

Dental Practice-Based Research Network
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DPBRN Study 13: Longitudinal study of questionable occlusal caries lesions

Results: Overall and by region - Graphs

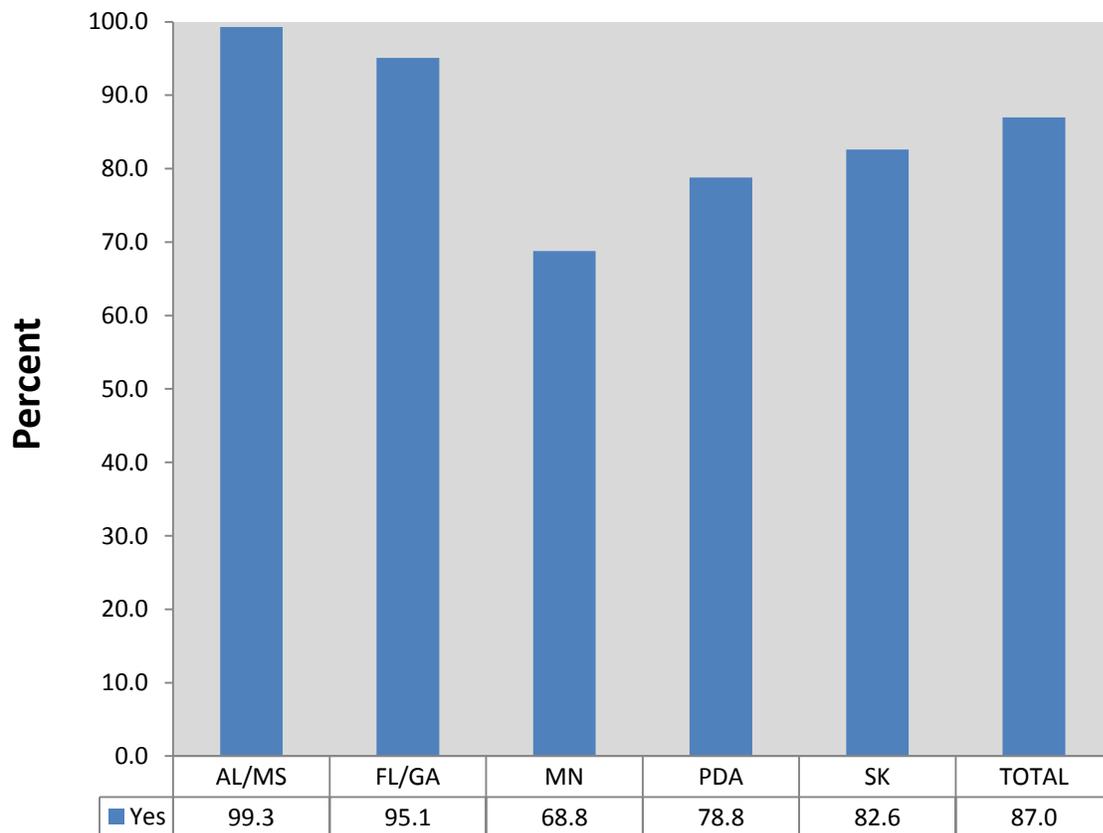
Date Prepared: April 27, 2012

Results from 24-month Follow-Up

1. Is the practitioner who is filling out this form today the same one who enrolled the questionable lesions on the original treatment date?

