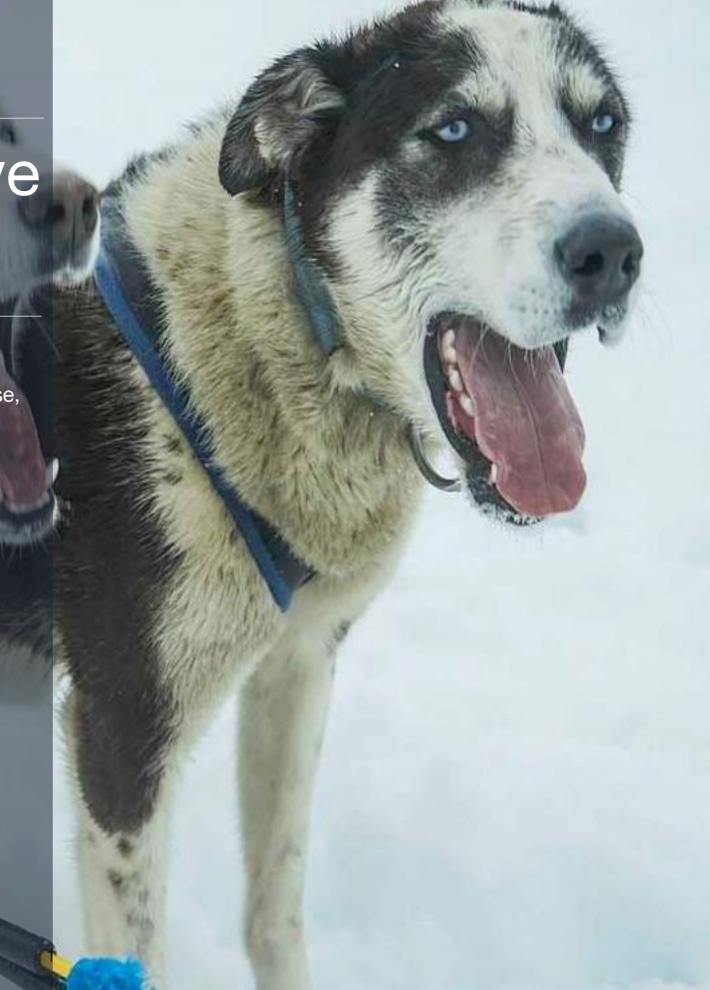


Atraumatic Restorative Treatment ART

To prepare the Alaska Dental Health Aide to treat dental disease, the following presentations are in the ART Book.

- Terms to Know
- Prepare and Set Up
- Atraumatic Restorative Treatment (ART)
- ART Without Electricity
- ART With Electricity
- ART Multiple Surfaces
- Review
- Documentation and Recall







Notes



Articulating paper: Made of a thin, non-adhesive paper strip covered in fluorescent ink or dye-containing

wax. It is used to mark the areas on the teeth where the teeth contact during biting

and grinding.



Atraumatic Restorative Treatment (ART): Technique that involves removal of caries using only hand instruments and no anesthetic, and the placement of glass ionomer to restore a tooth.



Bite: The way the upper (maxillary) and lower (mandibular) teeth come in contact during chewing

or at rest. The dental term is occlusion.



Cavitation: Hole in a tooth.



Cleoid-Discoid: Instrument used to remove excess filling material, and shape a restoration.



Contraindications: To make inadvisable, not recommended.



Cotton pliers: Instrument used to hold articulating paper.



Dental caries: Known as tooth decay or cavities.



Dental hatchet: Instrument used to open a cavity or break off very weak unsupported enamel.



Notes



Dentin:

Issue that is calcified and consists of tiny tubules or tubes. It is the second layer of a tooth and is normally covered by enamel and covers the pulp.



Dentino-Enamel Junction (DEJ): An area where the enamel (covers the crown of a tooth) meets thedentin (the inner part of the tooth covering the pulp).



Desiccate: Drying a tooth to where all the moisture is removed.



Excavating: Removing caries from a tooth to prepare a tooth for a restoration.



Extrude: Force out or discharge



Fluoride: Strengthens and protects teeth from tooth decay.



Glass ionomer: Dental material that chemically bonds to enamel and dentin, releasing fluoride over time; used

in ART.



Indications: To make advisable, recommended.



Occlusion: The way the maxillary (upper) and mandibular (lower) teeth come together during chewing or

at rest.



Notes



Probe:

Instrument used to determine the softness of the dentin.



Pulp:

Area of connective tissue, blood vessels, and nerves located in a chamber within the dentin layer of a tooth. It is found in the crown and the root of a tooth.



Pulp exposure:

Bleeding or the appearance of a dark hole in the tooth where the pulp chamber is located. There may be the smell of dead tissue, and the tooth becomes sensitive.



Smear layer:

A thin yet tenacious coating of tooth debris that appears after dental instrumentation. It prevents adequate bonding of glass ionomer to tooth structures. It is not easily rinsed away, and must be removed by acid etching.



Spoon excavator:

Instrument used to remove plaque and debris from the tooth.



Triturate:

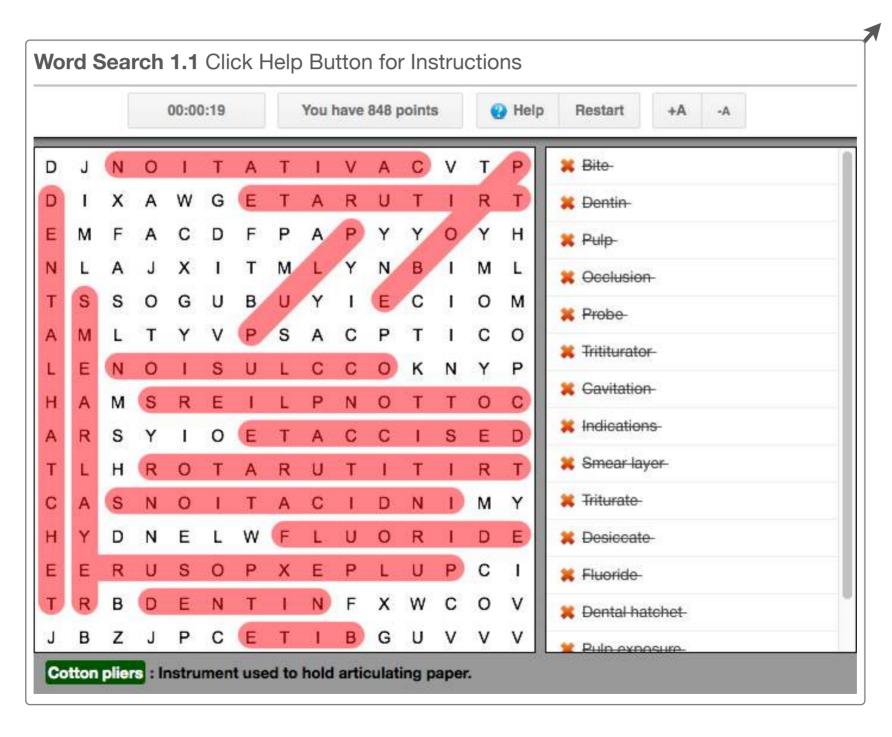
The process of mechanically mixing restorative dental materials like glass ionomer of amalgam.



