

## THE ENZYME ADVANTAGE

Caterpillars and  
Soybeans vs Biofilm  
and Blood Clots (p. 3-4)

## FORMING THE FUTURE

Healing Chronic  
Wounds with Nutrient-  
Rich Technology (p. 7-8)

# AIDA

# QUARTERLY



#04

QUARTER 03 ISSUE | 2025



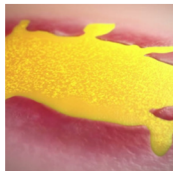






## THIS QUARTER'S UPDATES ON WHAT'S **HOT** IN HEALTHCARE

### ➔ Forming the Future



Omeza is revolutionizing wound care with its innovative, omega-rich

technology that accelerates healing, reduces infection risk, and transforms outcomes for even the most challenging wounds. (p.7-8)

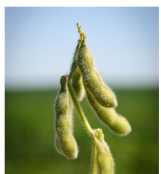
### ➔ MD Spotlight - Dr. Steven Hacker



*Physicians That  
Are Changing  
Medicine -  
Quarter 03 2025*

Board-certified dermatologist, author, and innovator known for his expertise in medical, surgical, and cosmetic dermatology, as well as his contributions to advancing patient care and skin health. (p.6)

### ➔ The Enzyme Advantage



Breaking Down Biofilm with Dual Enzymes – Harnessing two powerful enzymes to disrupt biofilm

and enhance wound healing. An innovative approach that improves treatment effectiveness and promotes faster, healthier tissue recovery. (p. 3-4)



## SPICING THINGS UP WITH NUFABRX

Source: [nufabrx.com](https://nufabrx.com)

**Nufabrx** compression sleeves embed capsaicin—a clinically proven topical analgesic found in chili peppers—directly into their fabric. When worn, they:

- Activate on skin contact to deliver targeted pain relief
- Combine compression with controlled medication release
- Provide up to 150 hours (15+ washes) of consistent dosing
- Avoid the mess of creams or the risks of opioids

These compression sleeves are ideal for:

- Arthritis, soreness, swelling, post-surgical pain, or muscle fatigue
- Pain in the ankle, knee, elbow, wrist, back, neck, and more

Nufabrx is made in America from nylon and spandex in clean-room environments. They contain no animal-derived materials and offer a safe, inclusive, and opioid-free pain-management option.

Scan the code to access a testimonial  
from Kent Ellington, MD at OrthoCarolina



# ATTENTION HOSPITALS: BE THE **HERO** IN YOUR NFL CITY



TO SUPPORT THIS NATIONWIDE EFFORT, CG MONETA CONSULTING AND ADHC UNDERPAYMENTS INC. ARE INVITING **ONE HOSPITAL IN EACH NFL CITY** TO BECOME A **SUPER BASKETS OF HOPE 2026 PARTNER HOSPITAL**.

AS A PARTNER, YOUR HOSPITAL WILL RECEIVE A COMPLIMENTARY UNDERPAYMENTS FORENSIC AUDIT, POWERED BY ADHC UNDERPAYMENTS — A **SOPHISTICATED** AUDIT SOLUTION THAT IDENTIFIES MISSED AND UNDERPAID INSURANCE CLAIMS, OFTEN RESULTING IN MILLIONS IN RECOVERED REVENUE.

YOUR HOSPITAL KEEPS **100%** OF THE REVENUE RECOVERED.

MEANWHILE, CG MONETA CONSULTING AND ADHC UNDERPAYMENTS INC. DONATE DIRECTLY TO BASKETS OF HOPE TO FUND THE DELIVERY OF SUPER BASKETS TO CHILDREN IN **ALL 32 NFL FRANCHISE CITIES**.

## PARTNER HOSPITAL BENEFITS:

- 🔍 ADVANCED FORENSIC AUDIT AT NO COST
- 💰 SIGNIFICANT REVENUE RECOVERY — ALL RETAINED BY YOUR HOSPITAL
- ✅ IMPROVED BILLING ACCURACY AND COMPLIANCE
- 🎁 PORTION OF VENDOR FEES DONATED TO BASKET OF HOPE
- 😊 **DELIVER HOPE AND HAPPINESS TO CHILDREN IN YOUR COMMUNITY**

THIS IS A UNIQUE OPPORTUNITY TO BOOST YOUR HOSPITAL'S FINANCIAL STRENGTH WHILE HELPING FUND A LIFE-CHANGING INITIATIVE THAT BRINGS **SMILES, COMFORT, AND ENCOURAGEMENT** TO CHILDREN DURING **SUPER BOWL WEEK 2026**.





