/pack
Henry Schein/3M	378-5482	Small Upper Impression Trays, 10/pack
Henry Schein	102-3597	Blu-bite bite registration material
Henry Schein	112-6862	Green mixing tips

InterProximal Reduction (IPR)

VENDOR	ITEM NUMBER	DESCRIPTION
Henry Schein	535-0005	Interdental gages .01/.02/.025/.03/.04/.05 SS
Henry Schein	112-9259	Wood wedges assorted sizes
Brasseler	5021902U0	IPR Diamond Bur

Placing Attachments

VENDOR	ITEM NUMBER	DESCRIPTION
Henry Schein	101-5396	Etching Gel, 40% Phosphoric Syringe Kit
Henry Schein	900-1364	Etching Syringe Tips
Henry Schein	378-3046	Adper Prompt L-Pop Adhesive
Varies	Composite Shade Guide	Composite Shade Guide
Varies	Composite Bonding Material	Composite Bonding Material, non-flowable (e.g. Filtek)
Varies	Varies	Curing Light

Removing Attachments

VENDOR	ITEM NUMBER	DESCRIPTION
Varies	Same as above	Set of 3 Autoclavable Retractors (S, M, L)
Henry Schein	295-2845	Roto-Pro Rotosonic Scaler Friction Bur, 6/bx
Henry Schein	195-1229	Shofu attachment removal kit

Case Equipment

Scanner, Software, and Hardware

SunClear accepts high quality digital models in STL format acquired directly, through intra-oral scanners, or indirectly, via dental impression/models' scanners. While additional scanners may also be compatible, the list of scanners with confirmed compatibility is shown below.

Recommended Scanners

Name	Type	Maker	SunClear Bridge*
iTero®	Intra- oral	Align Technologies	Yes, My Aligntech
Trios®	Intra- oral	3Shape	Yes, Trios Connect
CEREC®	Intra- oral	Sirona Dentsply	No, currently in discussion
Tru-definition®	Intra- oral	3M	No
CS3600®	Intra- oral	Carestream	Yes, CSCconnect
R700/800	Desktop	3Shape	Yes, Trios Connect
E4D®	Intra- oral	Planmeca	No

* Some scanners offer a direct connectivity, or bridge, with SunClear. This allows files to be sent directly from the scanner, instead of being manually uploaded.

Software Packages and Features

SunClear offers two independent and free software packages: a stand-alone program and a cloud-based, Google Chrome version. Both versions can be used interdependently. Please see chart below for more details.

	Stand-Alone Software	Cloud-Based Software
Installation	Required	Not Required (included in My SunClear)
Min. Hardware Specs	Yes	Not Required
Periodical Update	Required	Not Required
Viewing Functions	Yes	Yes
Editing Functions	Yes	No
Diagnostic Module	Yes	No
Mobile Platform	No	Yes
User Experience Level	Advanced Users	Most Users



The software includes two SunClear Aligners sample cases that can be found in the **Demo cases** section.

Want to Checkout the Program? If you don't have a SunClear account yet but want to explore the program, please use "demo@SunClear-ortho.com" as a login ID and "demo" as the password.

Installing the Stand-Alone Software

Please go to **sunclear_ortho.com** and login using your personal SunClear login ID and password. Online access is necessary to complete the initial login but later the program can work both in online and offline modes.

Firewall Issues?

If you encounter issues with Firewall software, check and ensure all of the following:

- (1) Port 20124 is open
- (2) Protocol is set on TCP
- (3) In/Out Traffic is allowed

Hardware Requirements

The use of the SunClear program requires a dedicated video card with DirectX 11 and Pixel Shader 3.0 support.

Compatibility: Although it was designed as a native Windows program, the SunClear software was tested successfully on Mac Pro with ATI Radeon HD 4256 graphic card, Parallels (latest version), and Windows 7. The graphic card must support Direct X11 and Shader 4.1 or above.

Case Submission

Pre-Submission Requirements

Prior to submitting a case for SunClear Aligners, the patients must complete periodontal exam, cavity clearance, oral cancer screening, panorex, and a clear aligner consent form. Providers treating the patient must have a SunClear portal account and perform a case evaluation for the patient.

Case Submission Process



Patient Photos

- | | | |
|--------------------|-----------------------------|-------------------|
| 1. Frontal Repose | 4. Anterior, Frontal | 7. Occlusal Upper |
| 2. Frontal Smiling | 5. Buccal Right w/Retractor | 8. Occlusal Lower |
| 3. Right Profile | 6. Buccal Left w/Retractor | |

Photos can be submitted individually or as a single, composite image as shown below.

Composite Image Example



Submission Checklist

Case Submission Checklist Example

It is recommended that a case submission form be utilized when initiating a new case. This will ensure all necessary components for submitting the case are collected at the patient appointment and support patient charting. Once completed, it should be reviewed and signed by the provider. Use the information collected on the form when setting-up the patient's account then store the form in their chart.

Patient Information

First Name: _____ **Middle Name:** _____ **Last Name:** _____
Office ID: _____ **Date of Birth:** _____ **Sex:** Male or Female
Patient Phone Number: _____ **Patient Email:** _____
Patient Address: _____
Street City State Zip

Case Information

Case Type (circle one): **Express** or **Full**

Chief Complaint: _____

Treatment information

Treatment plan text: _____

Final Class Desired (circle all that apply):

Molar Relationship: **R** I II III **L** I II III
Canine (Cuspid) Relationship: **R** I II III **L** I II III
Final Overjet Required: _____ mm
Final Overbite Required: _____ mm

Extractions (in orthodontic numbering system):

Upper: 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8
Lower: 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8

Tooth eruption, bridge or implant (Indicate width of implant/prosthesis space in mm):

Upper: 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8
Lower: 8 7 6 5 4 3 2 1 1 2 3 4 5 6 7 8

Passive / Active Aligners

☐ Passive – number of upper and lower aligners always the same ☐ Active – number of upper and lower aligners may be different

Diagnostic Records

All necessary records must be uploaded to provide a high-quality and realistic aligner plan. It is optional but highly recommended to upload additional facial/intra-oral images and a cephalometric x-ray image.