Triturator:

Dental device that is used to mix dental materials like amalgam and glass ionomer.



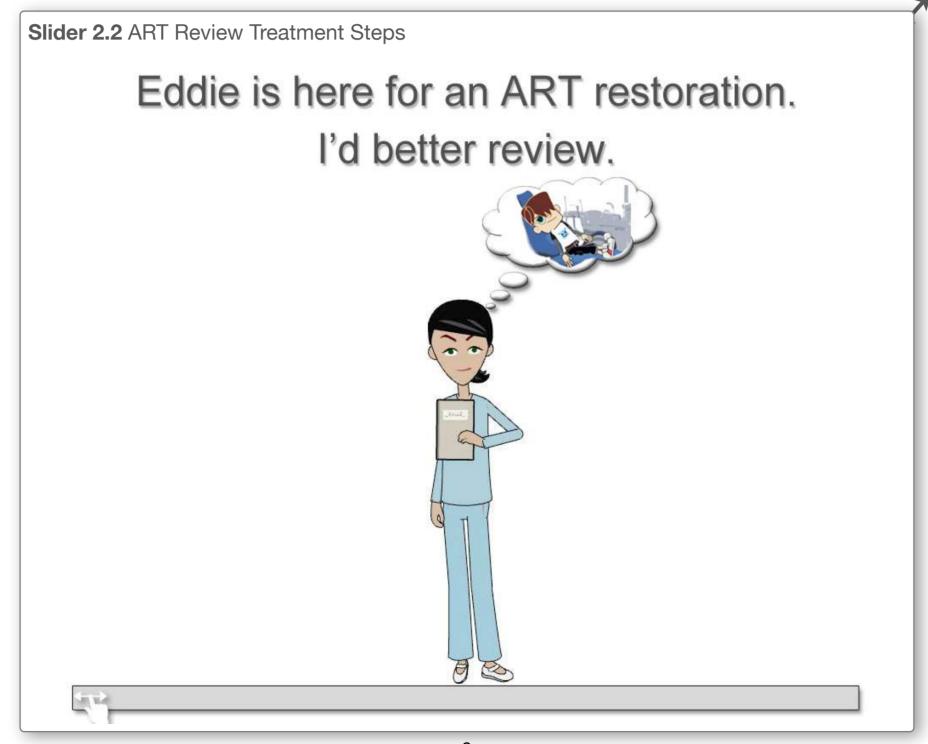


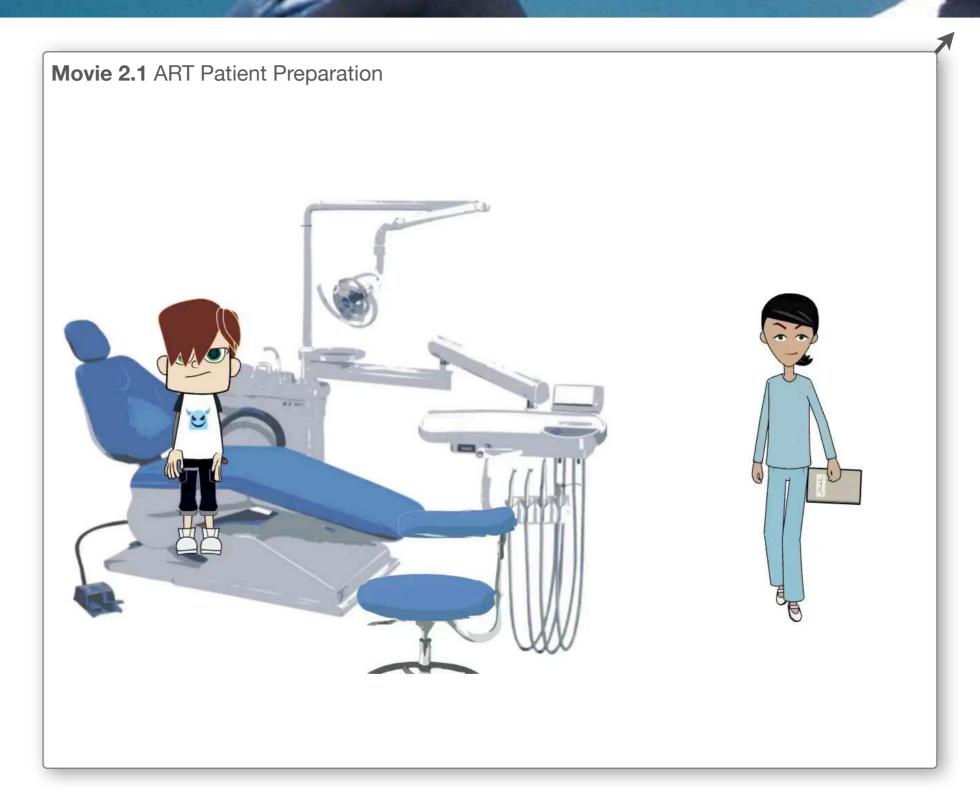
Click to open, slide right to view

Notes

Slider 2.1 My next patient is here. I'll review the Medical History and Treatment Plan first. 8