# The Enzyme Advantage

Breaking Down Biofilms and Improving Blood Flow with Caterpillars and Soybeans



03

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**Chronic infections often hide behind biofilms — a sticky fortress of proteins, fibrin, and sugars that shields bacteria from antibiotics and immune cells.**

**Two natural enzymes are being studied for their ability to help break this barrier:**

- **Serrapeptase** – breaks down proteins in the biofilm’s structure. Originally sourced from caterpillars.
- **Nattokinase** – dissolves fibrin strands that strengthen the biofilm’s “glue.” Sourced from fermented soybeans.

When the matrix is weakened, **immune cells and antibiotics can finally reach the bacteria, making treatments more effective.**

**Both enzymes also have fibrinolytic (“blood-thinning”) effects — they help break down excess fibrin in blood vessels. This has led researchers to explore whether they could one day serve as natural alternatives or adjuncts to standard anticoagulants, potentially benefiting chronic wound patients who suffer from impaired circulation.**

These enzymes may not be a replacement for antibiotics, **but they may become a valuable adjunct in fighting stubborn infections, improving blood flow, and supporting wound healing.**

#### References:

1. Tetz, G.V., & Tetz, V.V. (2010). Effect of proteolytic enzymes on biofilms of clinically important microorganisms. *J Hosp Infect*, 76(4), 344–349. <https://doi.org/10.1016/j.jhin.2010.07.004>
2. Matsushita, O., et al. (1998). Fibrinolytic activity of nattokinase from *Bacillus subtilis*. *J Biochem*, 124(1), 157–162. <https://doi.org/10.1093/oxfordjournals.jbchem.a022084>
3. Kennedy, J., et al. (2016). Biofilm susceptibility to enzymatic treatments in wound care. *J Wound Care*, 25(3), 160–168. <https://doi.org/10.12968/jowc.2016.25.3.160>
4. Gupta, P., et al. (2018). Serratiopeptidase: A systematic review of the existing evidence. *Int J Surg*, 50, 36–46. <https://doi.org/10.1016/j.ijsu.2017.12.019>



1



2



3



4



# UNDER THE SCOPE

AMERX >

## TOTAL WOUND SOLUTIONS

AMERX Health Care is a trusted provider of advanced wound and skin care solutions, offering a comprehensive range of products designed to enhance patient outcomes. Their offerings include the AMERIGEL® line for skin hydration and protection, HELIX3® Bioactive Collagen for optimal healing, and AMERX® Wound Care Kits & Dressings for efficient at-home care. The EXTREMIT-EASE® Compression Garment (right) addresses lymphedema and venous insufficiency, while the ADVANTAGEN® Surgical Dressing supports post-operative recovery. With a commitment to quality and affordability, AMERX Health Care empowers healthcare providers to deliver effective care and improve patient quality of life.



Source: amerxhc.com

SMARTFAUCETS >

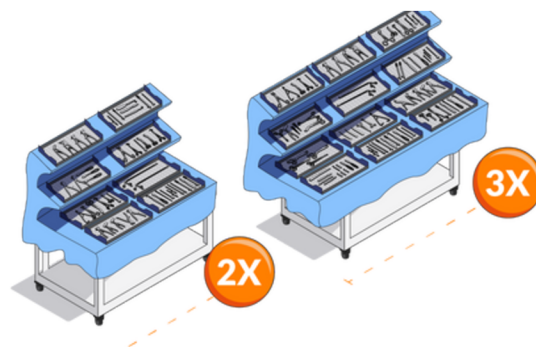
## SMART, SAFE, SUSTAINABLE



SmartFaucets is a motion-sensor smart touchpad that seamlessly retrofits onto existing sink faucets enhancing convenience and water savings while maintaining sanitary operation. It boasts a hydroelectric rechargeable battery—self-powered by water flow—to eliminate disposable batteries and reduce maintenance overhead. Field-tested by IAPMO to endure 550,000 uses (approximately 30 years at 50 uses per day), it delivers unmatched reliability and long-term cost savings. With patented touch-selectable temperature presets (65 °F, 80 °F, 95 °F, 110 °F) and an adjustable timer (defaulting at 5 seconds), it optimizes user comfort, hygiene, and water efficiency. Additionally, the AutoFlush feature automatically heats the water up to 140 °F after 72 hours of inactivity—an effective safeguard against Legionnaires' disease—while still protecting against scalding through controlled preset temperature limits.

Source: smartfaucets.net

Source: dinamicor.com



DINAMIC OR >

## OPTIMIZE OR EFFICIENCY

DinamicOR offers a comprehensive suite of surgical solutions designed to enhance operating room efficiency and safety. Their flagship Adjustable Back Table provides up to 92% instrument visibility and reduces tray movements by 88%, while the Durable Drape ensures a secure and organized setup. The DinamicOR+ Workflow Management App allows for customizable configurations, streamlining procedures and reducing turnover time by 33%. Together, these innovations create a more ergonomic and predictable OR environment.



