



## WELCOME TO OUR MONTHLY NEWSLETTER

At Central Compounding Center South, we care about our patients and want to provide you with quality information about your health. If you ever have questions or would like more information, please feel free to ask. We look forward to caring for you and your family.

Sincerely,  
*Jennifer L. Burch, Pharm.D., CDE*

## Compounding for Wound Healing

Wound care is a specialty in which compounding pharmacists can play an important role. Our pharmacist can customize medications to help during all stages of wound healing that can improve circulation to the wound and speed healing while reducing pain, and fighting inflammation and infection. The benefit of compounding is that the treatment can be modified as the wound enters each stage of healing.



Wound healing is a multi-stage process:

- Homeostasis – This stage begins as soon as blood begins to flow, and clotting occurs.
- Inflammation – The injured blood vessels begin to swell. Inflammation controls bleeding and helps prevent infection. It becomes problematic when this stage is prolonged or excessive.
- Proliferation – The body begins to form new tissue consisting of collagen and the wound begins to retract.
- Maturation – The remodeling stage begins approximately 21 days after the injury and is when the new tissue becomes stronger.

Disruptions in the wound healing phases can lead to long-term problems. Our compounding pharmacist can work with patients and their practitioners to help prevent disruptions or address issues that result from disruptions in the healing process.

- Chronic wounds are wounds that have failed to heal in 4 weeks. Many factors can play a role in slow healing wounds, including age, nutritional deficiencies, infection, smoking, medications, and other diseases just to name a few.
- Excessive wound healing can lead to a build-up of new tissue which leads to scars

and keloids.

The International Journal of Pharmaceutical Compounding published a four-part series on Wound Care and included suggested formulations that can be compounded to heal various types of wounds at the different stages of healing. Compounding allows not only different medications to be used, but different combinations of medications, and innovative dosage forms and bases.

Medications can be chosen based on the wound healing stage and treatment needed. Some medications increase blood flow, provide pain relief, decrease inflammation, etc. Commonly compounded medications for wound healing include:

- Doxycycline
- Phenytoin
- Misoprostol
- Gabapentin
- Ketamine
- Sildenafil
- Naltrexone
- Insulin

People of all ages and medical conditions can benefit from customized wound preparations.

- Diabetic patients with foot ulcers.
- Hospice patients with persistent bed sores.
- Babies or children with persistent diaper rash.
- Patients with scars or keloids that cause them physical or emotional discomfort.

***Our pharmacist will be happy to work with patients and their physicians to compound a medication specifically to meet that individual's unique wound care or scar treatment needs.***

[Int J Pharm Compd. Mar-Apr 2021;25\(2\):100-103.](#)

[Int J Pharm Compd. Jul-Aug 2021;25\(4\):282-287.](#)

[Int J Pharm Compd. Sep-Oct 2021;25\(5\):372-377.](#)

[Int J Pharm Compd. Nov-Dec 2021;25\(6\):468-472.](#)

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## PLEASE NOTE: CURBSIDE PICKUP

Please remember, we have curbside pick-up available due to the Coronavirus. Our hours are from 9-5:30 Monday-Friday with a break from 12:30-1 for lunch. Call or text us at 919-484-7600 when you arrive. Thanks for your patience.

## Share your experience with Central Compounding

If you have received excellent care or service from the pharmacists and staff at Central Compounding, we would appreciate an online review.

[REVIEW US ON FACEBOOK](#)

[REVIEW US ON GOOGLE](#)

### **ASK US ABOUT OUR WEIGHT LOSS PROGRAMS**

We offer a physician managed program for patients who find weight loss exceptionally difficult.

**READ MORE**



### **REMINDER MESSAGE ABOUT CONSULTATIONS:**

Central Compounding Center offers one on one personal consultations with Jennifer Burch, PharmD, CDE, who is experienced and specially trained in customized hormone therapy. Hormone consultations are by appointment only, and are \$175.

***Call Mary, our Patient Care Coordinator, to schedule your appointment.***

### **HORMONE TESTING**

We provide ZRT test kits to help us customize your hormone therapy specifically for you!



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**HOURS:** Monday - Friday 9am - 5:30pm  
Closed for lunch 12:30pm - 1pm  
Closed Saturday and Sunday