Click to open, slide right to view





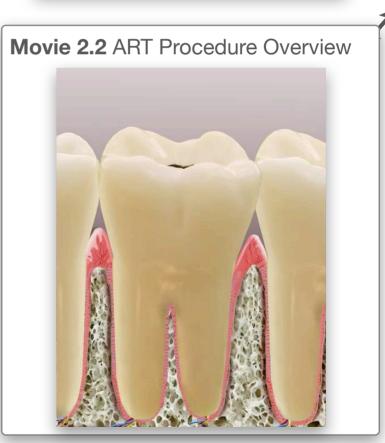
Explaining the Procedure

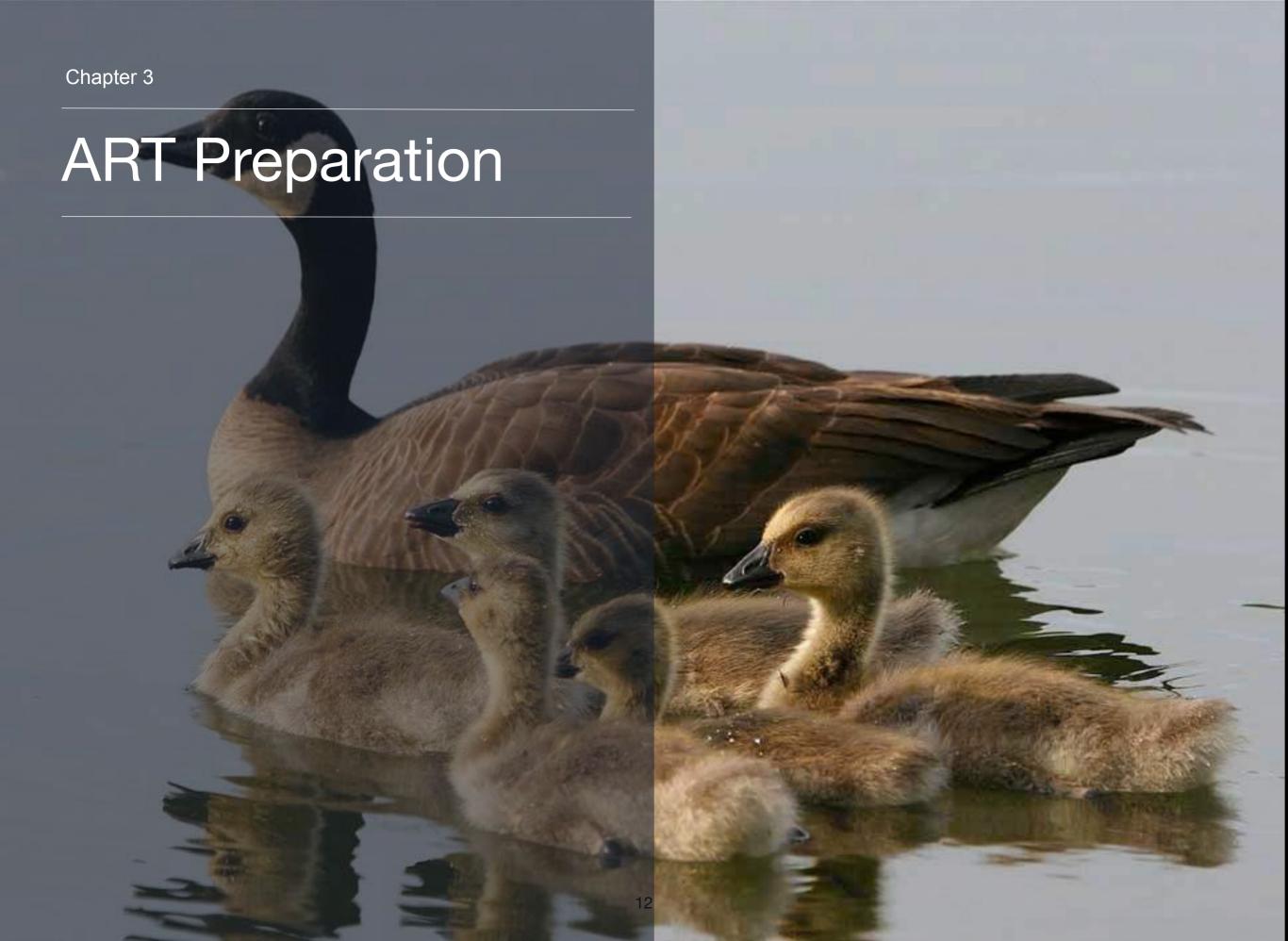
Atraumatic Restorative Treatment (ART) involves the removal of caries using only hand instruments, no anesthetic, and the placement of glass ionomer to restore a tooth. ART is both a preventive approach and treatment for dental caries.

Frequently Asked Questions 2.1

FAQs

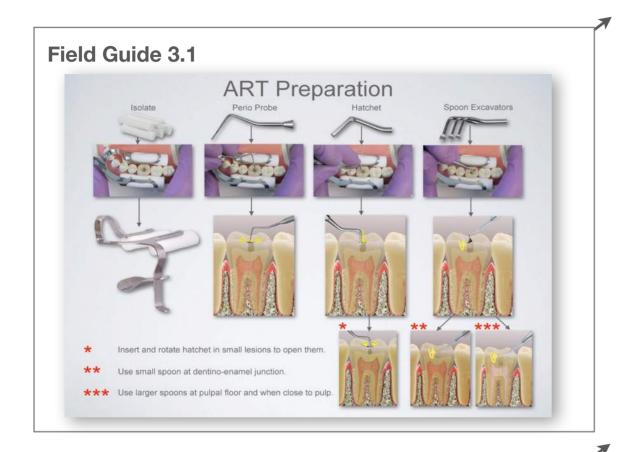




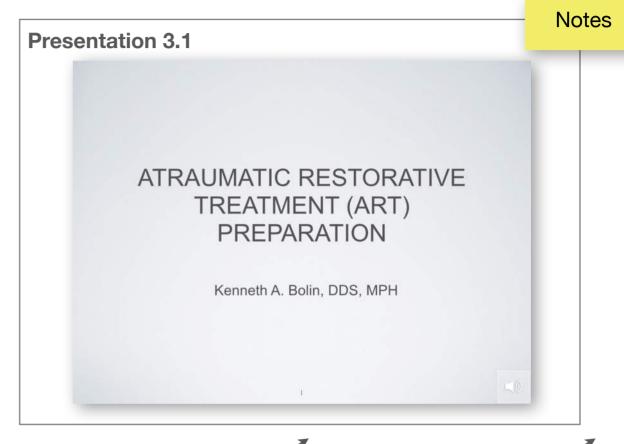


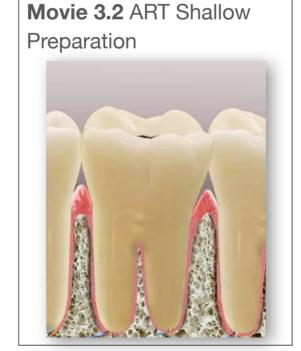
Note Pad

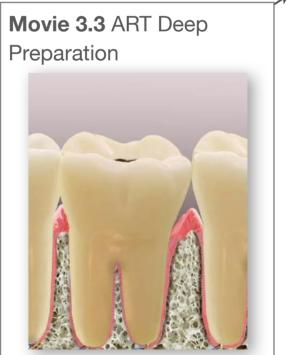
ART Preparation











Notes

Review 3.1 ART Instrument Names

MATCHING

Notes

Review 3.2 ART Instrument Pictures

MATCHING

Notes

Review 3.3 Indications / Contraindications 1

PROS & CONS

Notes

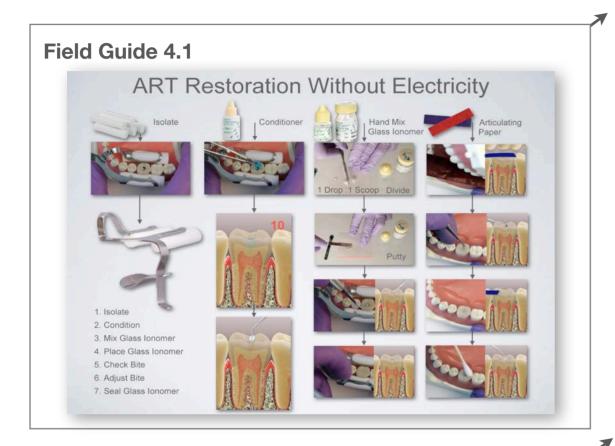
Review 3.4 Indications / Contraindications 2