- a. Yes
- b. No

Question 1: Same practitioner

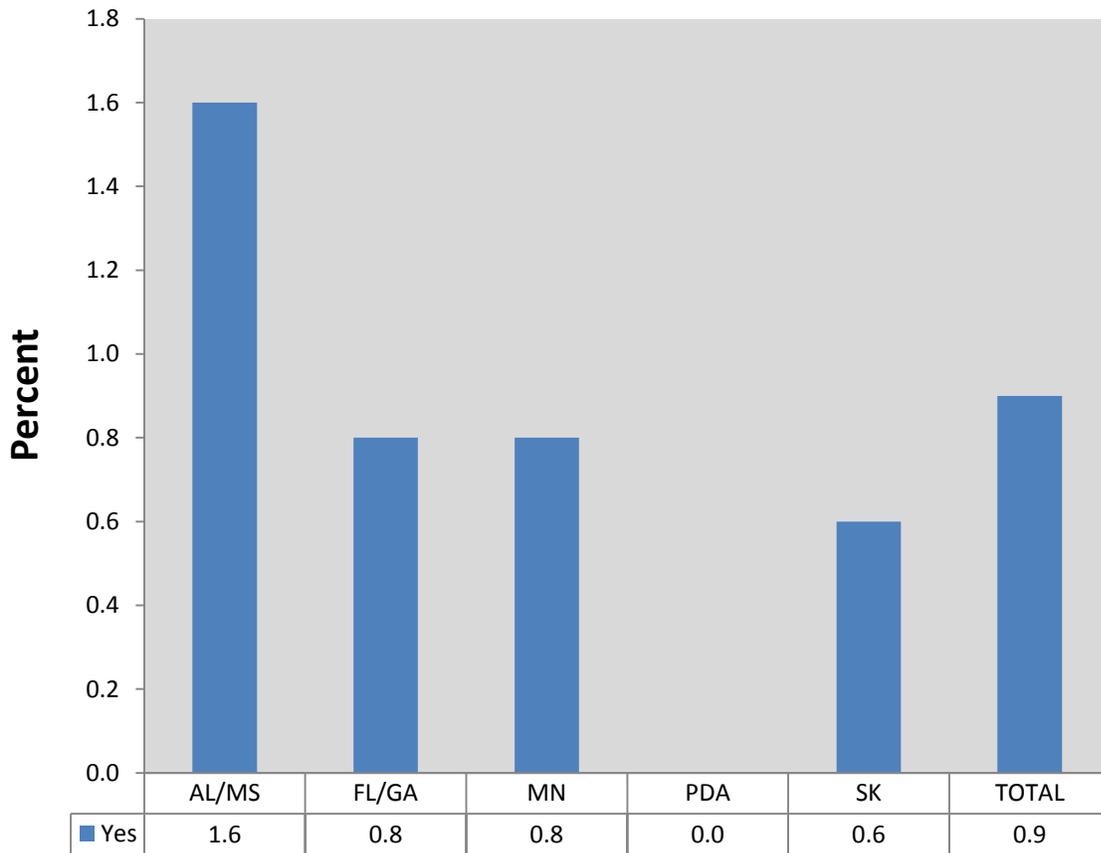


- Overall, 87% of practitioners were the same ones who enrolled the lesions originally; higher in AL/MS and FL/GA (95-99%) and lower in MN (69%) and PDA (79%).