Photos

- ☐ 1 Facial and 3 Intra-Oral
or
☐ 1 Composite Image

X-ray

- ☐ 1 Panoramic X-ray

Impressions

- ☐ 1 3-D Model in STL format
or
☐ 1 Set of PVS Impressions
☐ 1 Bite Registration

Digital Impressions

Submission Requirements and Quality Standards

Required File Specifics

- ✓ **STL format only**
- ✓ Each arch saved as a separate STL file
- ✓ File naming convention indicates arch
- ✓ The file size will typically be between 3 Mb and 15 Mb in size
- ✓ Each arch file should contain between 100,000 and 300,000 triangles

Scan Type

Using iTero®

- Select "Vivera" or "Invisalign"
- Select "iRecord" if the above options are not enabled (Note: "iCast" scans not accepted)

Using 3Shape Trios®

- Select "_orig_trios_export.stl" high resolution option

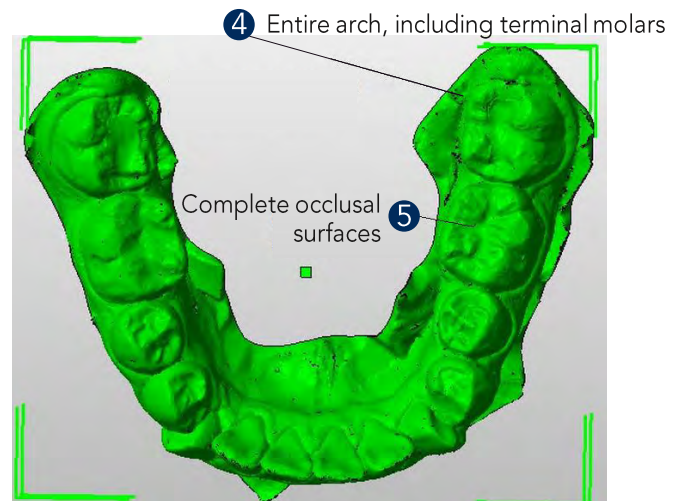
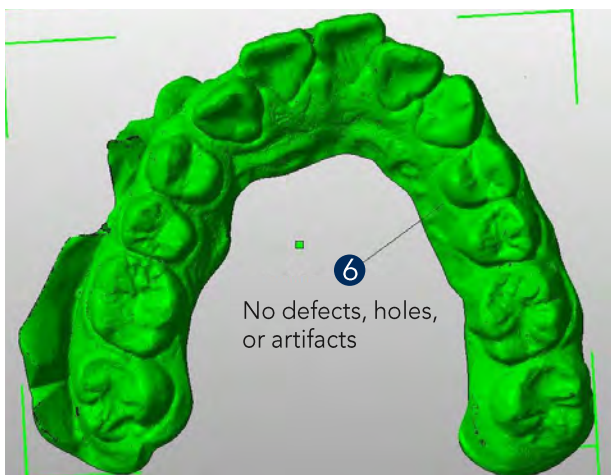
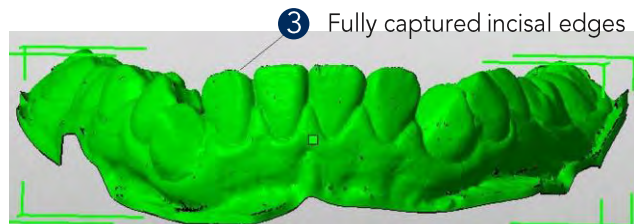
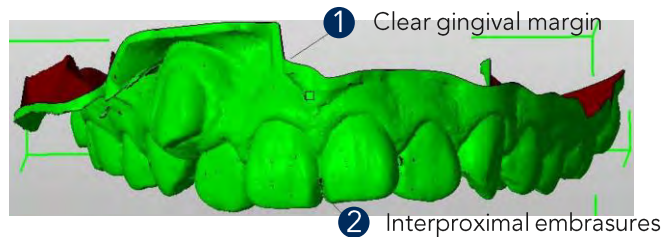
Using other intra-oral scanners

- Search for our email: cadcam@sundentallabs
- For further assistance, contact Sun Dental

High Quality Model Standards

High quality dental scans or impressions are critical for aligner case plan development. 3-D models submitted to Sun Dental must meet the following standards for optimal production time and treatment results.

- Both arches should be scanned and positioned in occlusion*
- Each scan should include:
 - 1 Clear gingival margin with 3-5mm of lingual and buccal gingivae
 - 2 Interproximal embrasures, IPR, and natural interproximal spaces
 - 3 All incisal edges and marginal ridges
 - 4 Entire arch including terminal molars
 - 5 Complete occlusal surfaces (no holes)
 - 6 Free of defects, holes, artifacts, bumps, or tunnels
 - 7 Left and right bite scans covering at least 3-5 teeth to ensure proper occlusion

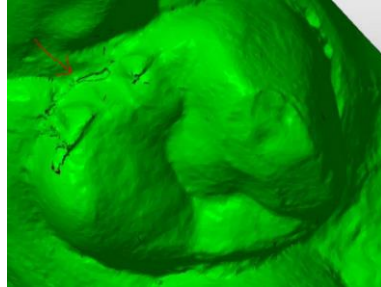
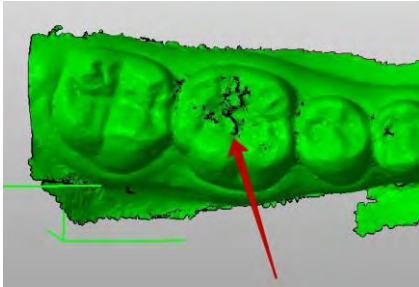


*Even for single arch treatment, both arches should be captured.

