

Exploring Dessication Therapy

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Perio DT and Hybenx

- As you can see, both are similar products, just different manufacturers
- Currently the only two products available



Objectives



Identify what patient conditions would benefit from desiccation therapy.



Verbalize the process of applying PerioDT or Hybnex.



Discuss the benefits of desiccation therapy for patients.



Create verbiage to explain desiccation therapy to patients for case acceptance.



Display willingness to incorporate new therapies into practice.

Who is desiccation therapy for?

- ▶ Bulbous
- ▶ Edematous
- ▶ Moderate calculus
- ▶ Bleeding on probing
- ▶ Burnished calculus





Periimplantitis/mucocitis

Demonstration and trial



How to apply

- ❖ Select site
- ❖ Isolate
- ❖ Dry area
- ❖ Dispense product subgingivally and supragingivally

Application continued



- ▶ Allow the product to sit for 10-30 seconds (blanching will be observed)
- ▶ Remove product with HVE
- ▶ Rinse thoroughly
- ▶ Complete treatment
- ▶ Reapply subgingivally 10-30 seconds
- ▶ Rinse thoroughly

Enhancing the AAP guidelines on NSPT

Per the AAP, Non-surgical Periodontal Therapy is the Gold Standard of care prior to surgical intervention. Studies have shown greater result with additional adjunctive therapies such as

- Arestin (local delivery of antibiotics)
- Diode laser
- Subgingival irrigation
- Desiccation therapy

A studies results in probe depth reduction

Parameter	T0	T1	T0 vS T1	T3	T0 vS T3	T6	T0 vS T6	Empty Cell
Empty Cell	$\pm P$	Empty Cell	$\pm P$	Empty Cell	$\pm P$	Empty Cell	Empty Cell	Empty Cell
PPD								
SRP	7.50 ± 0.51	6.83 ± 0.66	0.000	6.72 ± 0.71	0.000	6.67 ± 0.75	0.000	
SRPX	7.47 ± 0.50	6.14 ± 0.73	0.000	6.02 ± 0.61	0.000	5.9 ± 0.59	0.000	
Intergroup	$*P = 0.621$	$*P < 0.001$		$*P < 0.001$		$*P < 0.001$		

What
motivates
patients to
accept
treatment?

Identify individualized benefits

Provide anecdotal experiences

Foster positive comes

Provide literature, if possible

Define goals for periodontal health

Identify adjuncts to achieve goals

Stay current with research

How do you find out about new products?

- ❖ Product reps
- ❖ Online
- ❖ Colleagues
- ❖ CE courses
- ❖ Patients asking about products



Summary

- ▶ Kill bacteria on contact in areas we cannot reach
- ▶ Easy to apply
- ▶ Great result for patients
- ▶ Leading new adjunct
- ▶ Simple to incorporate into appointments



References

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