

Bonding and Bracketing Participant Guide



Sierra Orthodontics

Dental Practice

Excellence in Every Smile!

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SCENARIO 1



SKILLS COVERED

- ✓ Set Up
- ✓ Assistant Preparing for the Bond

NOTES



ACTIVITY 1A

What is the correct next step according to your certification level? If you aren't sure, check your Job Aid (pp. 10-11).

- A** Place the etch on the teeth for 30 seconds.
- B** Let the doctor know the patient is ready for bonding.
- C** Turn off the above light.

CHECK IN

What is your certification level?

RDA

RDA + OA

SCENARIO 1 (CONT)



ACTIVITY 1B

- 1 Select "Tx Notes+" to pull up photos, panos, and treatment notes.
- 2 The color of the bands on the teeth tell you what type of bracket to use (eg: Damon Q).
- 3 Note elastic patterns/strength for "Finishing the Bracketing Appointment".
- 4 Note missing teeth / teeth not bonded for "Bonding and Bracketing" phase of appointment.
- 5 Prepare indicated arch wires for "Finishing Bracketing Appointment" phase.

TOPs Chart Abbreviation Key	
Tx	Treatment
DxTx	Diagnosis of Treatment
Brkn Appl	Broken Appliance
Appl Rx	Appliance Prescription
Hgear/Appl	Headgear/Appliance
AW	Archwires
PT	Patient
NV/LV	Next Visit/Last Visit

Comprehensive Tx Plan

Class II Adult Dentition

Comprehensive Treatment

Damon Q*

Plan Date: MM/DD/YY

Treatment Sequence:

Today

Approve Treatment Note

Doctor's Name: Tx Start: Timing: Tx Status: Tx Disposition:

Clinical Assistant's Name: Tx End: Upper AW: Lower AW: Next Procedure:

Brkn Appl: Oral Hygiene: Wait: Duration:

Appl Rx: Hgear/Appl: Next Appt:

Elastics: Notes:

Approval	Date	Compliance	Appliances	Elastics	AWs	Status	Notes	Next Appt	Next Appt Notes

SCENARIO 2



SKILL COVERED

- ✓ Bonding and Bracketing

NOTES

ACTIVITY 2

Number the steps for the Bonding and Bracketing protocol according to your certification level. You will not need all the steps.

- RDA protocol: 15 steps
- OA protocol: 14 steps

- _____ Let doctor know you are ready to bond brackets.
- _____ Place the etch on teeth for 30 seconds.
- _____ Doctor/OA places the etch on teeth for 30 seconds.
- _____ Rinse for 5 seconds, and air dry.
- _____ Turn off above light.
- _____ Place the bond on the etched teeth
- _____ Air dry, blowing towards gum line.
- _____ Light cure for 5 seconds each tooth.

(continued on next page)

SCENARIO 2 (CONT)



- _____ Start placing cement on the bracket using the spin tech instrument to spread it like butter on the bracket pad.
- _____ Place the brackets on the correct teeth in the desired location.
- _____ When doctor is ready, hand him a bracket, telling him what tooth number it coincides with.
- _____ After bracket is placed, switch the bracket holder for the scalar/wire director in the doctor's hand.
- _____ Let the doctor know you are ready for a check of the bracket location.
- _____ Get the next bracket cement ready to be placed.
- _____ After brackets are placed, they must be lightly cured for 20 seconds each.
- _____ Advise the patient and parents not to eat anything harder than soft french fries for the first 48 hours after bonding.
- _____ Hold the curing light.
- _____ Once the bracket is placed correctly, light it for 5 seconds.
- _____ Put arch wires in.
- _____ Make sure all bracket doors are closed or quick sticks are placed.
- _____ Hand the doctor the next bracket and tell him the tooth number. Repeat steps 8-14 until all brackets are placed.
- _____ Remove cheek retractors.
- _____ Make sure nothing is sharp or poking the patient and remove the cheek retractors.

CHECK IN

How did you do?

RDA

_____/15

RDA + OA

_____/14

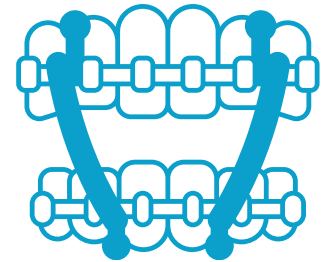
SCENARIO 3



SKILL COVERED

- ✓ Finishing the Bracketing Appointment

NOTES



ACTIVITY 3

The patient is struggling to place her elastics on the left side. What should you do?

After seeing the answer, is there anything you want to add or change?

SCENARIO 4



SKILL COVERED

- ✓ Finishing the Bracketing Appointment

NOTES



ACTIVITY 4

Number the steps for charting on TOPs after completing a bracketing appointment. The chart is on the next page.

- 1 Select TxNotes to view treatment plan.
- 2 Select doctor's name and the assistant for this appointment.
- 3 Rate patient's oral hygiene, appliance, and elastics compliance (A-D).
- 4 List broken brackets here (1-13) and mark red.
- 5 Add in arch wires used today.
- 6 Click to select note presets about this appointment.
- 7 Select Tx disposition for next appointment (eg: continue active treatment).
- 8 Select next procedure type (eg: 30 min. adjustment: ADJ3).
- 9 Select wait until next visit: 7 weeks.
- 10 Click Next Visit Notes to list tasks for next visit (eg: xray: pano).
- 11 Close the chart.