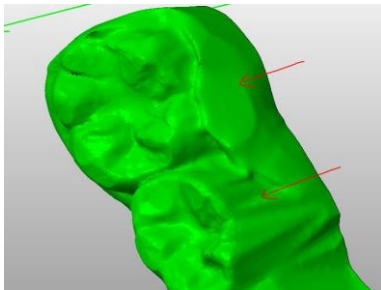
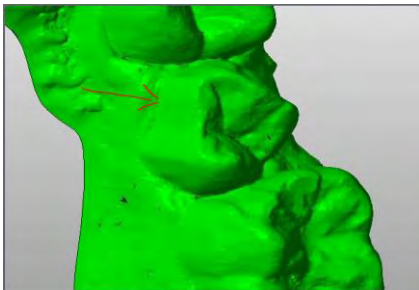
Common Scan Errors

Check the 3-D models to ensure that there are no scan errors, all teeth have correct surfaces, and there are no large voids. See examples of common scan errors below.

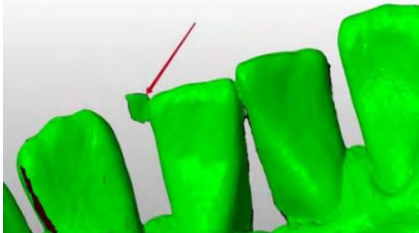
Incorrect Surface(s)



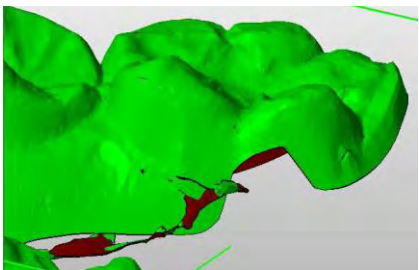
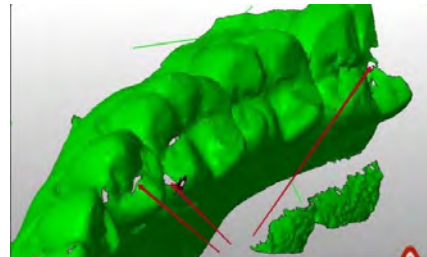
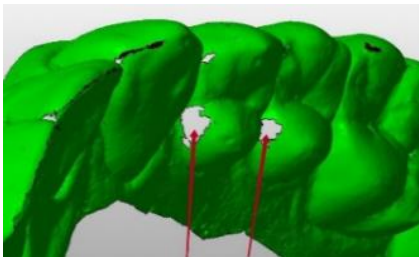
Scanning was done too quickly and the iTero® software could not assemble the surfaces correctly.



Incomplete lingual scans cause the iTero® software to create incorrect surfaces.



Missing Surface(s)



An incomplete scan of the lingual area results in missing surfaces.

PVS Impressions

1-Step Impressions and Quality Standards

High quality PVS impressions may be submitted in the absence of models acquired directly by an intra-oral scanner. These impressions would then shipped to SunDental Labs instead of uploading the scans to the SunClear Portal. Once there, they would be scanned and used to generate 3-D models.

Recommended 1-Step Impression Technique

Technique Tip: Utilize an assistant to ensure seating within 1 minute and 10 seconds from starting step 2.



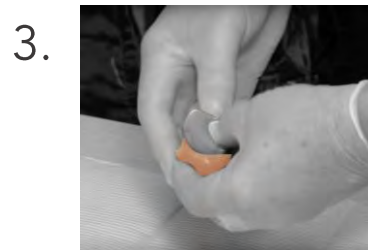
Prep Patient

Spray and dry occlusal surfaces.



Prep Wash Material

Load cartridge into gun, bleed cartridge, attach mixing tip, then attach intra-oral tip.



Mix Putty

Measure equal amounts of base and catalyst then mix together until uniform in color.



Load Tray

Roll into a cylindrical shape then press into tray and create a trough.



Apply Light Wash (A and B)

- A. Place wash gun tip against putty and release material into tray. Keep tip in wash to prevent bubbles.
- B. Apply light wash directly to distal buccal 2nd molar, cervical, and occlusal surfaces just before seating impression tray.



Insert Tray

Position tray in patient's mouth then stabilize and hold the position for 3 minutes.*



Remove and Disinfect

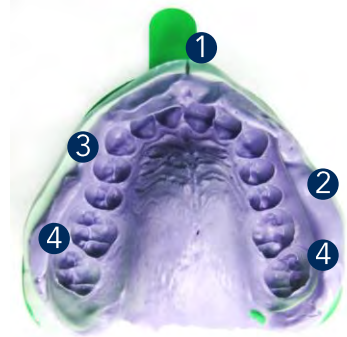
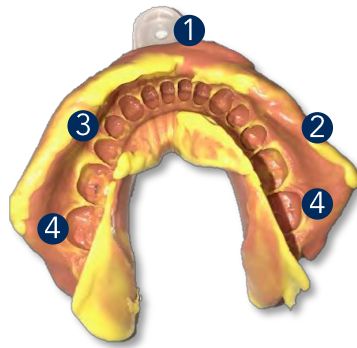
Carefully remove the impression. Then rinse thoroughly and disinfect it.

* Refer to the manufacturer's instructions if using different impression materials.

High Quality Impression Standards

Please verify the accuracy and precision of impressions prior to submittal to SunDental Labs. Check for the following impression standards:

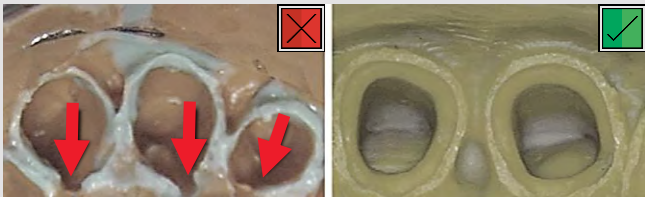
- 1 Correct size and positioning of tray
- 2 Tray sufficiently filled with impression material; PVS extends over edge of the tray
- 3 Detailed margins; no tears, voids, or pulls
- 4 Full capturing of molars
- 5 No tooth contact with tray



Common Impression Errors

It is important to identify and correct any potential complications that could affect the quality of the impressions. See some of the most common errors to avoid below.