2. Is this visit due to a problem with this specific tooth?

- a. Yes
- b. No

Question 2: Visit related to problems with tooth

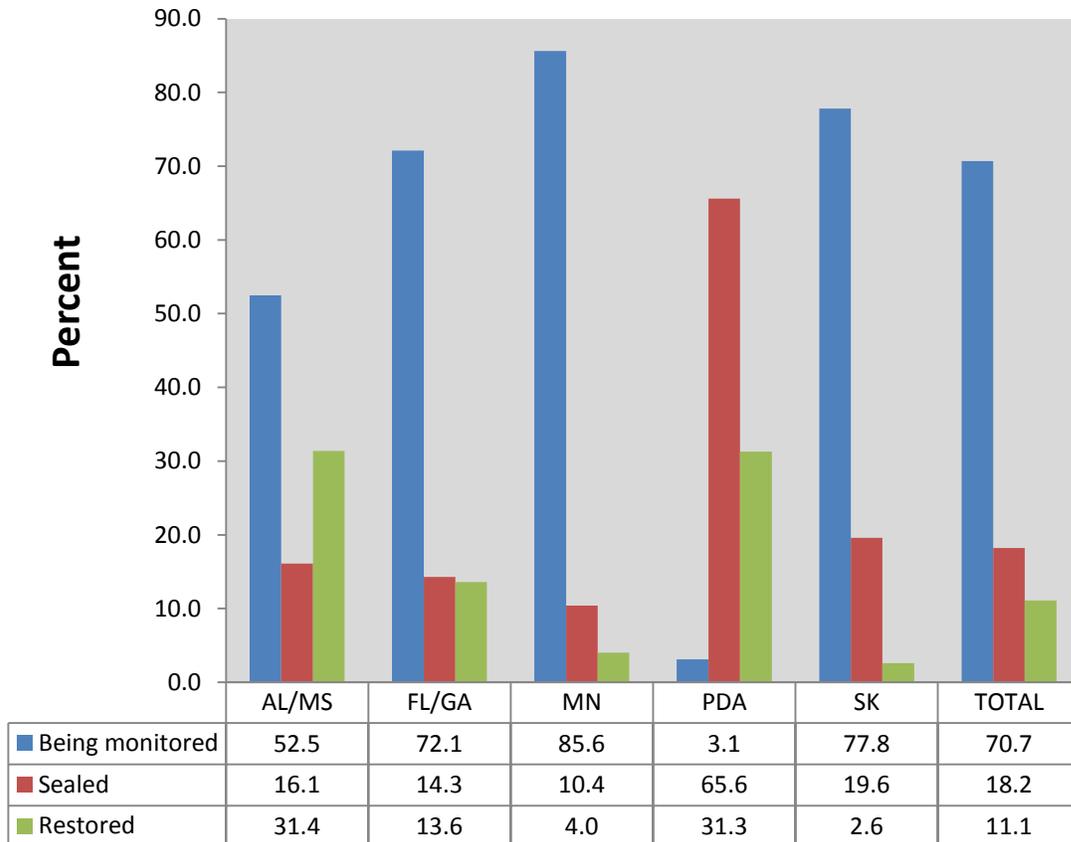


- Only about 1% of patients were being treated due to a problem with the specific tooth.

3. Currently, this lesion is:

- a. Being monitored with oral hygiene instruction and/or fluoride treatment
- b. Sealed
- c. Restored