SCENARIO 4 (CONT)



Patient Name - Age - Dr Name Patient Name

Clinical Off-the-Charts

TxPhase Info Dx/Tx Plan Images Tx Notes Tx Notes+ Comprehensive Treatment

Initial (9, 04/02/2015) Most Recent Set 04/02/2015

TxPhase Info Dx/Tx Plan Images Tx Notes

Today Date Approve Treatment Note

Doctor's Name Tx Start Timing: Tx Status: Disposition:

Clinical Assistant's Name Tx End Upper AW: Lower AW: Procedure:

Appl: Hgear/Appl: Next Appt Notes:

Appl Rx: Elastics:

Approval	Date	Compliance	Appliances	Elastics	AWs	Status	Notes	Next Appt	Next Appt Notes

CHECK IN

After checking your answers, rate your confidence from 1 (low confidence) to 5 (totally confident) in using the TOPs Charting System.



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Bracketing Appointment - RDA

1. SET UP

1. Pre-set up all instruments and items needed for the procedure.
2. Seat the patient.
3. Place bib on the patient.
4. Ask if there are there any questions.
5. Open the chart making sure to open: the latest pano photos, intraoral frontal photos, check type of appointment (BR6 or BR9 require NOLA), look at DxTx for archwires, bite turbos, elastics, and if we are not binding specific teeth.
6. Put on PPE.
7. Wash or sanitize hands.
8. Put on gloves.

3. BONDING AND BRACKETING (RDA)

1. Let doctor know you are ready to bond brackets.
2. Doctor/OA places the etch on teeth for 30 seconds.
3. Rinse for 5 seconds, and air dry
4. Turn off above light.
5. Place the bond on the etched teeth
6. Air dry, blowing towards gum line.
7. Light cure for 5 seconds each tooth.
8. Start placing cement on the bracket using the spin tech instrument to spread it like butter on the bracket pad.
9. When doctor is ready, hand him a bracket, telling him what tooth number it coincides with.
10. After bracket is placed, switch the bracket holder for the scalar/wire director in the doctor's hand.
11. Get the next bracket cement ready to be placed.
12. Hold the curing light.
13. Once the bracket is placed correctly, light it for 5 seconds.
14. Hand the doctor the next bracket and tell him the tooth number. Repeat steps 8-14 until all brackets are placed.
15. Remove cheek retractors.

2. PREPARING FOR BONDING

1. Pumice the teeth to be bonded and rinse mouth thoroughly.
2. Place the cheek retractor in the patient's mouth.
3. If bonding upper and lower arches at the same time, use of NOLA system is recommended. Place this at this time. Look for BR6 or BR9 in the treatment notes.
4. Rinse and dry the teeth to be bonded.
5. Keep the slow suction in for saliva evacuation or the NOLA system.

4. FINISHING BRACKETING APPOINTMENT

1. Explain elastics wear and make sure the patient knows how to place the elastics.
2. Remove PPE and use hand sanitizer or wash hands.
3. Complete chart.
4. Remove the patient's bib.
5. Schedule next appointment.
6. Dismiss patient to leave.



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Bracketing Appointment - OA

1. SET UP

1. Pre-set up all instruments and items needed for the procedure.
2. Seat the patient.
3. Place bib on the patient.
4. Ask if there are there any questions
5. Open the chart making sure to open: the latest pano photos, intraoral frontal photos, check type of appointment (BR6 or BR9 require NOLA), look at DxTx for archwires, bite turbos, elastics, and if we are not binding specific teeth.
6. Put on PPE.
7. Wash or sanitize hands.
8. Put on gloves.

3. BONDING AND BRACKETING (OA)

1. Place the etch on teeth for 30 seconds.
2. Rinse for 5 seconds, and air dry.
3. Turn off above light.
4. Place the bond on the etched teeth.
5. Air dry, blowing towards gumline.
6. Light cure for 5 seconds each tooth.
7. Start placing bracket bonding cement on the bracket using the spin tech instrument to spread it on the bracket pad.
8. Place the brackets on the correct teeth in the desired location.
9. Let the doctor know you are ready for a check of the bracket location.
10. After brackets are placed, they must be lightly cured for 20 seconds each.
11. Advise the patient and parents not to eat anything harder than soft french fries for the first 48 hours after bonding.
12. Put arch wires in.
13. Make sure all bracket doors are closed or quick sticks are placed.
14. Make sure nothing is sharp or poking the patient and remove the cheek retractors.

2. PREPARING FOR BONDING

1. Pumice the teeth to be bonded
2. Rinse mouth thoroughly
3. Place the cheek retractor in the patient's mouth
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5. Rinse and dry the teeth to be bonded
6. Keep the slow suction in for saliva evacuation or the NOLA system

4. FINISHING BRACKETING APPOINTMENT

1. Explain elastics wear and make sure the patient knows how to place the elastics.
2. Remove PPE and use hand sanitizer or wash hands
3. Complete chart.
4. Remove the patient's bib.
5. Schedule next appointment
6. Dismiss patient to leave



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