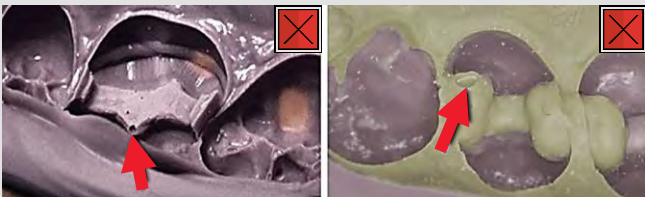
Inadequate Margin Detail



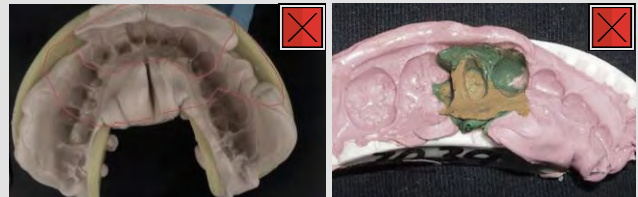
Surface Contamination



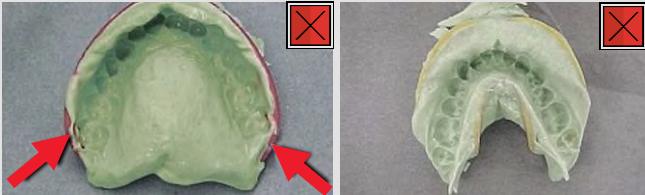
Internal Bubbles



Insufficient Amount of Material



Incorrect Tray Size or Positioning



Marginal Tears



Drags and Pulls



Patient Account

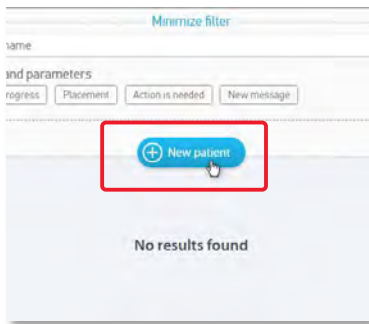


SunClear Portal Tasks

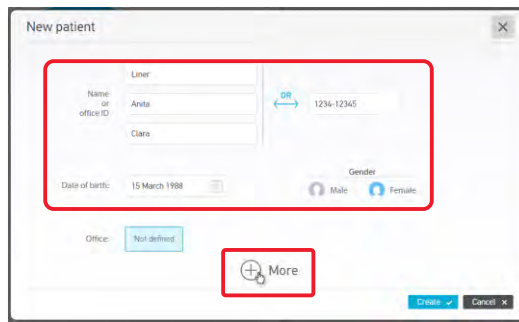
- Add A New Patient
- Submit New Order

Add a New Patient

1. Click the blue **+ New Patient** button on the left side of your home screen.

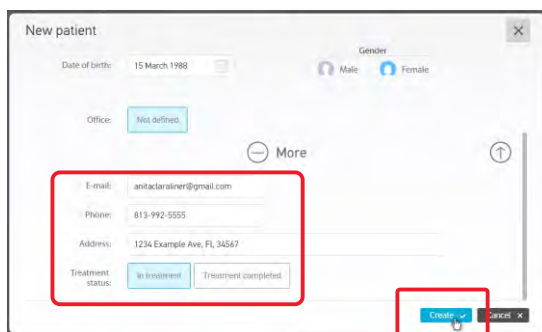


2. Enter **ALL** of the following information into the fields of the **New Patient** pop-up window then click the **+ More** button.
NOTE: The window says "OR" but completing each field is recommended.



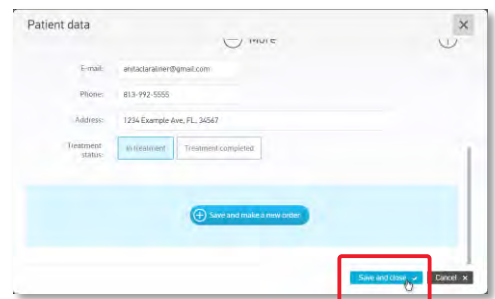
- **Name or office ID:** First Name, Last Name, and Middle Initial
- **Office ID:** Office ID#
- **Date of birth:** DD Month YYYY
- **Gender:** Male or Female

3. Enter the patient information into the final three entry fields as follows then click the **Create** button.



- **Email:** Patient's email
- **Phone:** Patient's phone number
- **Address:** Patient's address

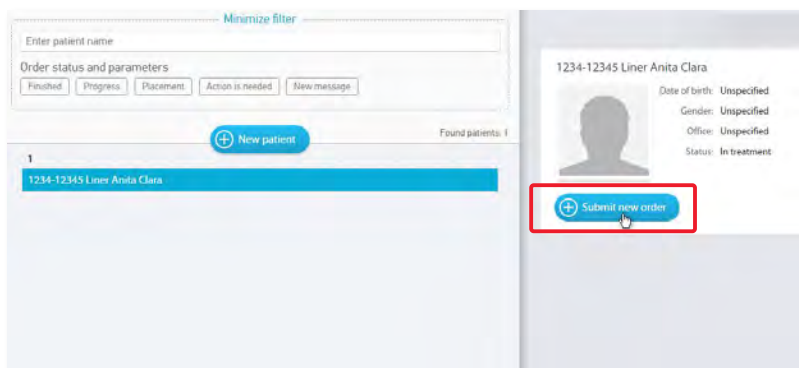
4. Click the **Save and close** button once completed.



Or, alternatively, click the **Save and Make a New Order** button to skip step 1 below.

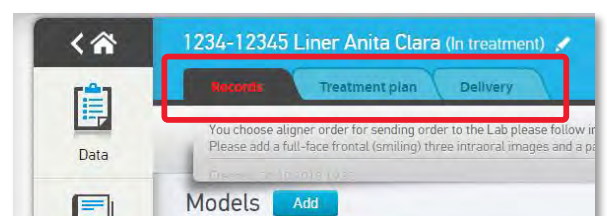
Submit New Order

1. **Locate and select the patient** from the home page listing then click the blue **+ Submit new order** button.