Question 3: Current condition of lesion

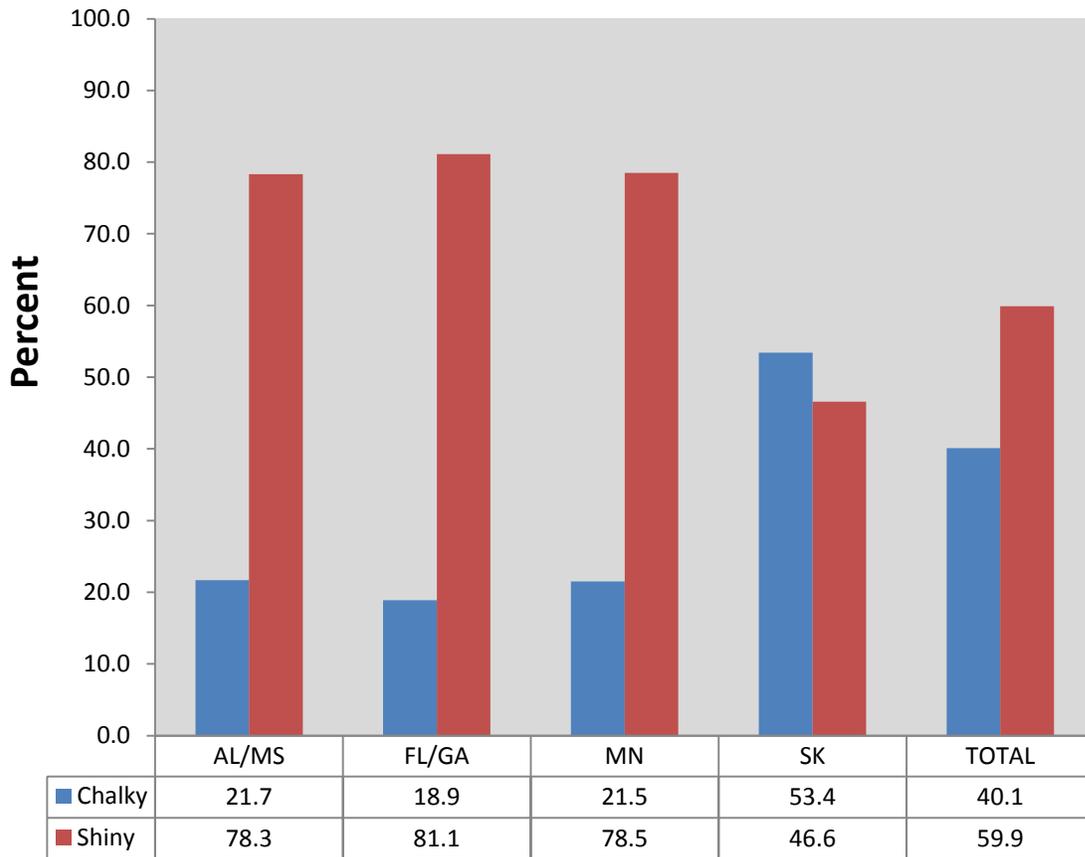


- The majority of lesions were currently being monitored at approximately 71% overall with PDA being much lower at 3%.
- Overall, 18% of lesions were being sealed, much higher with PDA at approximately 66%.

4. Which **one** best describes the luster of the questionable area today?

- a. Chalky appearance
- b. Shiny appearance

Question 4: Luster appearance



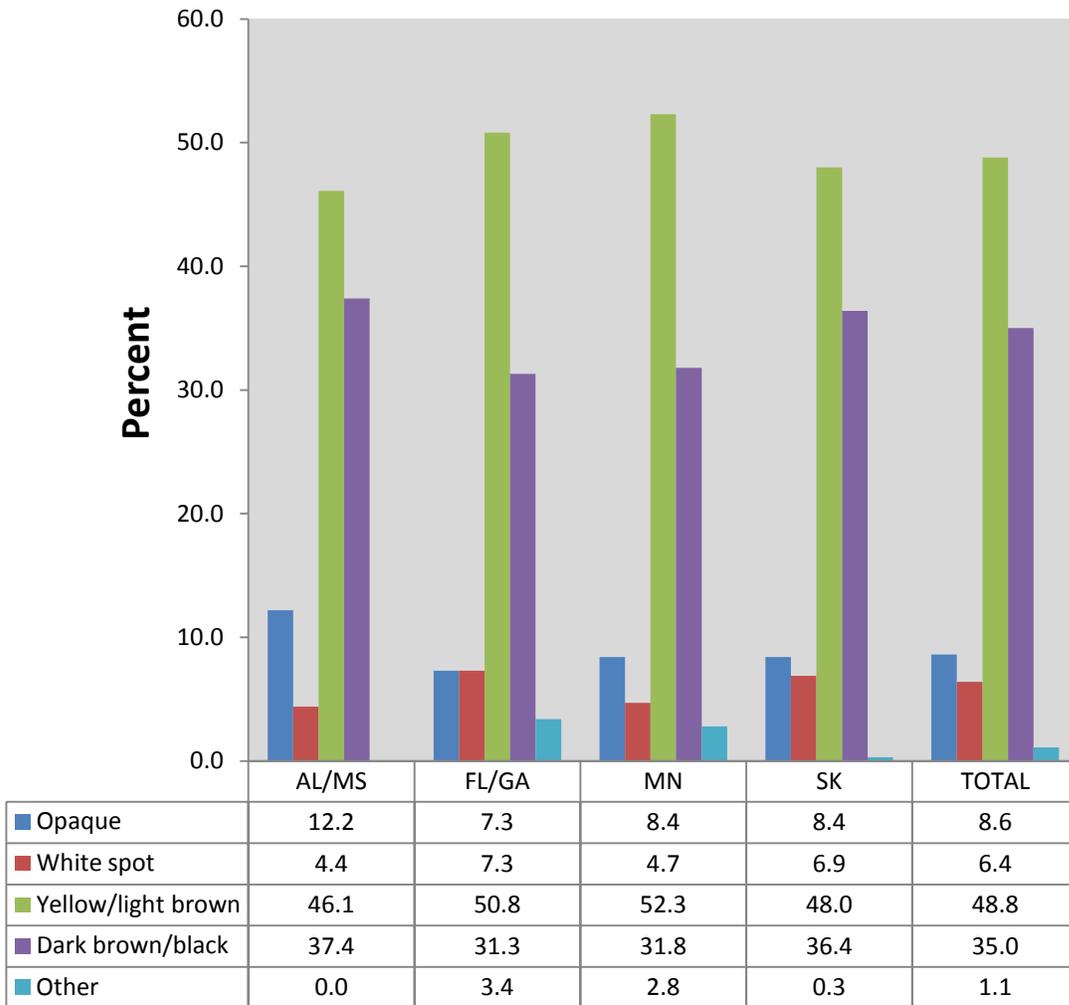
- Overall, about 60% of lesions were described as having a shiny luster.

