



TECHNICAL SERVICES NUTRITION & ENZYME THERAPY

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Rosacea

DESCRIPTION

A chronic form of acne seen in adults of all ages, it is characterized by redness, pimples, and, in advanced stages, thickened skin. Rosacea usually affects the nose, forehead, and cheeks.

SIGNS/SYMPTOMS

It is associated with telangiectasia (dilation of blood vessels under the skin), especially of the nose, forehead, and cheeks. Skin around each pustule is a rosy red. Frequent flushing that is often accompanied by a burning sensation may occur, particularly after using cosmetics. Sometimes the skin slightly swells and feels warm. Persistent redness, papules (pink bumps), and pustules (bumps containing pus) on the skin develop from inflammation which can also create sensitivity in the eye. Thickening of the skin on the forehead, chin, cheeks, and other areas may also develop.

ETIOLOGY

Rosacea is a form of acne that most often occurs in persons over 25 years of age. Factors reported to aggravate the condition include emotional stress, extremely hot or cold temperatures, hot or spicy foods, alcohol consumption, menopause, and long-term use of topical steroids.

RATIONALE

Although this condition may seem resistant to conventional treatments, the latest research has shown a correlation between the role of free oxygen radical formation and rosaceans. Enzymes, particularly protease, play an essential role in hydrolyzing oxidized proteins and mediating free oxygen radical formation. However, in times of high metabolic demands, free oxygen radicals increase through the pathophysiology known as oxidative stress. This impedes the ability of enzymes to protect the skin against these free oxygen species. Hence, supplementation and increased antioxidant activity can aid and prove beneficial in supporting the body's processes. Additionally, optimal nutrient availability and absorption will provide components to support healthy tissue growth.

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Disclaimer: Transformation Enzyme Corp. neither diagnoses nor treats disease. Our goal is to make nutritional recommendations that assist individuals to find a healthy balance. If you have specific questions or for technical assistance, please contact us.

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PROTOCOL (for Rosacea)

Option I		
Product	Dose	Frequency
TPP Digest	1-2 caps	With every meal or snack
TPP Protease	2 caps	3xday between meals
TPP Inflammatory Control	2 caps	3xday between meals
TPP Probiotic	1-2 caps	At bedtime
Option II		
Product	Dose	Frequency
DigestZyme	3 caps	With every meal or snack
PureZyme	3 caps	3xday between meals
TPP Inflammatory Control	2 caps	3xday between meals
Plantadophilus	3 caps	At bedtime
Support products may be added as needed		
Product	Dose	Frequency
TPP Antioxidant	2 caps	2-3xday
RepairZyme	2 caps	3xday as needed for breakouts
TPP Lypo	2 caps	2xday, mid-morning and mid-afternoon
Vitamin C	1 tsp	Daily

*The above suggestions are intended as a basic guideline. It is always important to address the patient's diet, exercise, and lifestyle on an individual basis and according to body type. Support products may be added as needed based on the patient's condition. Enzyme therapy can and often should be used in conjunction with other therapies.

REFERENCES

"Nutrient Acquisition - The Foundation of Wellness"

(*Dr. M's Science Notes*, volume 1)

"Cellular Injury, part 2: Inflammation Control and Oral Enzymes"

(*Dr. M's Science Notes*, volume 12)

*This statement has not been evaluated by the FDA. These products are not intended to diagnose, treat, cure, or prevent any disease. These protocols are intended for health care professional use only.