# PHYSICIANS THAT ARE CHANGING MEDICINE

## Physician Spotlight - Dr. Steven Hacker, MD

Dr. Steven M. Hacker's medical career began early—he entered medical school at just 19 years old through the University of Florida's elite Junior Honors Medical Program. After training at the University of Michigan and serving as Chief Resident in dermatology at Shands Hospital, he launched Hacker Dermatology in Delray Beach in 1994. Since then, he has treated more than 30,000 skin cancers and earned recognition as a Castle Connolly Top Doctor for 25+ years.

*DR. HACKER IS ALSO A SEASONED ENTREPRENEUR, HAVING FOUNDED SKINSTORE.COM AND PASSPORTMD.COM, BOTH LATER ACQUIRED BY MAJOR CORPORATIONS.*



**DR. STEVEN HACKER, MD**



Sources: [hackerdermatology.com](http://hackerdermatology.com)

His latest invention, Lumohs, grew out of a simple but powerful idea: *build light directly into the scalpel handle.*

The patented device eliminates shadows, helping surgeons avoid critical nerves and vessels during delicate procedures.

The innovation is now reaching aesthetics as well, with the Lumohs Dermaplane recently nominated for "Best Innovation Product of 2025" by Les Nouvelles Esthétiques & Spa Magazine.

For a dermatologist devoted to saving skin and lives, Dr. Hacker's brightest legacy may be the light he's bringing into surgery.

# FORMING THE FUTURE

Introducing **OCM™**, Omeza Complete Matrix, a next-generation wound matrix that shapes to heal

**Omeza** is reimagining wound care with a simple, powerful idea—a wound modality that adapts to the patient, *not* the other way around.

Made from hydrolyzed fish peptides blended with cod liver oil, and natural waxes, **OCM™** arrives as a sterile, ready-to-use material with a Play-Doh-like consistency.

When applied, it responds to body heat, gradually softening and molding to the contours of the wound bed—*whether smooth and shallow or irregular and complex.*



Source: omeza.com

CASE  
STUDIES

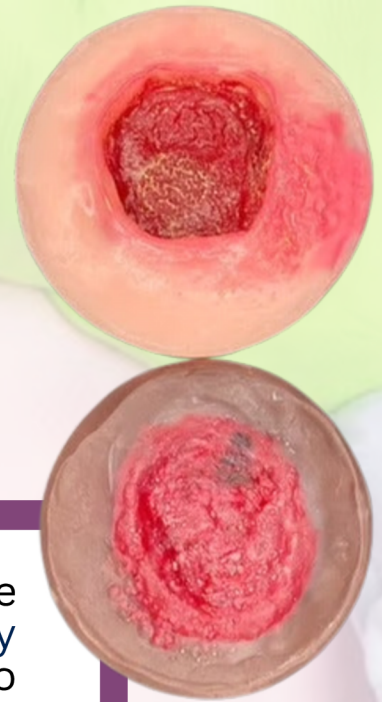
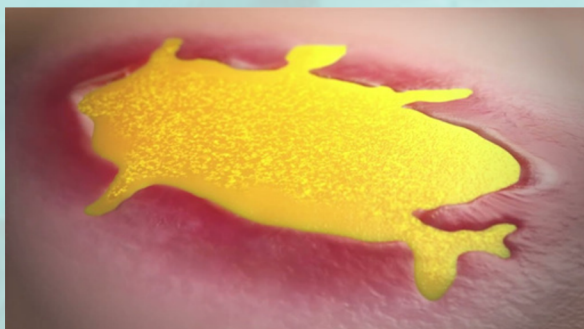




**Omeza Complete Matrix™ is an FDA-cleared drug-device combination that provides both structure and therapeutic activity.**

Omeza's carefully selected ingredients provide structural proteins, lipids, and essential fatty acids—the building blocks the body needs to carry out **its own repair** processes. This intimate contact helps fill voids, reduce dead space, and create the ideal environment for cell repair and preventive biofilm management.

***From diabetic ulcers to surgical sites, **OCM™** meets each wound exactly where it is—forming the future of personalized wound care.***





## An Evaluation of the Use of a Novel Microbicidal Liquid Polymer



“In this randomized controlled trial, the application of a novel microbicidal liquid polymer that forms an occlusive elastomeric film barrier when applied as part of a pin-tract care protocol on pin-sites led to a statistically significant reduction in pin-tract infections when compared to a group of undergoing standard pin-tract care without the application of the product.”