PROS & CONS

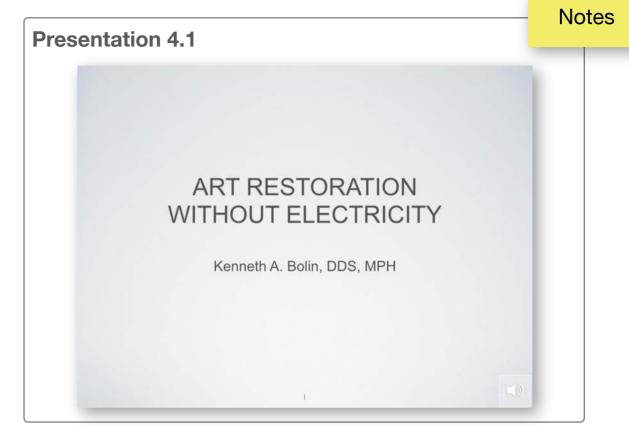


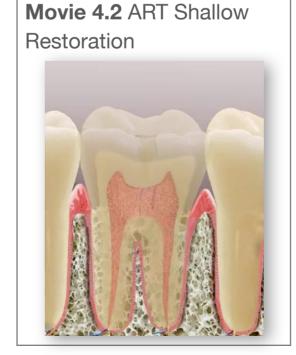
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Restoration Without Electricity



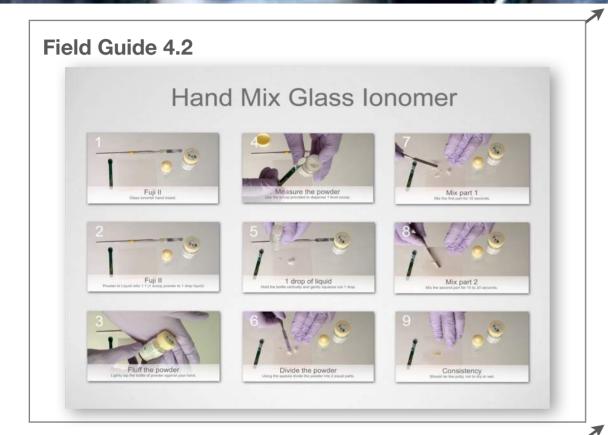


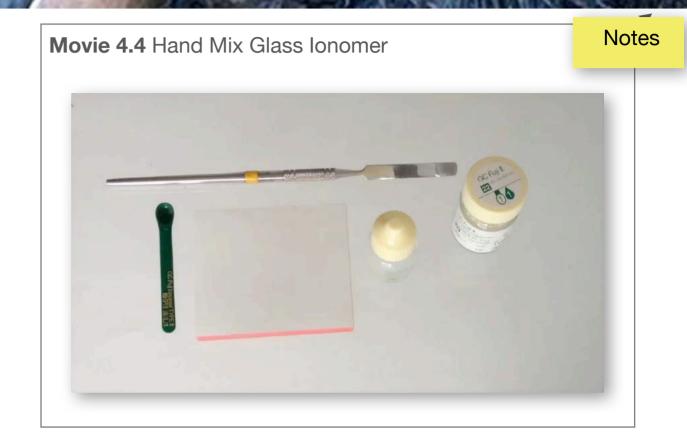


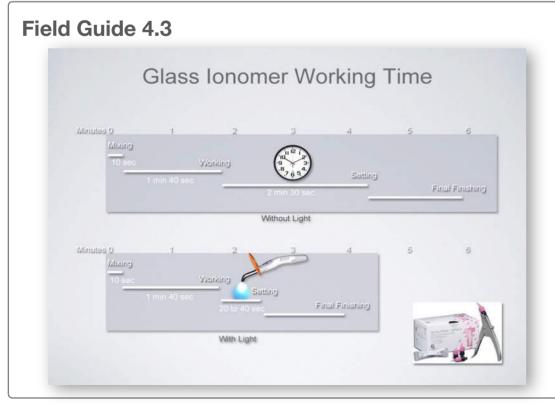




Restoration Without Electricity









Restoration Without Electricity

Notes

Review 4.1 ART Without Electricity

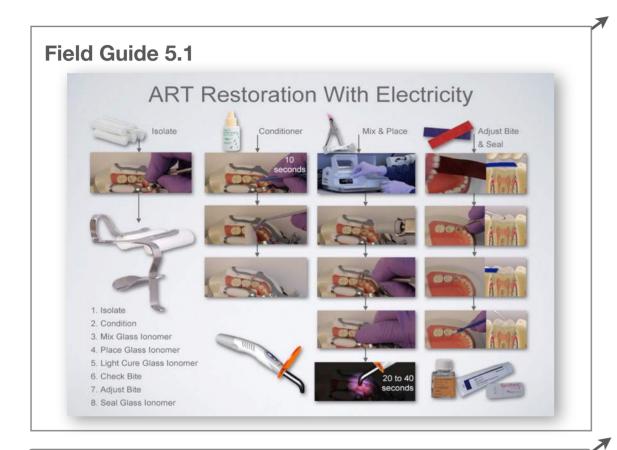
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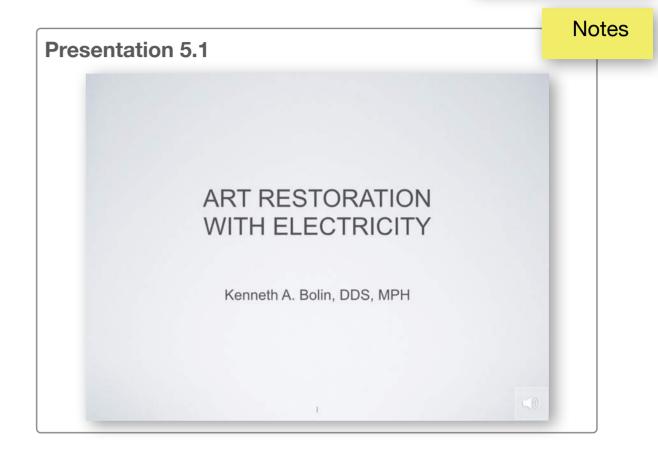
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Restoration With Electricity