NOTE: Because PDA only had one response for this question, their data is not reflected in the graph.

5. Which **one** best describes the color of the questionable area today?

- a. Opaque
- b. White spot
- c. Yellow/light brown discoloration
- d. Dark brown/black discoloration
- e. Other _____

Question 5: Color of questionable area



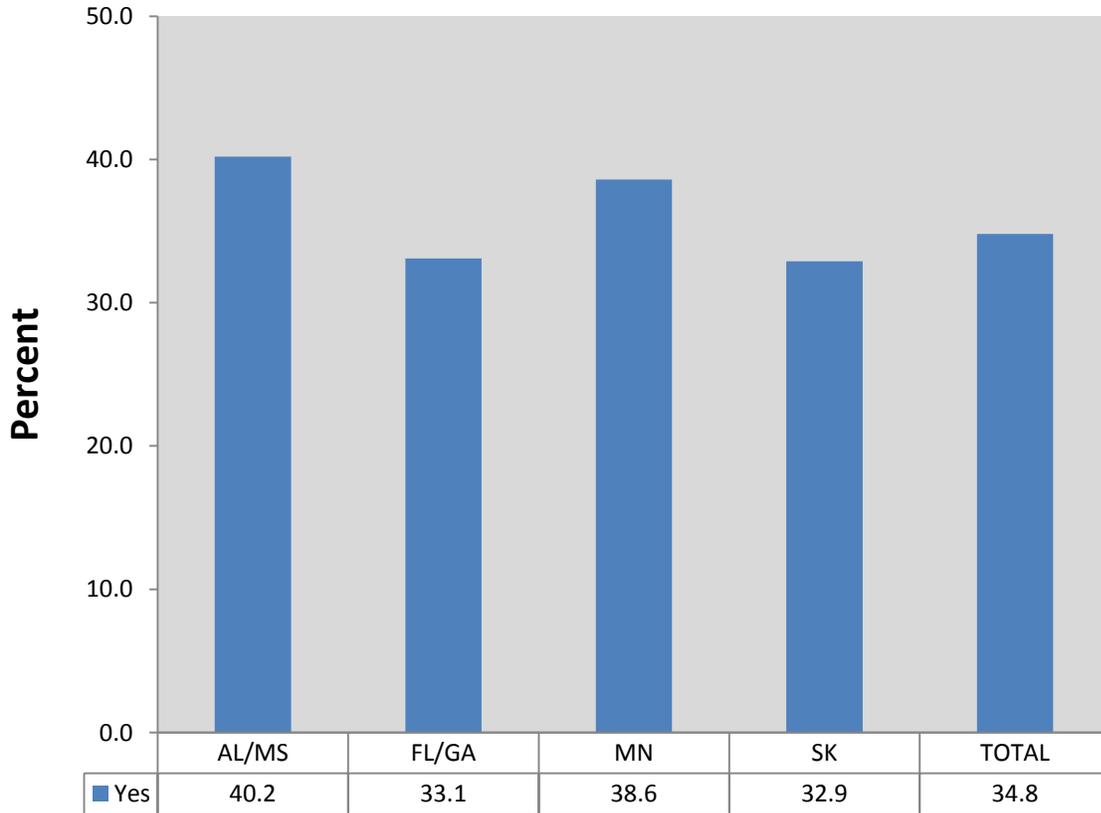
- Overall, approximately 49% of lesions were of a yellow/light brown color and 35% were dark brown/black color; fewer were lighter in color.

NOTE: Because PDA only had one response for this question, their data is not reflected in the graph.