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## Perioperative Nutritional Optimization Clinical Research Review

“Utilizing targeted amino acid supplementation provides essential substrates for tissue repair during recovery with evidence-backed benefits in mitigating muscle loss, reducing complications, and improving overall outcomes.”



# SPINACH STUFFED SALMON

KETO MEAL  
OF THE  
QUARTER



**SERVES 4 PEOPLE**

## Ingredients

- 4 salmon fillets
- 1 cup fresh spinach, chopped
- 4 oz cream cheese, softened
- 1/2 cup shredded mozzarella cheese
- 1/4 teaspoon garlic powder
- Salt and pepper, to taste
- Olive oil, for drizzling



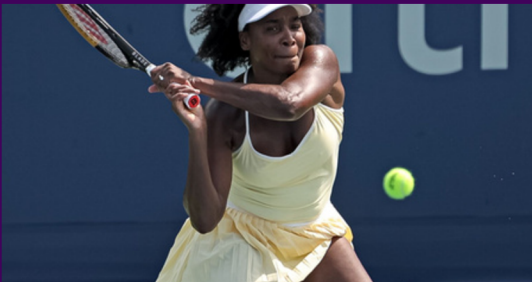
Source: mymoneycottage.com

## Instructions

1. Preheat your oven to 400°F (200°C).
2. In a bowl, mix the chopped spinach, cream cheese, mozzarella cheese, garlic powder, salt, and pepper until well combined.
3. Cut a pocket in each salmon fillet and stuff it with the spinach mixture.
4. Place the stuffed salmon fillets on a baking sheet lined with parchment paper and drizzle with olive oil.
5. Bake for 20-25 minutes, or until the salmon is cooked through and the cheese is bubbly.
6. Serve warm and enjoy!

# The Game Changers : a plant based revolution in sports

Organizations like the American College of Sports Medicine (ACSM) and the Academy of Nutrition and Dietetics state that a well-planned vegan diet can support peak athletic performance, including for professional athletes.



Many elite athletes publicly promote plant-based eating, showing it can support peak performance across very different sports:

- Novak Djokovic (Tennis) – adheres to a strict plant-based diet and credits it with stamina and mental clarity.
- Chris Paul (NBA) – producer of *The Game Changers*, outspoken about plant-based eating for recovery and performance.
- Alex Morgan (USWNT Soccer) – vegan, citing energy and endurance benefits.
- Venus Williams (Tennis) – adopted a raw vegan diet to help manage an autoimmune condition, while still competing at the highest level.
- Rocky Luedeker (Powerlifting) – vegan since the 1990s, holder of multiple World Natural Powerlifting Federation records, proving plant-based diets can fuel strength and power at the highest levels.





When *The Game Changers* premiered in 2018, it sent shockwaves through the worlds of sports, nutrition, and pop culture. Marketed as a groundbreaking documentary on plant-based eating, the film quickly became one of the most talked-about food documentaries in recent history—especially because of who was behind it and who appeared in it.

## The Core Message

At the heart of *The Game Changers* is a challenge to the long-standing belief that animal protein is essential for peak athletic performance. The film highlights elite athletes—ranging from Olympic cyclists to NFL linebackers—who attribute their endurance, strength, and recovery to a plant-based diet. Scientists and doctors in the film explain how plant foods provide:

- **Ample protein without the saturated fats of meat.**
- **Improved blood flow through better vascular health.**
- **Reduced inflammation, leading to faster recovery times.**
- **Long-term health benefits, including lower risks of heart disease and diabetes.**

## Why It Sparked Debate

The film was praised for raising awareness and inspiring viewers to rethink their diets, but it also drew criticism. Nutrition experts debated whether the science presented was oversimplified, with some arguing that the film glossed over the challenges of building a balanced plant-based diet for athletes. Still, the conversation it created around performance, protein, and plant-based eating was unprecedented.

## Lasting Impact

**Beyond the controversy, *The Game Changers* succeeded in mainstreaming a dialogue that had been mostly niche. Gyms, locker rooms, and training facilities around the world suddenly buzzed with questions: Could going vegan really make me better? Whether viewers walked away convinced or skeptical, the documentary made one thing clear – nutrition is as much a part of performance as training, and what we eat is open to reinvention.**

**AÍDA** QUARTERLY



# Are You Afraid of the Dark?

Dr. Hacker has  
invented his  
illuminated  
scalpel, the  
LUMOHS™ and  
this Fall, he  
plans to use it in  
what would be  
considered a  
dark, dark place  
by his peers



Follow the QR Code  
to learn more about  
Dr. Hacker's Lumohs





DEFENDER  
DEFENDER



# STEP UP YOUR SNEAKER GAME!

IN THIS CASE...  
OFFLOADING BOOT GAME











