

## Accepted Manuscript

Title: The Effects of Fluoride, Strontium, Theobromine and their Combinations on Caries Lesion Rehardening and Fluoridation

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PII: S0003-9969(17)30132-2  
DOI: <http://dx.doi.org/doi:10.1016/j.archoralbio.2017.04.022>  
Reference: AOB 3866

To appear in: *Archives of Oral Biology*

Received date: 2-11-2016  
Revised date: 17-2-2017  
Accepted date: 17-4-2017

Please cite this article as: Lippert Frank. The Effects of Fluoride, Strontium, Theobromine and their Combinations on Caries Lesion Rehardening and Fluoridation. *Archives of Oral Biology* <http://dx.doi.org/10.1016/j.archoralbio.2017.04.022>

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The Effects of Fluoride, Strontium, Theobromine and their Combinations on Caries Lesion  
Rehardening and Fluoridation

Running Title: F, Sr and theobromine effects on lesions

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### Highlights

- Strontium enhances caries lesion rehardening, but only in the presence of fluoride.
- Theobromine does not provide anti-caries benefits under the chosen conditions.
- No synergistic effects were found between strontium and theobromine.

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