6. When you used a dental explorer, did you experience roughness of the enamel surface upon light exploration?

- a. Yes
- b. No

Question 6: Roughness when using dental explorer



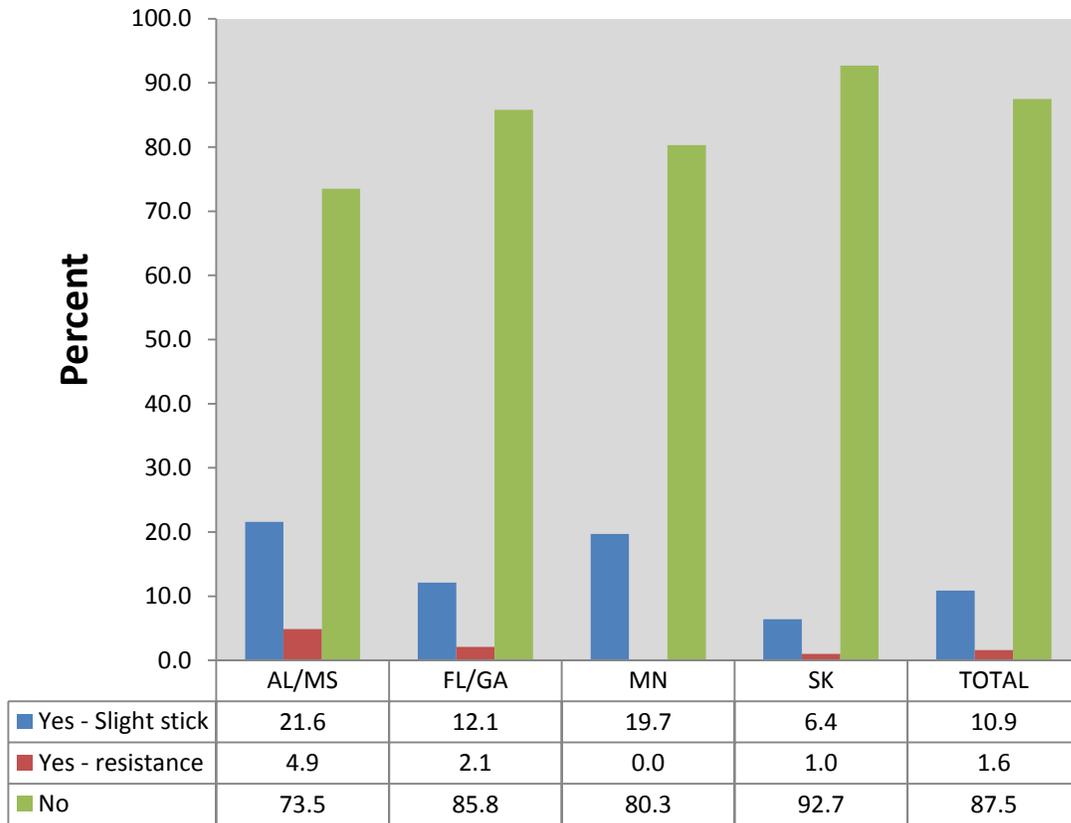
- When using the dental explorer, practitioners experienced roughness on about 35% of lesions.

NOTE: Because PDA only had one response for this question, their data is not reflected in the graph.

7. When you used a dental explorer, did you experience retention of the explorer in a groove or fissure?

- a. Yes-Slight stick
- b. Yes-Resistance to removal
- c. No

Question 7: Retention when using dental explorer



- When using the dental explorer, practitioners experienced slight retention on less than 11% and resistance on less than 2%.

NOTE: Because PDA only had one response for this question, their data is not reflected in the graph.

8. Sealant rating: rate the sealant as “Acceptable” or “Repair or Replace”

a. Acceptable-No further clinical action is needed, please indicate if you adjusted the sealant