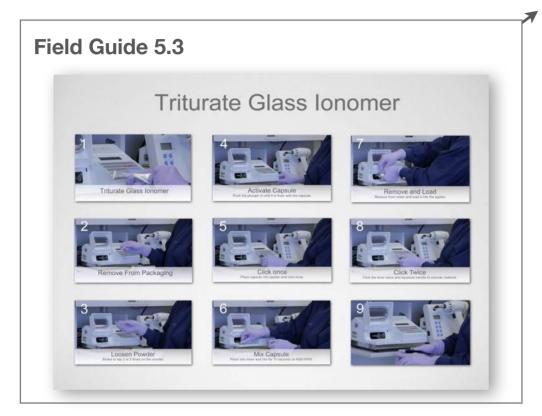


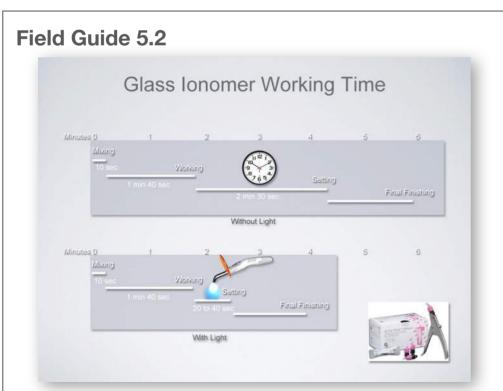






Restoration With Electricity







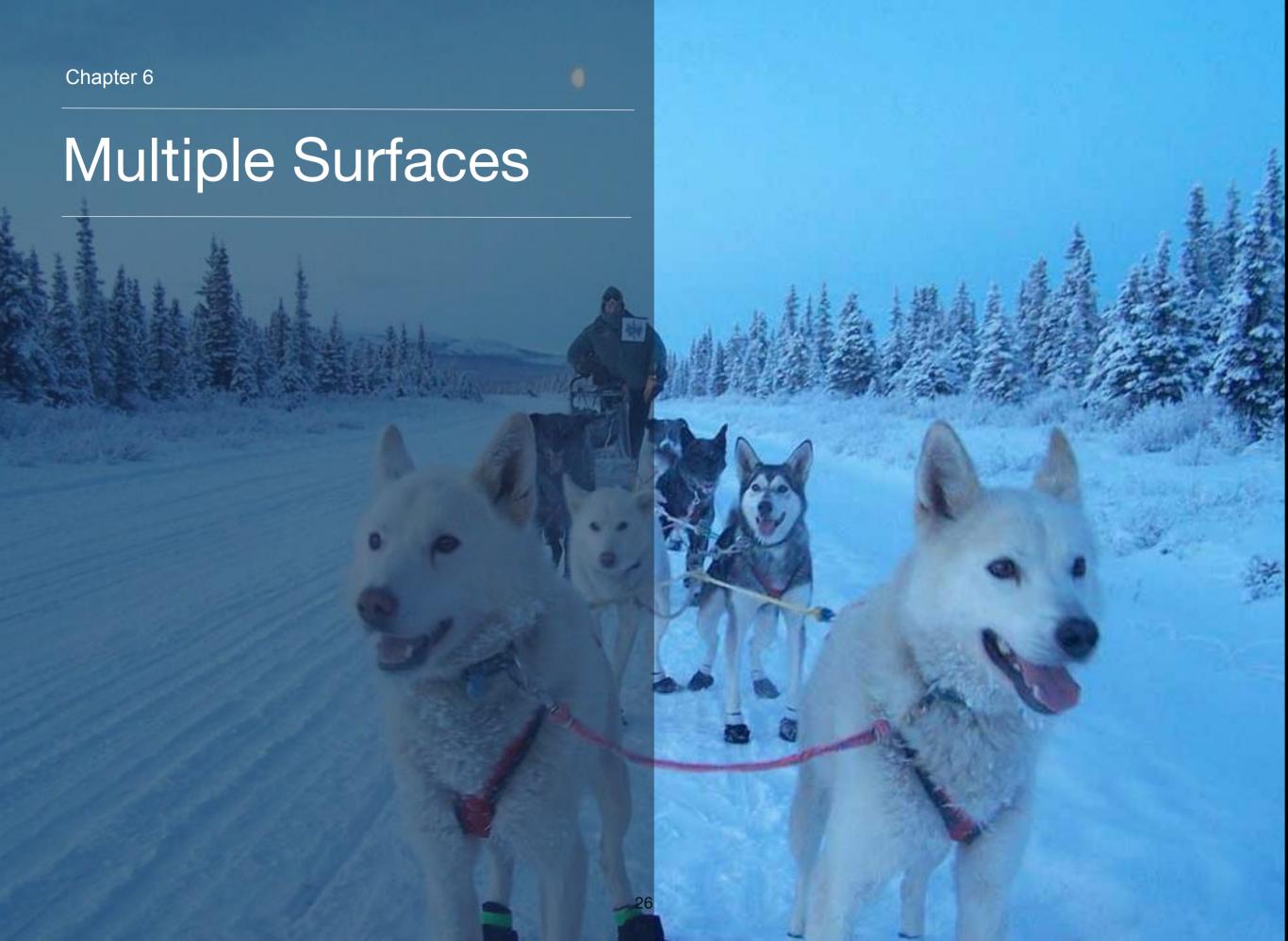


Restoration With Electricity

Notes

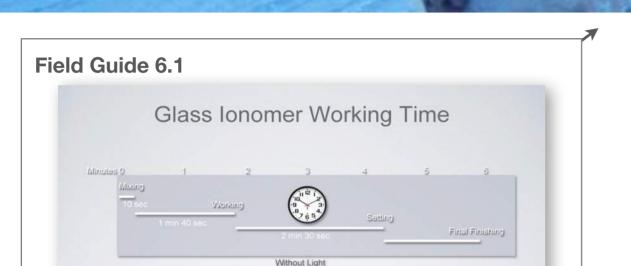
Review 5.1 ART WITH electricity

SEQUENCE



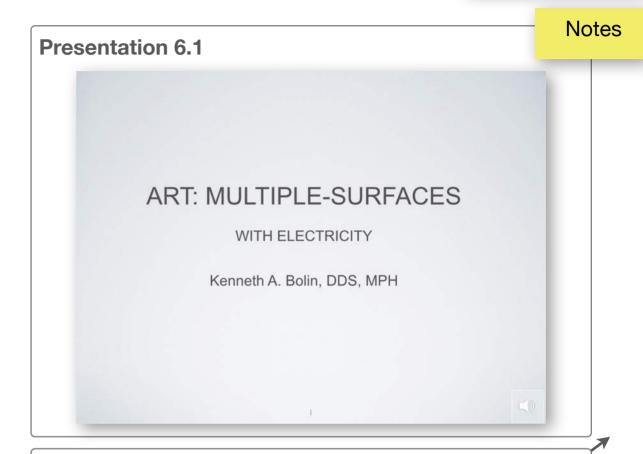
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Multiple Surfaces



