



# Galvanic Current

A PAIN-FREE HOME USE PRODUCT  
THAT BENEFITS PATIENTS' POST-  
OFFICE TREATMENT

By Brittany Harris

Aestheticians have been using galvanic current as part of their facial treatments for over 70 years. Galvanic treatments give the skin a direct current that allows electrons to flow in the same direction continuously. It is a non-invasive method of propelling high concentrations of a charged substance deeper into the dermis of the skin, boosting the penetration of products, vitamins, and essential oils applied topically which maximizes their performance. When these substances are delivered down into the dermis of your skin, it stimulates collagen and elastin, reduces age spots, and helps to soften the keratin and sebum in your skin, allowing for the removal of blackheads and congestion while also helping to even out your skin tone.

Cells are made up of positive and negative charges. When using a galvanic type

treatment, you will be able to temporarily tell the cells in the treated area to accept or repel products with a certain charge. This is important because when all cells have a similar charge, they will attract the same things - important things either from your body or skin care products that your cells will need to function optimally.

To make sure the skin continues to function ideally

how our skin ages. There are many misconceptions from patients who do not understand why they have wrinkles if they were never out in the sun for extensive periods, or patients who do not understand why their parents have perfect skin and they do not.

## FACTORS OF AGING

These two factors that contribute to aging skin are Intrinsic and Extrinsic factors.

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throughout a patient's lifetime, we need to know about the two concepts or factors that determine

Intrinsic aging is a result of genetics and oxidation and causes a loss of collagen and elastin, as well as a

decreased barrier function of the stratum corneum which is important in preventing wrinkles and UVA damage while maintaining moisture.

Intrinsic aging is inevitable to some extent, but the outcome can be determined by the level of treatment and amount of care you give your skin. It is not entirely up to you when your skin will start to lose elasticity and reduce its natural protection; however, make sure you give your skin the proper

loss of skin tone and elasticity of the skin. This type of age-related damage is much more controllable; and results will vary greatly between someone who takes good care of his or her skin with the proper moisture, nutrition, and protection and a person who neglects to supply his or her skin with what it needs. Extrinsic aging also includes damage from the sun that can lead to different types of skin cancer and skin lesions.

applied serums and creams will properly penetrate the stratum corneum. The use of an at-home Galvanic system will create a positive flow that allows you to transfer or penetrate ions of an applied solution into the deeper layers of the skin. By using a galvanic device for treatment once or twice a day, most people will notice an increase in firmness within a few weeks and will also see a drastic reduction in the appearance of fine lines, dryness, puffiness, and dark circles.

A very low voltage system is appropriate for home use because it allows for a pain-free process and can be used in the areas around your eyes, nose, and mouth that are typically off limits to more powerful galvanic systems. Although some home treatments are lower voltage, this does not mean they are less effective; conversely, they often perform better because of their ability to reach sensitive and awkward areas where wrinkles typically first begin to form.

*To make sure the skin continues to function ideally through a patient's lifetime, we need to know about the two concepts or factors that determine how our skin ages.*

nutrition and care so that it can work naturally to resist intrinsic aging. Those who do take the proper steps will find they have healthier skin for a longer period of time than someone who does not take care of his or her skin properly or at all.

Extrinsic aging results from exposure to the sun and environmental elements and includes epidermal atrophy, or skin thinning; solar elastosis, or loss of elasticity on sun-exposed skin; pigmentary irregularities; and the development of actinic keratoses, which are scaly or crusty elevations on the skin. The damage caused from environmental factors will act as a catalyst and can lead to your skin aging more quickly with the promotion of wrinkles, fine lines, age spots from sun damage, and

## PRODUCT PENETRATION

When working to fight these age factors, it is important to note that even though many products claim to have great performance, you can expect that usually less than 5% of topically



## LOW VOLTAGE HOME-USE OPTION

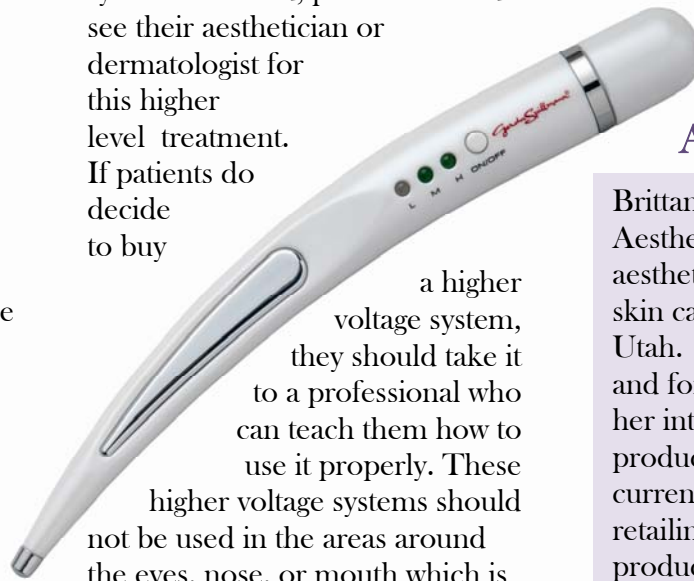
The Galvanic pen is a cost-effective, low voltage system that is ultra portable and runs on a small battery which never needs to be plugged in. It also allows for very detailed treatment around your eyes, nose, and mouth for which the larger, higher voltage units are not designed. It has three settings, from low to high, depending on your skin type and maturity. It indicates it is working through a quiet beeping noise

as you move the pen around your face.

This pen will not leave the metallic taste in your mouth that some people experience with higher voltage systems, particularly for a patient who has fillings. It is also FDA cleared for home use and is patented. Patients can purchase this device knowing that they are getting a quality product that delivers a nice result. In addition to reducing wrinkles, it also works great in conjunction with the proper products to lighten age spots, reduce Rosacea, help relieve eczema, aid in clearing up acne, reduce pore size, minimize any red appearance, aid in reducing inflammation, and help for better penetration of advanced skin care products into the skin.

## HIGHER VOLTAGE SYSTEMS

When a higher voltage system is wanted, patients should see their aesthetician or dermatologist for this higher level treatment. If patients do decide to buy



a higher voltage system, they should take it to a professional who can teach them how to use it properly. These higher voltage systems should not be used in the areas around the eyes, nose, or mouth which is why the Galvanic pen is a wonderful alternative.

We cannot stop aging, but we can directly affect how healthy

our skin is with age. The healthier our skin is, the better it fights the aging process!

anti-aging

## About the Author

Brittany Harris is a Master Aesthetician who started her aesthetic career working in the skin care industry in Park City, Utah. Her passion for selling and for skin care products led her into a career in sales and product development. She currently manages an online retailing consulting team and product development for Gerda Spillmann Swiss Skin Care & Cosmetics.

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