

# Tensage Intensive Ampoules In-Depth the Natural Growth Factor SCA

When most people hear the words "growth factor" they think of muscle bound athletes and the controversies surrounding their use of HGH. Those in the know understand that there are **many different types of growth factors** and their use varies, particularly in skin care.

The use of growth factors in skin care has been studied for many years, perhaps most notably following the **Chernobyl incident** where patients with **radiodermatitis showed rapid recovery with topical growth factors**. Many different types of growth factors have been discovered over the years, **human growth factors, epidermal growth factors, fibroblast growth factors and plant growth factors**, just to name a few.



As with any topical therapy, **penetration** has proven to be the **key** to determining a product's **efficacy**. One unique growth factor, SCA Biorepair Technology, has been found with an origin that is **designed by nature** to be topically applied and effective. SCA is an acronym for **Secretion of the Cryptomphalus Aspersa**, a species of snail that's been around for over 500 million years...

The key to the snail's longevity comes from its ability to produce an unusual defense mechanism that protects against photodamage and other assaults on the skin; it produces a **secretion**, we call SCA, of **biologically active glycoprotein that stimulates biochemical structural and functional processes to regenerate damaged tissue**. Not internally, cell to cell, but on and through the skin. This secretion is so powerful it has enabled the snail to **survive millions of years** and periods of extreme trauma (such as cold, heat, dryness, chemical change and UV irradiation).

When scientists observed this phenomenon they decided to harness its **power (no snails are harmed in this process)**. SCA was first used to treat **patients suffering from radiodermatitis following the Chernobyl nuclear disaster [1986]** and subsequently used to regenerate skin damaged by **radiation therapy**. SCA showed excellent results in even the most acute conditions. Further studies demonstrated the efficacy of SCA in regenerating skin damaged by UV radiation (photodamage), **dermatological techniques** (peelings, laser, etc.) and **topical and oral retinoids**. For over 20 years, SCA's regenerative properties have been used in Europe to provide treatment options for radiodermatitis.



Santos, M et al "Clinical Efficacy of Radiocare (Cryptomphalus aspersa) in the prevention and Treatment of Acute Radiodermatitis" Poster presentation [www.alateit.com/skin-benefits/](http://www.alateit.com/skin-benefits/) Accessed December 3, 2009.

As with other growth factors, **effectiveness in wound healing translates directly to effective skin rejuvenation**. No other growth factor - human or other - is generated specifically to be absorbed through the skin. SCA Biorepair Technology is found exclusively in the Tensage product line.

**Tensage**, with patented SCA Biorepair Technology, regenerates and heals skin that has been damaged by photoaging or dermatologic treatments. The Tensage Intensive Ampoules kick-start the Tensage regimen, **delivering visual patient improvement in as little as 7 days**.



The patient used a daily regimen of Tensage which included twice daily use of the Tensage Intensive Ampoule treatments and the Tensage Advanced Cream for 45 days. The patient also used a non-treatment cleanser and sunscreen daily.  
Photos courtesy of Dr. Teik Maackie, Solopis Ranch Dermatology and Cosmetic Center, presented at THE Aesthetic Show, May 2010

Tensage stimulates fibroblast proliferation, providing the structure needed to assemble the extracellular matrix. The extracellular matrix provides the structure for:

- Collagen deposition
- Hyaluronic acid density
- Elastin integrity

In addition, SCA delivers superior antioxidant benefits. SCA captures the most aggressive free radicals (OH, O<sub>2</sub>) neutralizing them for a longer period. Thanks to its regenerating and antioxidant properties, SCA helps the skin avoid cell degradation and decrease the main signs of photoaging.

Your patients will see:

- Dramatic reduction in the appearance of fine xxxlines
- Significant reduction in their brown spots
- Dramatic reduction in the appearance of deep xxxwrinkles
- Reduction in their skin's sallowness
- Improvement in their skin's texture and tone

In addition to **SCA**'s effective use in skin rejuvenation, it also plays an important role in therapeutic repair from cosmetic treatments such as laser -IPL, cryotherapy, chemical peeling, and fillers.

**SCAs** mechanism in cosmetic procedures includes: · Oxygenation of the skin (transformation of x xxiiiiprocollagen to collagen)

- Antioxidant activity
- Intense remodelling of extracelular matrix
- Soothing and anti-inflammatory activity

**SCAs** benefits include:

- Reduction in erythema, burning and itching
- Faster Recovery
- Enhanced and maintained final result

The technology and benefits of **SCA** are compelling. Now let's learn more about the products.

**Tensage** is a comprehensive collection of products that includes Tensage Intensive Ampoules SCA 40, Soothing Cream SCA 3, Firming Cream SCA 4, Advanced Cream SCA 6, Eye Contour Cream SCA 8 and Body Care Lotion SCA 4. Today, we're going to take an **IN-DEPTH** look at **Tensage Intensive Ampoules**.



Tensage Intensive Ampoules provide the highest strength of the unique **SCA Biorepair Technology**, a level **40 Repair Index**. This intensive treatment **gives patients visible results** that keep them coming back for more.

You all have patients who are looking for natural, **cutting edge skin care technology**; this is the perfect go-to product for them. This **smooth serum**, in **unit dose ampoules**, is easily absorbed and regenerates the skin delivering enhanced suppleness and smoothness and provides an improved luster after use.

Tensage Intensive Ampoules are an integral part of a comprehensive skin care regimen. They "kick-start" the program by delivering the **highest level, 40 Repair Index**, of **SCA** available.

Tensage Intensive Ampoules are perfect for your patients looking for effective skin rejuvenation with almost **instant gratification**, patients who want **quick and effective repair** of sundamaged skin and patients who are having therapeutic treatments and **want to heal quickly**.



We have suggested regimens for all of these patients as follows. For those of you who already have designated regimens, consider adding the benefits of SCA technology and Tensage Intensive Ampoules to your current protocols.

### **REJUVENATION/SUNDAMAGED SKIN regimens**

There are many ways to customize the Tensage Intensive Ampoule Regimen to fit your patients' rejuvenation needs. Here are a few of our suggested regimens:

#### **Standard Ampoule Rejuvenation Regimen**

Everyone can benefit from the **Standard Ampoule Regimen**; it's an easy-to-use monthly treatment. With one packet of 10 ampoules, your patient would use **one ampoule daily for seven days**, followed by **one ampoule weekly** for the remaining 3 weeks. This is the ideal regimen for your **patients with some photo-damage**.

The **Standard Ampoule Regimen** can be repeated monthly until your patient's desired results are achieved. Your patient