Movie 6.1 ART Multiple Surfaces Preparation No Audio

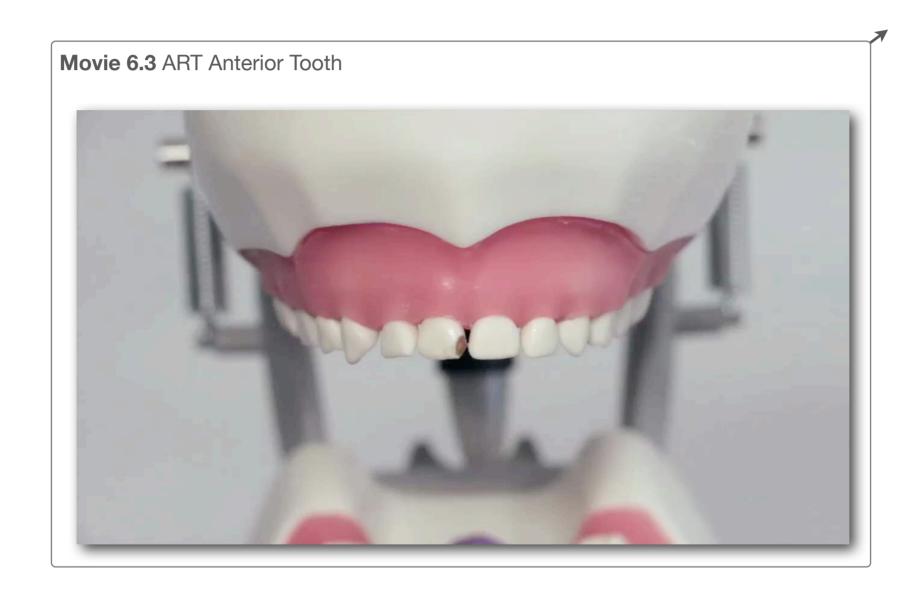




Movie 6.2 ART Multiple Surfaces Restoration No Audio



Multiple Surfaces

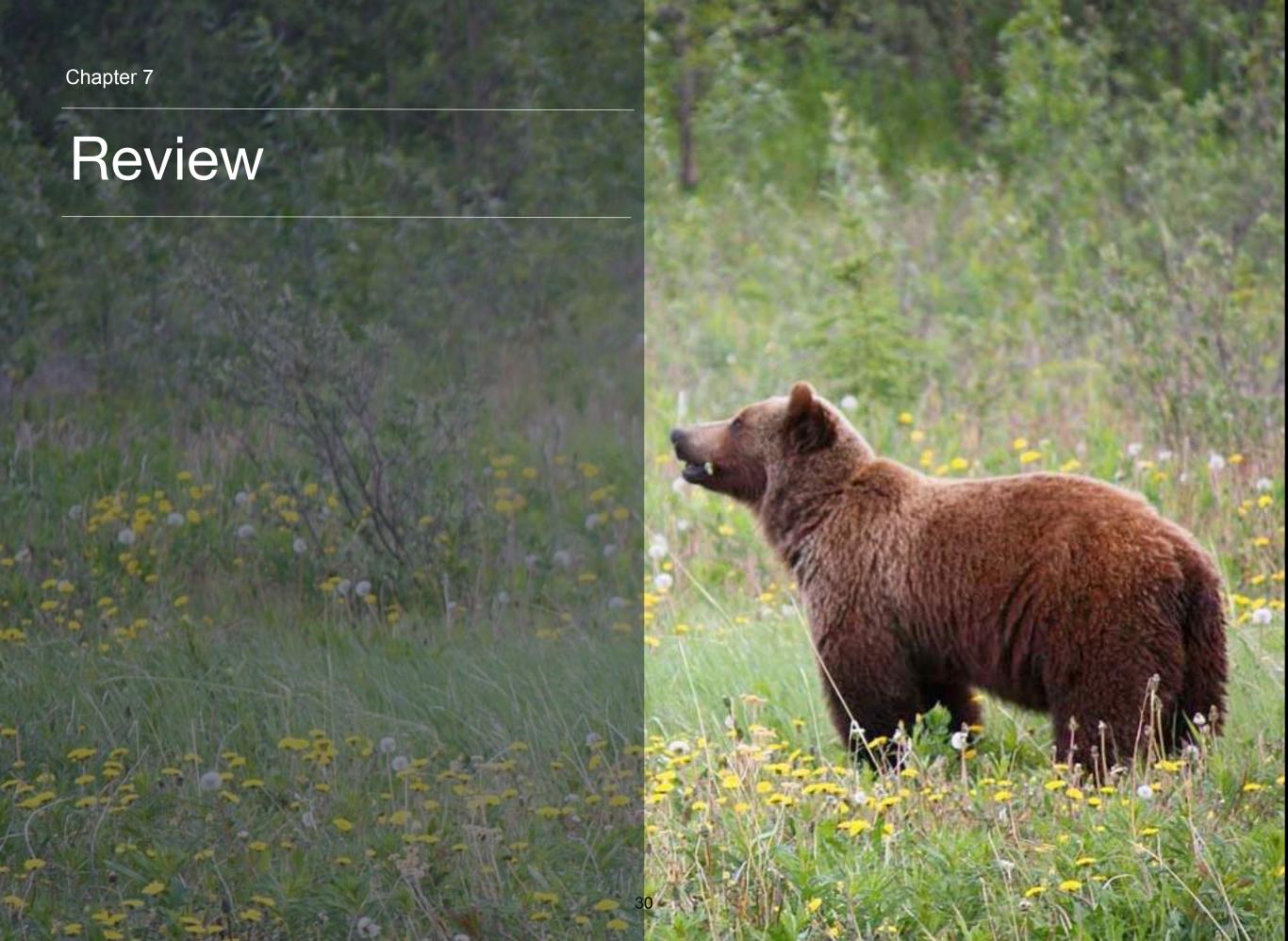


Multiple Surfaces

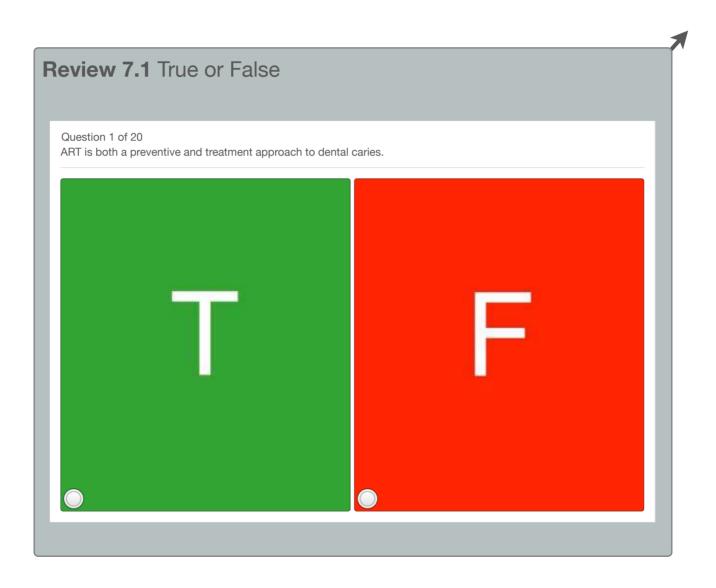
Notes

Review 6.1 Check the bite

SEQUENCE



Section 1 Review



Review





Documentation and Recall

Notes

Documentation and Recall

Documentation is a summary of a dental appointment that includes the sequential order of the services and products used with the patient. The dental provider is responsible for ensuring that documentation is complete, clear, and accurate.

