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For all dental codes:
The Code on Dental Procedures and Nomenclature is published in:
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Course Description

During this course we are going learn what SDF is and how it works. EBDH will show us why it's effective. We will then look at how SDF is used; focusing on the Interim Caries benefit, application techniques, and the disadvantages of using SDF. Reviewing case study examples will allow us to select ideal candidates.

By the end of the course attendees should be able to explain how SDF works, who is an ideal candidate, how to place SDF, and any disadvantages.

objectives

- Explain what SDF is and how it works
- Discuss the different uses
- Select ideal candidates
- Discuss the application techniques
- Review the disadvantages

Did you know ...

Black coating → similar to a

- Societal status
- Marital status
- Decay prevention

TWO Questions (we're coming back to these)

- Decay is what type of infection?
- What happens when we "watch" a lesion?

How SDF Is Used:

_____ (H)

Liner under restorations (R)

Indirect Pulp Cap material (R)

Margin repair (R)

_____ (H)

SMART Technique (H/R)

_____ (H)

_____ ← definitely (H)

HYGIENE

D9910 – Application of a desensitizing medicament

Typically, _____ lesions

Post-restorative treatment

What do we remember about 99 codes?

D1208 – Fluoride application

D1351 - Sealant

_____ vs _____

D1354 -Interim application of caries

arresting medicament

Regulated the same as fluoride/legal for DH

_____ treatment for decay

TWO QUESTIONS

Decay is an ... _____

When we watch a lesion, _____

How silver diamine fluoride works

STEP 1:

STEP 2:

STEP 3:

STEP 4:

STEP 5:

STEP 6:

Ionic silver

Silver diamine fluoride _____
_____ in dentinal tubules.

Application techniques

BRUSH Method

Simply drop the SDF on the decayed or decalcified area

Cover with fluoride varnish

Great for occlusal surfaces and direct B/L

Requires limited isolation

FLOSS Method

Isolate

Dry

Floss with super floss

Dot SDF on floss

Slide floss into contact

60 second set

Remove floss

Apply fluoride varnish

SMART

S
M
A
R
T

What's the best part? _____

Patient selection

Is your patient breathing?

Do they have any of the following:

SENSITIVITY

DECALCIFICATION

ANXIETY

ROOT EXPOSURE

How likely are they to sit still?

How likely are they to return for REGULAR
recare?

Gaining Patient Acceptance

Traditional: _____ & _____

Non-Traditional

- "liquid silver"
- Two applications
- Sealant/GI restoration
- NC BWX

Informed Consent

Signed consent form

Remind them that the areas will still be
visible on BWX

_____ doesn't _____

Replacement

Per patient basis

Can be placed every 6 mos like varnish

Contraindications

Cannot place this directly on an exposed
pulp; could cause pulp to become necrotic

Not ideal for patients with ulcerative
gingivitis or stomatitis

Cannot be sensitive or allergic to silver

Stain/discoloration

Intraorally:

- ONLY _____
- Can be covered with _____

Extraorally:

- Everything

AIR DRY - DO NOT _____

Ionic Silver is light sensitive

Light causes _____ which deepens color change

Toxicity

One drop is approximately 25 µL and should be sufficient to treat _____ teeth (contains about 11.88 mg of SDF).

LD of oral administration is approximately 520 mg/kg body weight; while LD subcutaneous administration is 380 mg/kg body weight ~ 1 drop per _____ pounds According to Vasquez et. al. in the study below, the highest applied dose of 2.37 mg would enable 400+ applications over a lifetime.

Fluoride comparison

1 drop = _____ fluoridated water

FDA Approved

Advantage Arrest is the only product available in the US

38% Silver Diamine Fluoride

USA Claims

ONLY _____

Canadian Claims

Prevents tooth decay

Arrests the progress/continuation of an already formed cavity in primary and permanent teeth

Helps to temporarily reduce (painful) tooth sensitivity due to air exposure in adults.

No shortage of Available research
COVER OF ACCESS

Where would **you** use this?

Pediatrics

Health Centers

Mobile Units

Nursing home communities

The sky is the limit.

WITH THE NEW ACCESS PRACTICE AGREEMENTS?!

Resources

www.elevateoralcare.com

<http://www.biomedcentral.com/content/pdf/1472-6831-12-60.pdf>

http://www.aapd.org/media/Policies_Guidelines/G_SDF.pdf

Elevate Oral Care on Facebook

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Questions?