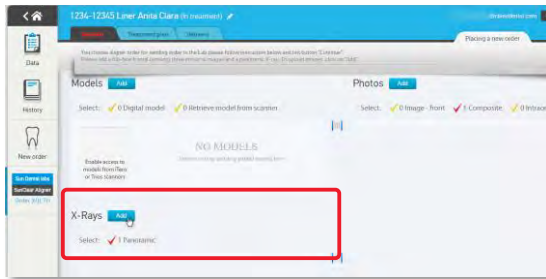


This will take you to the next screen to complete the 3 main steps in submitting a case. The steps are displayed as tabs in the top left of the page for patient:

- **Records**
- **Treatment Plan**
- **Delivery**



2. Upload X-Rays: Click the **Add** button in **X-Rays** section.



a. Select panorex image or click and drag into the popup box.

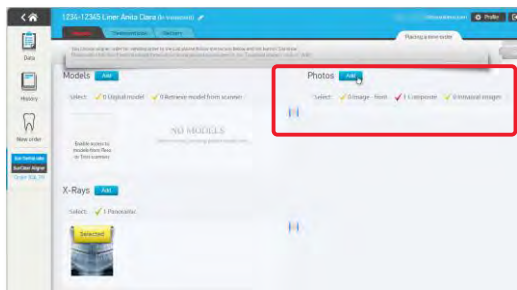


b. Adjust image if needed then click the **Upload** button.



3. Upload Photos: Click the **Add** button in **Photos** section.

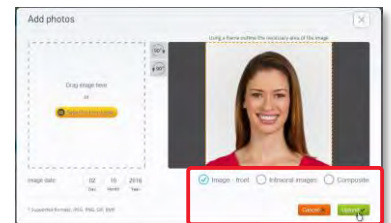
You have 2 options for uploading photos: 1 composite image, or, a minimum of 2 facial and 5 intraoral photos including occlusal upper and lower, buccal left and right, and anterior, frontal.



a. Select a photo or click and drag into the popup box.

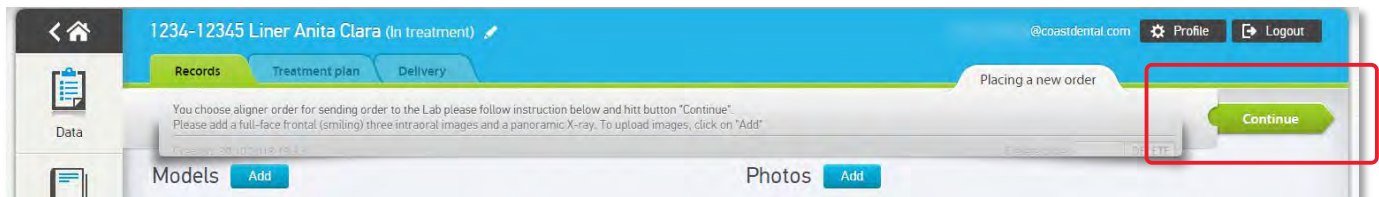


b. Select the photo type then click the **Upload** button.

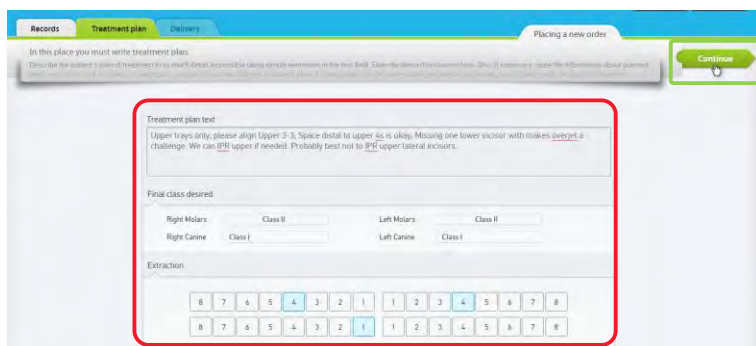


Once you have completed uploading the required images, the **Records** tab will turn green.

4. Click the green **Continue** arrow on the upper right of the page to continue to Treatment Plan.



5. Enter the case information* collected on the Submission Checklist (pg. 9) into the Treatment Plan page then click the **Continue** arrow.



Treatment Plan info **MUST** include:

- Malocclusion class per area
- Amount of desired movement (mm)
- Any extractions
- Any eruptions, bridges, or implants
- Desire for active or passive aligners
- Any pre-existing crowns or other relevant dental work

* Please be as detailed as possible

6. Enter the provider name into the **Comments** field under **Impressions delivery**.

7. Enter the office address or select it from the dropdown box for **Where to deliver** under **Shipping**. Then select the first aligner appointment date from the **Bonding date** dropdowns.

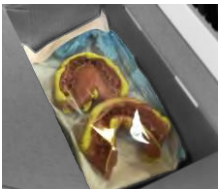
8. Click the **Send to Sun Dental labs** arrow to submit case.

9. Print the final **Delivery** page by pressing the **CTRL-P** keys then click **Print**. This is your Portal Printout.

Ship Records

- Patient Impressions
- Patient Bite Registration
- Portal Printout

Prep Shipment

1.  **Impressions & Bite Reg.**
Spray upper and lower impressions with CaviCide and put into a sterilization bag.

2.  **Pack Box**
Place bag with impressions and bite registration into box. Then place the Portal Printout on top and seal box.

Ship to Sun Dental Lab

Send the patient's impressions, bite registration, and the Portal Printout (final **Delivery** page) to Sun Dental Lab located at the address below.