Documentation is written in a patient's chart or entered into the patient's electronic dental record at the end of each appointment. The documentation is in the SOAPE format:

S: Subjective Findings – Purpose of the patient's dental visit. When documenting what the patient said, use "quotation marks."

O: Objective Findings - Observations made by the dental provider.

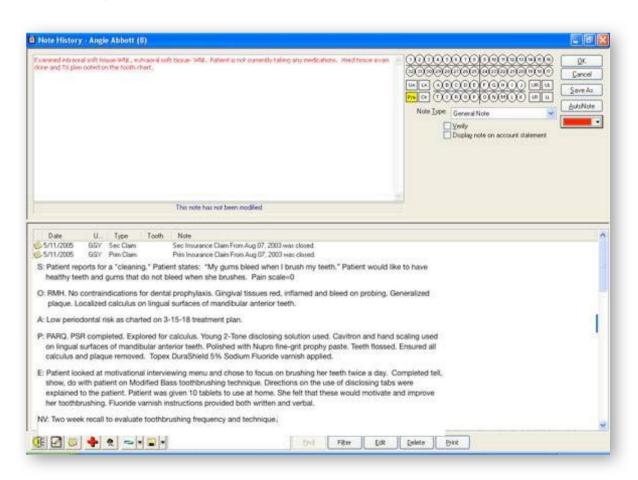
A: Assessment - Diagnosis of the patient's condition.

P: Plan - Planned, proposed and completed procedures.

E: Education - Information given to the patient regarding oral health.

Documentation also includes information about the patient's next visit:

NV: Next Visit -Time frame and treatment proposed for next appointment.

