

# Management of Foot Chronic Wounds with an Innovative Topical Powder (EctoSeal P2G)

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## Case Report:

A 53-year-old healthy female suffered an accident while standing next to her car to let the dog out. The car rolled over her right foot causing extensive wounds and rupture of her Achilles tendon. Following two surgeries, the chronic wounds located on the back of the heel (Achilles tendon), ankle (right side), and sole were still extensive and infected. The largest wound was the ankle with 3 inches by 1 ½ inches wide (photos below). The wound on the back of the heel measured 1 ½ inch. When the local compounding pharmacist was consulted, an innovative topical treatment was recommended, including pentoxifylline, phenytoin, naltrexone HCl, misoprostol, arginine HCl and beta glucan in the topical base, PCCA EctoSeal P2G powder (Tab.1).

### Rx

Pentoxifylline USP	2 g
Phenytoin USP	2 g
Naltrexone Hydrochloride USP Anhydrous	Calculate
Misoprostol 1% (HPMC Dispersion)	0.24 g
Arginine Hydrochloride USP	1 g
Beta Glucan (1,3) NQ	0.2 g
Base, PCCA EctoSeal P2G™ Powder	q.s. 100 g

**Table 1.** Pentoxifylline 2%/Phenytoin 2%/ Naltrexone HCl 0.1%/Misoprostol 0.0024%/Arginine HCl/Beta Glucan Topical Powder (EctoSeal P2G): PCCA Formula 14899.

A. Before treatment

Ankle (right side)



B. 1 week post-treatment



C. 6 weeks post-treatment



Back of the heel  
(Achilles tendon)



Sole



D. End of treatment: full recovery

