

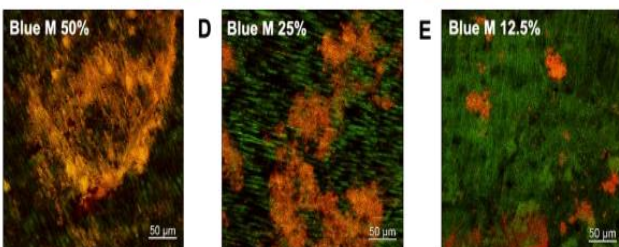
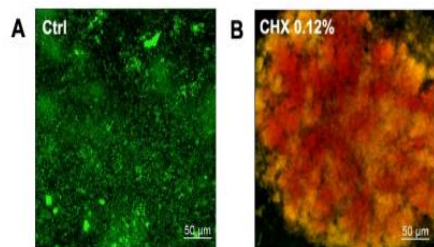
"Flowing Forward: The New Wave of Irrigation Technique"

Introduction: An oxygenating product, Blue[®]M used for root canal irrigation and has antimicrobial property.

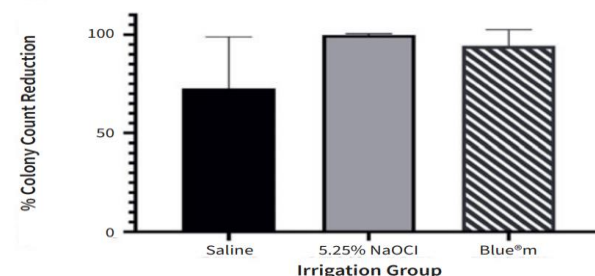
Mechanism of action: Oxygen fluid
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 Nacent oxygen
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 Sodium perborate
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 Sodium borate and hydrogen peroxide
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 Kill pathogenic bacteria



Composition:
 Sodium perborate
 Xylitol
 Methyl salicylate
 Lactoferrin



Advantages:
 Less cytotoxic effect
 Antimicrobial efficacy
 Boost activation of ultrasonic energy



Disadvantages:
 Not as effective as NaOCL
 Expensive
 Not easily available

Potential application of Blue[®]M in endodontics : As an irrigant ,Remineralization, As a whitening agent

References:



Future prospects: Potential benefits of combining Blue[®]M with less cytotoxic concentration of NaOCL against enterococcus faecalis