# Radiant Hair, Skin, & Nails

External beauty mirrors internal health; those seeking healthier-looking hair, skin, and nails must nourish their bodies within for outer radiance. <sup>1,2</sup> Certain vitamins, minerals, phytonutrients, and botanicals must be obtained from diet or supplementation to help support normal collagen production and healthy cellular regeneration. <sup>3–8</sup> Maintaining an optimal intake of these nutrients supports strength, elasticity, texture, and color of hair, skin, and nails. \*Ongoing inflammation and oxidative stress caused by poor diet or other environmental impacts are key factors associated with various skin-related conditions (i.e., psoriasis, acne, eczema) and the undesirable effects of the natural aging process like wrinkles, fine lines, and discoloration. <sup>4,9–11</sup> Consequently, targeted nutrients that promote antioxidant status and healthy inflammatory responses may be clinically beneficial for those seeking vibrant-looking skin. \*Lastly, essential nutrients, such as omega-3 fatty acids, vitamin C, and vitamin E tocotrienols, promote skin barrier function and may prevent age-related skin changes associated with intrinsic aging and extrinsic factors, such as UV and other environmental stressors. <sup>4,12–19</sup>

## **DIET AND LIFESTYLE CONSIDERATIONS**

- Recommend a nutrient-dense, whole-food diet. Suggest antioxidant- and polyphenol-rich foods, such as spices, fruits, vegetables, beans, and legumes.<sup>20,21</sup> Encourage optimal intake of omega-3 fatty acids, such as cold-water fatty fish, while avoiding excess intake of omega-6 fatty acids.<sup>12–14</sup> An essential fatty acids test is recommended to optimize the omega-3/omega-6 ratio and manage healthy inflammatory responses.
- Recommend limiting or avoiding alcohol, tobacco, refined sugars, and high-carbohydrate foods.<sup>20</sup>

- Consume at least 64 oz of water daily to help promote skin hydration and tissue function.<sup>20,22,23</sup>
- Maintain healthy sleep hygiene, as inadequate duration or quality of sleep can alter normal skin repair processes, barrier function, and texture.<sup>24–26</sup>
- Encourage stress-reduction techniques. Excess cortisol upregulates collagen breakdown and may affect the function and regulation of hair follicles.<sup>27,28</sup>









#### The Big Glow™

**Dose:** 2 capsules per day with a meal **Duration:** 12 weeks: re-assess

Description: The Big Glow™ is a unique blend of vitamins, keratin, and botanicals for normal cellular repair and maintaining moisture, strength, and elasticity for hair, skin, and nails.\* The formulation is designed to promote collagen production, support normal inflammatory responses, and provide antioxidative support for healthy skin appearance.\*

#### The Foundation of You™

**Dose:** 4 capsules per day with meals (divided dosing recommended)

Duration: 12 weeks; re-assess

Description: Delivers a comprehensive, foundational multivitamin/mineral for overall physiology.\* Features antioxidant support to attenuate the adverse effects of oxidative stress on the skin.\* Features nutrients that promote skin complexion and cellular repair, supporting the skin's firmness, hydration, and elasticity.\* Delivers vitamins that support nail strength and hair follicle support.\*

**Warnings:** If taking a blood thinning medication, consult a health-care practitioner before use.

## Beyond Brilliance™

**Dose:** 6 g (approx. 1 scoop) in 8 oz of liquid per day

**Duration:** 12 weeks; re-assess

Description: A once-daily powder that revitalizes skin and nails while promoting hair strength and fullness.\* Features hydrolyzed collagen peptides and Lustriva®, a patented, clinically researched blend of stabilized biotin and silica, which may promote hair fullness, optimal skin texture, and nail strength.\*

**Warnings:** High doses of biotin (>5 mg/day) may interfere with certain lab tests that involve immunoassays, particularly in endocrine-related profiles. <sup>29</sup> Individuals should stop biotin supplementation for at least 3 days prior to the blood draw.

### Calm the Storm™

Dose: 2 softgels per day with a meal

Duration: 12 weeks; re-assess

Description: A high-potency omega-3 fatty acids formula in a balanced 1:1 ratio of EPA to DHA. This formula promotes normal inflammatory responses and helps to maintain the skin's natural oil barrier, helping to keep the skin hydrated.\* Omega-3s may also offer some protection against sun-induced or UV skin damage and may promote skin elasticity associated with a more youthful complex.\*

**Warning:** Consult your health-care practitioner before use if you are taking blood thinner medication or if you are planning to have surgery.

https://www.designsforhealth.com/api/library-assets/literature-reference---dfbphairskinandnails-protocol-references

Lustriva®, including the Lustriva logo, is a registered trademark of Nutrition21, LLC. Lustriva® is patent protected.

Dosing recommendations are given for typical use based on an average 150 pound healthy adult. Healthcare practitioners are encouraged to use clinical judgement with case-specific dosing based on intended goals, subject body weight, medical history, and concomitant medication and supplement usage.