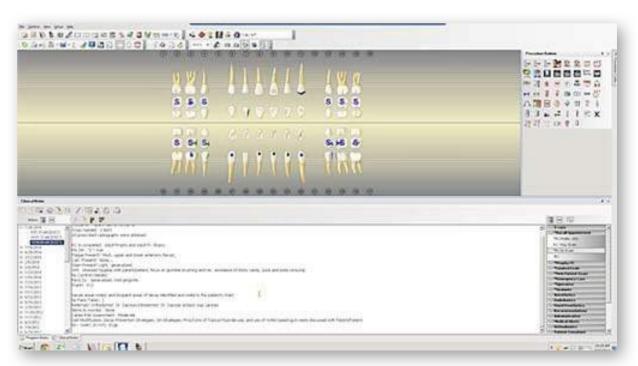


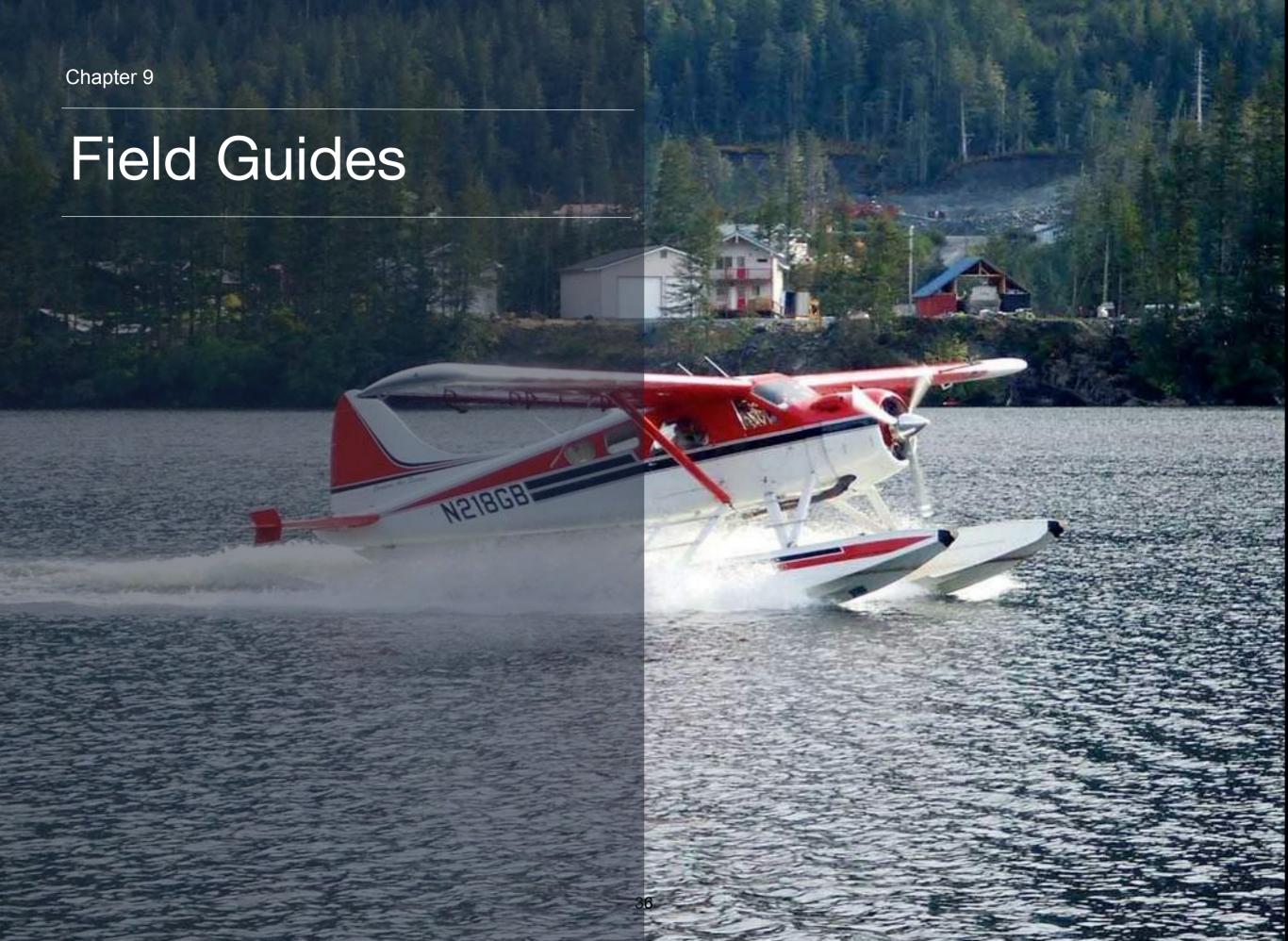
Documentation and Recall

Notes

- S: Revisit for ART. Patient states he gets food caught in the hole in his tooth. Pain Scale = 0.
- O: RMH. No significant findings or changes noted.
 - #A: O cavitation with soft brown dentin exposed.
 - #B: DO cavitation with soft brown dentin exposed
- A: #A-O, #B-DO caries charted on 3-5-15 treatment plan.
- P: PARQ with parent and patient. Cotton roll isolation. #A-O, #B-DO: partial caries removal, Fuji cavity conditioner, Fuji Triage Pink, occlusion checked and adjusted, Fuji Coat LC placed.
- E: Parent informed that a soft diet is recommended and no chewing hard things on right side since it takes 24 hours for glass ionomer to completely harden. Use fluoride toothpaste to recharge the filling material twice a day. Contact a dental provider if there is pain, swelling, gum boil or if the filling is lost.

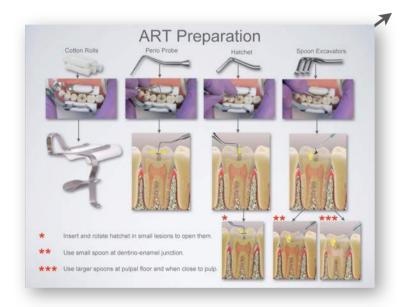
NV: 3 month recall for periodic exam.

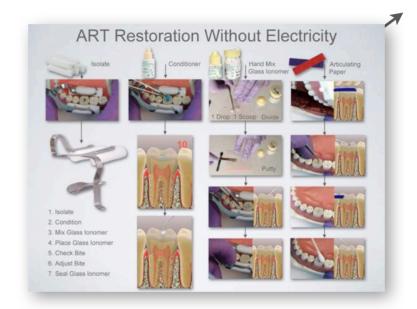




Field Guides

Notes

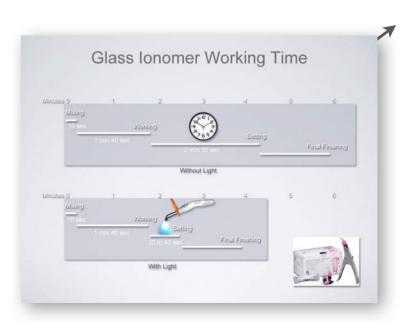












Articulating paper

Made of a thin, non-adhesive paper strip covered in fluorescent ink or dye-containing wax. It is used to mark the areas on the teeth where the teeth contact during biting and grinding.

Related Glossary Terms

Drag related terms here

Index Find Term

Atraumatic Restorative Treatment (ART Technique that involves removal of caries using only hand instruments and no anesthetic, and the placement of glass ionomer to restore a tooth.

Related Glossary Terms

Drag related terms here

Index Find Term



The way the upper (maxillary) and lower (mandibular) teeth come in contact during chewing or at rest. The dental term is occlusion.

Related Glossary Terms

Drag related terms here

Index

Find Term

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Hole in a tooth.

Related Glossary Terms

Drag related terms here

Index Find Term

Cleoid-Discoid		
Instrument used to remove excess filling material, and shape a restoration.		
Related Glossary Terms		
Drag related terms here		
Index Find Term		
Chapter 1 - Terms to Know		

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To make inadvisable, not recommended.

Related Glossary Terms

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Instrument used to hold articulating paper.

Related Glossary Terms

Drag related terms here

Index Find Term

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Der	t a l	(:a	ride
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Known as tooth decay or cavities.

Related Glossary Terms

Drag related terms here

Index Find Term

Dental hatchet		
Instrument used to open a cavity or break off very weak unsupported enamel.		
Related Glossary Terms		
Drag related terms here		
Index Find Term		
Chapter 1 - Terms to Know		

Dentin

Tissue that is calcified and consists of tiny tubules or tubes. It is the second layer of a tooth and is normally covered by enamel and covers the pulp.

Related Glossary Terms

Drag related terms here

Index Find Term

Dentino-Enamel Junction (DEJ)

An area where the enamel (covers the crown of a tooth) meets the dentin (the inner part of the tooth covering the pulp).

Related Glossary Terms

Drag related terms here

Index Find Term

Desiccate
Drying a tooth to where all the moisture is removed.
Related Glossary Terms
Drag related terms here

Excavating
Removing caries from a tooth to prepare a tooth for a restoration
Poloted Classery Torms
Related Glossary Terms
Drag related terms here

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Ext	rı ı	$\boldsymbol{\alpha}$	_
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Force out or discharge

Related Glossary Terms

Drag related terms here

Index Find Term

Fluoride
Strengthens and protects teeth from tooth decay.
Related Glossary Terms
Drag related terms here

Glass ionomer Dental material that chemically bonds to enamel and dentin, releasing fluoride over time; used in ART.

Related Glossary Terms

Drag related terms here

Index Find Term

To make advisable, recommended.

Related Glossary Terms

Drag related terms here

Index Find Term

Occlusion

The way the maxillary (upper) and mandibular (lower) teeth come together during chewing or at rest.

Related Glossary Terms

Drag related terms here

Index Fi

Find Term

Probe
Instrument used to determine the softness of the dentin.
Related Glossary Terms
Drag related terms here



Area of connective tissue, blood vessels, and nerves located in a chamber within the dentin layer of a tooth. It is found in the crown and the root of a tooth.

Related Glossary Terms

Drag related terms here

Index

Find Term

Pulp exposure

Bleeding or the appearance of a dark hole in the tooth where the pulp chamber is located. There may be the smell of dead tissue, and the tooth becomes sensitive.

Related Glossary Terms

Drag related terms here

Index Fi

Find Term

Smear layer

A thin yet tenacious coating of tooth debris that appears after dental instrumentation. It prevents adequate bonding of glass ionomer to tooth structures. It is not easily rinsed away, and must be removed by acid etching.

Related Glossary Terms

Drag related terms here

Index Find Term

Spoon Excavator
Instrument used to remove plaque and debris from the tooth.
Related Glossary Terms
Drag related terms here

Triturate The process of mechanically mixing restorative dental materials like glass ionomer of amalgam. **Related Glossary Terms** Drag related terms here

Index Find Term

Triturator
Dental device that is used to mix dental materials like amalgam and glass ionomer.
Related Glossary Terms
Drag related terms here
Index Find Term
Chapter 1 - Terms to Know