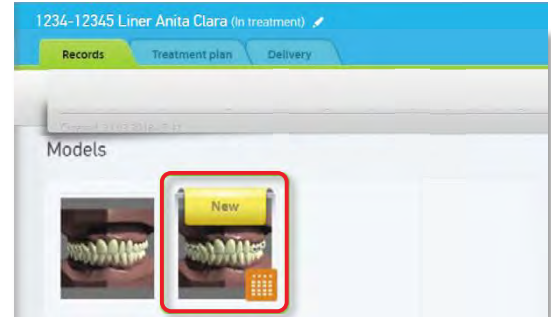
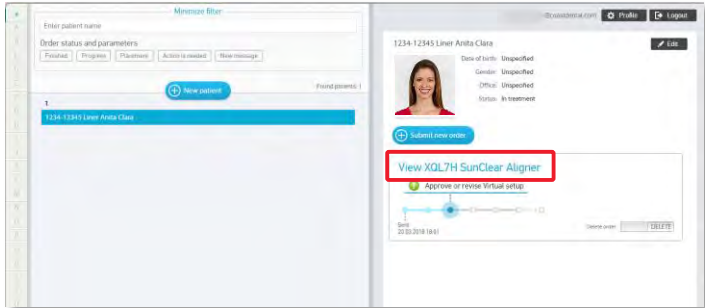
Sun Dental Lab
1800 9th Ave N
St. Petersburg, FL 33713

Case Review & Approval

View Simulation and Approve the Case Plan

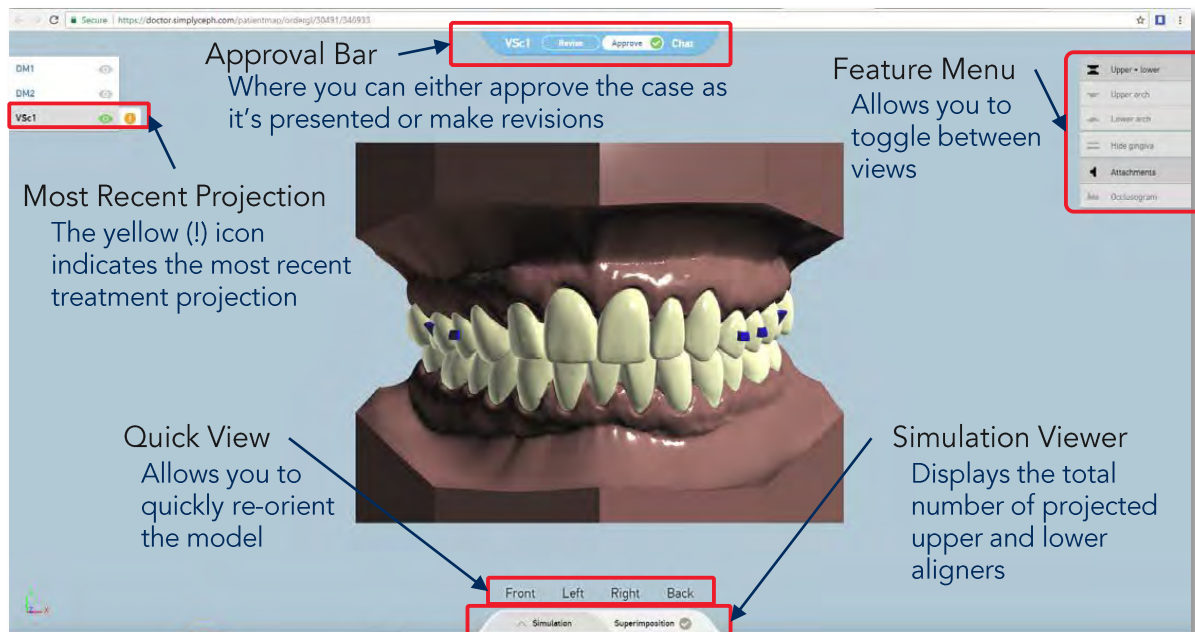
1. Find and select the patient from the home screen of the SunClear portal then click the **View SunClear Aligner** link in the patient's profile.

2. Click on the model under the yellow overlay that says **New** located in the **Records** tab under the **Models** section.



3. **View Simulation:** This page allows you to view a visual projection of tooth movement with each of the suggested number of aligners.

- Right click and drag the model to rotate view 360 degrees
- Use the scroll wheel on you mouse to zoom in and out



Approve Case

Click the **Approve** button in the **Approval Bar**, click **Ok** in the notification pop-up window, then click **Approve** in the finalize approval pop-up.

Request Revision

Click the **Revise** button in the **Approval Bar**, type a comment into the entry field of the pop-up window, then click the envelope icon to submit request.

Chairside Procedures

IPR & Button Attachments

The treatment plan provided by Sun Dental Labs will indicate the need for button attachments and/or interproximal reduction (IPR). This includes when and where to place attachments and perform IPR.

The treatment plan can be viewed in the patient's SunClear portal account and on the aligner bag labels.

SunClear Portal

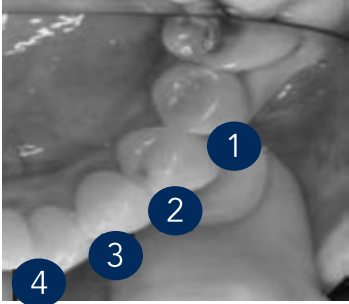
Doctor:	Demo Demo
Patient:	29 (active)
Upper arch:	17 (active)
Lower arch:	12 (passive)

Upper arch	Lower arch
1. Attachments (tooth number)	
2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15	18, 19, 20, 22, 23, 24, 25, 27, 28, 30
2. IPR staging (mm. Mesial/Distal)	
7 - 0.2 M before aligner 1	29 - 0.1 D before aligner 1
8 - 0.1 M	27 - 0.2 M
9 - 0.2 D	27 - 0.1 M before aligner 2
11 - 0.1 M	29 - 0.1 D before aligner 7
6 - 0.1 M before aligner 6	
6 - 0.1 M before aligner 7	
3. Total IPR required (mm. Mesial/Distal)	
7 - 0.2M	29 - 0.2D
8 - 0.1M	27 - 0.3M
9 - 0.2D	
11 - 0.1M	
6 - 0.2M	