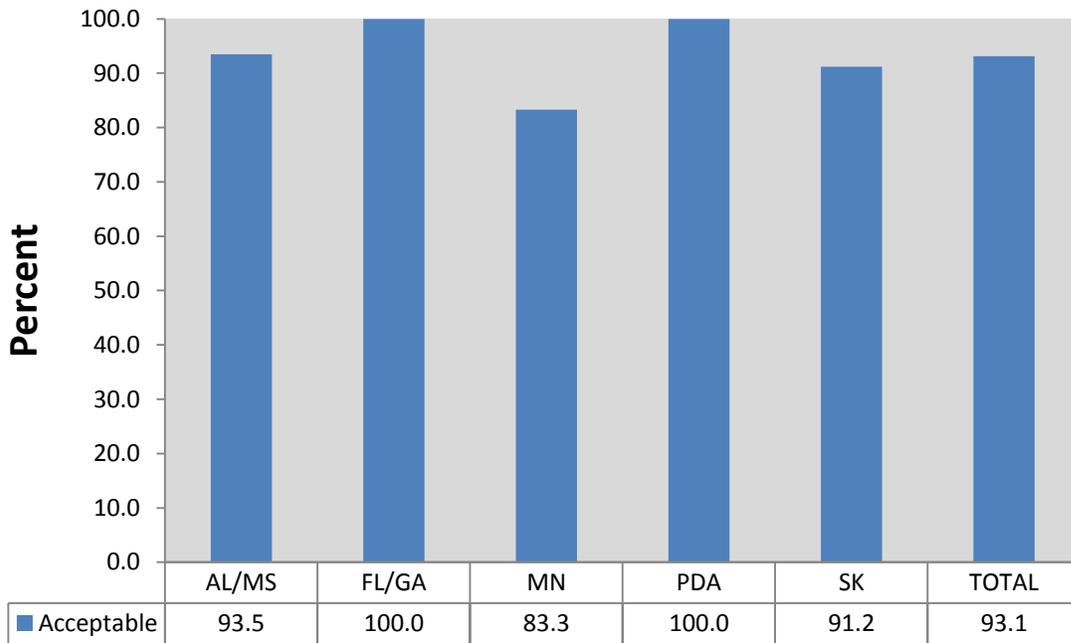
Did you grind or adjust to improve the sealant today?

A Yes

B No

b. Repair or replace-Clinical action is needed

Question 8: Sealant rating



- The sealant was rated as acceptable for 93% of lesions.

10. Restoration: rate the restoration as “Acceptable” or “Repair or Replace”

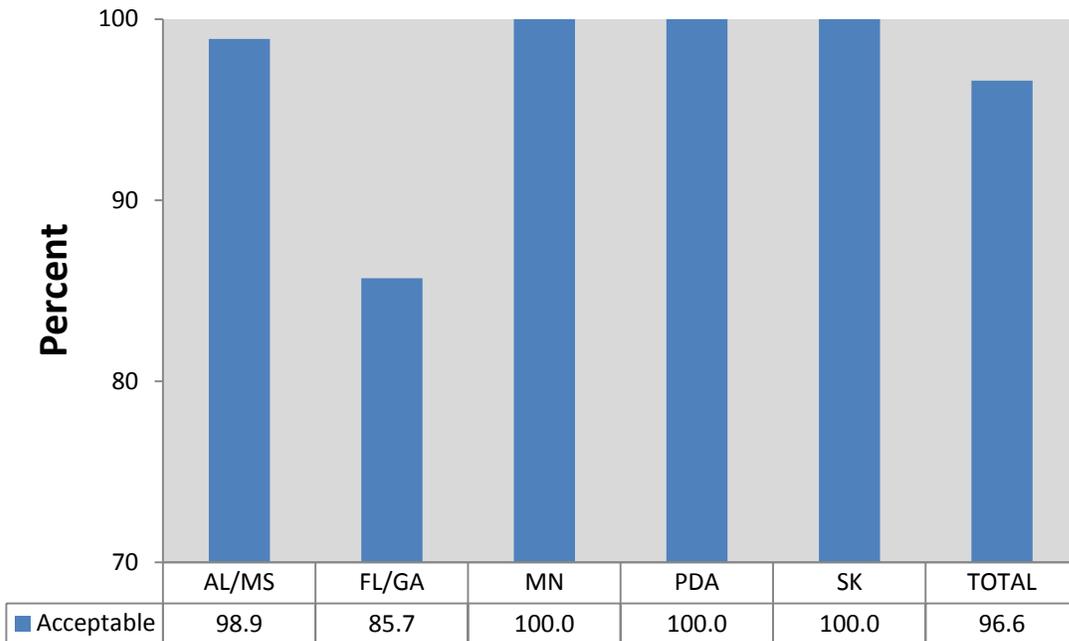
- a. Acceptable-No further clinical action is needed, please indicate if you adjusted the restoration

Did you grind or adjust to improve the restoration today?

- A Yes B No

- b. Repair or replace-Clinical action is needed

Question 10: Restoration rating



- Overall, about 97% of restorations were acceptable.