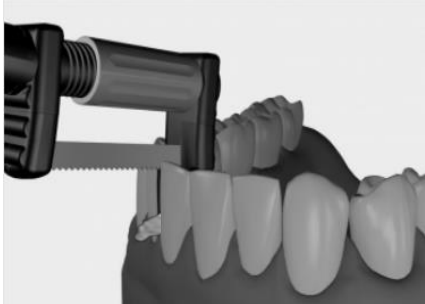
Aligner Bag

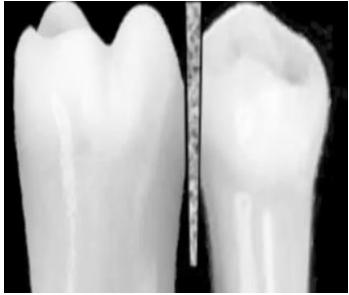


Manual Interproximal Reduction (IPR) Technique

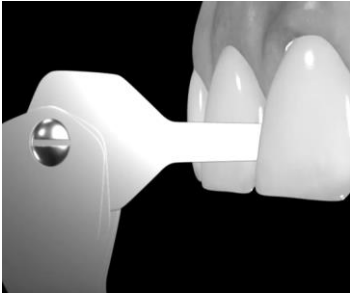
- 

Plan IPR Sequence
Check the treatment plan and sequence the IPR to address teeth going from posterior to anterior.
- 

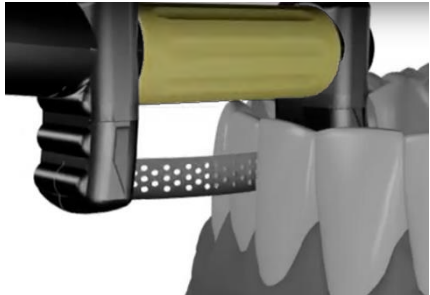
Protect Soft Tissues
Minimize risk of tissue damage and increase access to area with a wedge, or separator, and a retractor.
- 

Open the Contact Point
Begin with the gray serrated FitStrip in a locked position. Use a light sawing motion to break contact between teeth.
- 

Reduce Enamel
Switch to the yellow single-sided strip (0.08mm) and use a smooth, sawing motion with the strip parallel to the long axis of the tooth.

 - Alternatively, the IPR diamond bur can be used in place of strips.
- 

Measure with Gage
Measure the space created with the gage before each change to a thicker strip.

See [FitStrip: IPR Strip Selection Graphic \(pg.20\)](#)
- 

Contour and Verify
Switch back to the yellow single-sided strip, loosen the strip so it's curved, and restore tooth contour. Then gage and record the final gap distance.

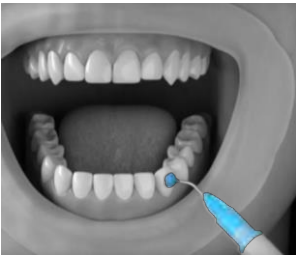
FitStrip: IPR Strip Selection Graphic

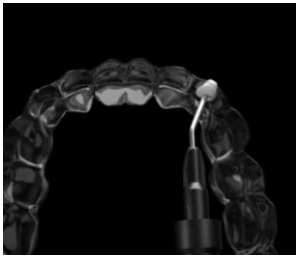
Start with the Step 1 strip and progress as directed below towards target distance in mm.



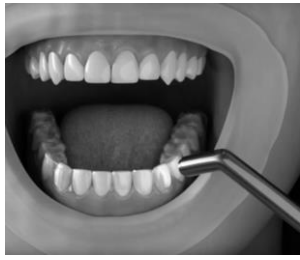
Placing Button Attachments

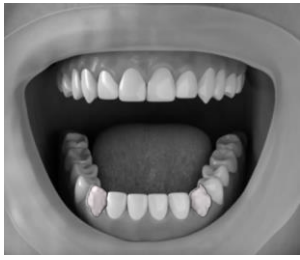
- 

Prep Area & Aligner
Place retractor and apply a very thin layer of petroleum jelly to the inside well of the aligner using a microbrush.
- 

Etch Teeth
Etch the buccal surface of teeth identified in treatment plan for 30 seconds. Then rinse and dry area.
- 

Fill Attachment Well(s)
Load flowable composite into attachment well(s) in aligner until slightly overfilled.
- 

Seat Aligner
Lollipop scrub the buccal surface of teeth then seat the loaded aligner onto teeth. Apply gentle pressure to attachment(s).
- 

Cure Attachment
Cure composite material through the aligner* for 20-30 seconds or per material instructions.
- 

Check Placement
Remove aligner. Have dentist check placement of attachments and remove any excess.

Attachments won't fit in wells?

All attachments must be seated inside the designated wells to be effective. If not, remove the problematic attachments and fit new attachments using the current aligners. Then submit a revision request with SunClear.

***MAINTAIN A >5MM DISTANCE BETWEEN THE CURING TIP AND ALIGNER TO AVOID HEATING ALIGNER.**

Removing Button Attachments

- 

Prep Area
Isolate teeth and spray a small amount of water on area.
- 

Remove Composite
Using the Robot Carbide Finishing Bur in a high-speed hand piece, move over the surface of the composite material on the tooth.
- 

Polish Area
Switch to the OneGloss Point and polish area.

Case Management

Patient Instructions



Oral Hygiene

Emphasize the importance of hygiene and teeth brushing. Inflammation in the gums can slow down treatment progress.



Aligner Use

Each aligner must be worn for **2 weeks** and a minimum of **22 hours per day**. They should only be removed for eating and brushing.



Insertion and Removal

Insert the aligner by **gently pushing over the incisors first then apply pressure to the molars**. To remove, pull the aligner from the lingual side of the molar and repeat on the opposite side. Then gently pull aligner down from the teeth.



Aligner Maintenance

Aligners must be cleaned in cold water using a neutral liquid detergent or cleansing tablets for dentures. When not worn, **the aligners should be stored in the provided plastic container** to prevent any loss or damage. Handle aligners carefully to prevent bending.

Patient Compliance Matters

The effectiveness of SunClear Aligners depends on patient compliance to instructions.

First, Follow-Up, and Final Appointment Checklist

First Appointment

At the first visit, the clinician should do the following:

- ☐ Review treatment plan and instructions with patient
- ☐ Check the fit of the aligner in the mouth
- ☐ Perform any IPR and/or place attachments as indicated in plan
- ☐ Provide the patient 3 sets of aligners
- ☐ Schedule Follow-up for 6-weeks out*

*6-week Follow-ups are standard. The provider should adjust timing of Follow-ups based on specific patient case requirements.

Follow-Ups

At each visit, the clinician should do the following:

- ☐ Discuss progress towards patient's goal
- ☐ Verify compliant usage of active aligners
- ☐ Pass floss between the teeth to remove any blocking elements
- ☐ Perform any IPR and/or place attachments as indicated in plan
- ☐ Check the fit of the aligner in the mouth
- ☐ Check gingival tissue for any excessive pressure
- ☐ Provide next 3 sets of aligners and schedule the next 6-week Follow-up*

Final Appointment

At the final visit, the clinician should do the following:

- ☐ Discuss progress and retainer instructions
- ☐ Check fit of the retainer in mouth
- ☐ Take photo of patient with retainer in and out

Case Coding

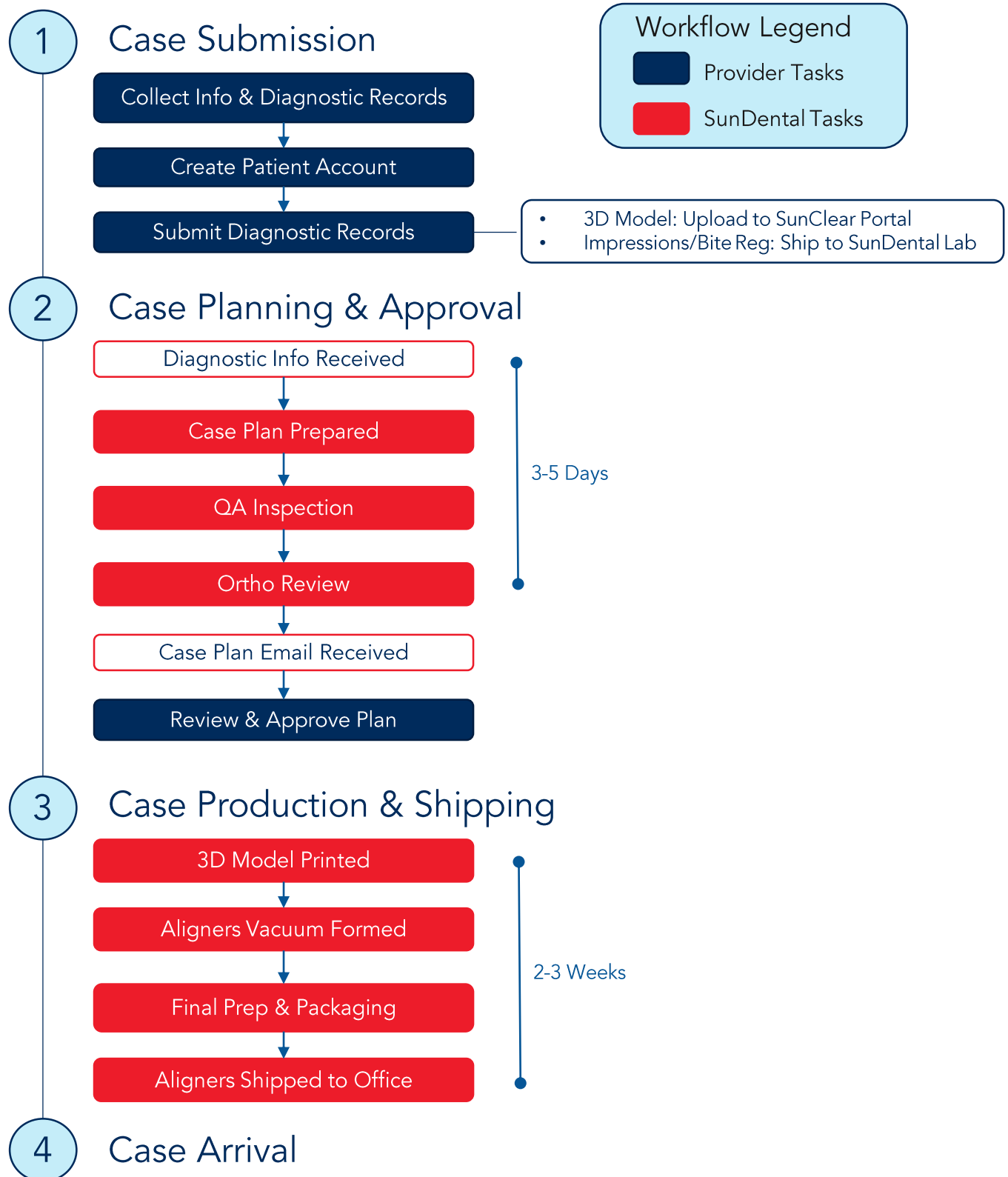
ADA Procedure Code Guide

Description	ADA Code
Comprehensive oral evaluation, new or established patient	D0150
Intraoral – complete series of radiographic images	D0210
Panoramic radiographic image	D0330 ¹
2D Cephalometric radiographic image – acquisition, measurement and analysis	D0340
Oral/Facial photographic images	D0350
Diagnostic casts	D0470
Oral hygiene instructions	D1330
Orthodontic treatment (SunClear aligners)	D8040 (Adult, partial dentition) or D8090 (Adult, entire dentition) ²
Provide retainer at case completion	D8681 ³
Periodic orthodontic treatment visit	D8670
Replacement retainer	D8692
Replacement individual aligner	D8691

Notes on Coding Clear Aligner Cases

1. It is recommended that each component of orthodontic records (e.g., D0330, D0340, D0350 and D0470), oral examination and x-rays are reported separately from the orthodontic case. This can increase cash flow for the practice and provide an early indicator of the coverage of the plan. Some payers will reimburse records in addition to the typical lifetime maximum benefits of \$1,500. In other cases, the records fee is subtracted from the lifetime benefit.
2. D8040 and D8090 are for adult patients. Utilize the applicable orthodontic code for limited and comprehensive orthodontic treatment based upon patient's age and dentition type.
3. Some insurance companies consider this inclusive to the global orthodontic case fee.

Case Workflow/Timeline





(866) 561-9777

sudentallabs.com