

사내 교육용



Innovative and Smart Health Care



피부 수분 유지와 상처 보호를 위한
국소 하이드로겔 창상피복재

#All in one

#Something NEW

#병의원전용

#수술 후 상처관리

#감염예방 및 상처치유



Neo Surgi Gel은 FDA 승인 받은
실손보험 적용이 가능한 천연성분의
안전한 상처치료재입니다.

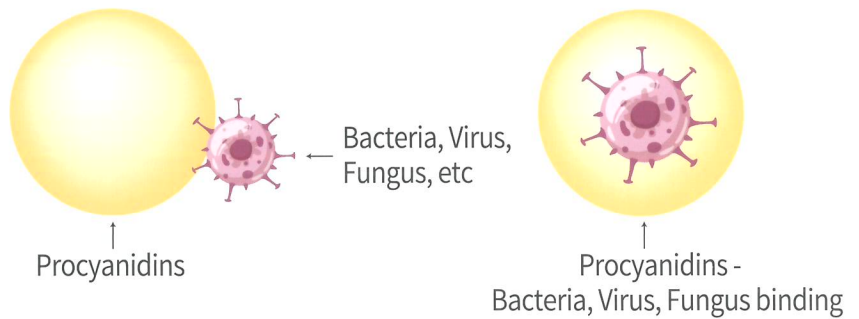
NEW GENERATION OF WOUND CARE
SKIN REGENERATION AND PAIN REDUCTION

— 이상적인 상처 치유(Condition for Wound Healing)란?



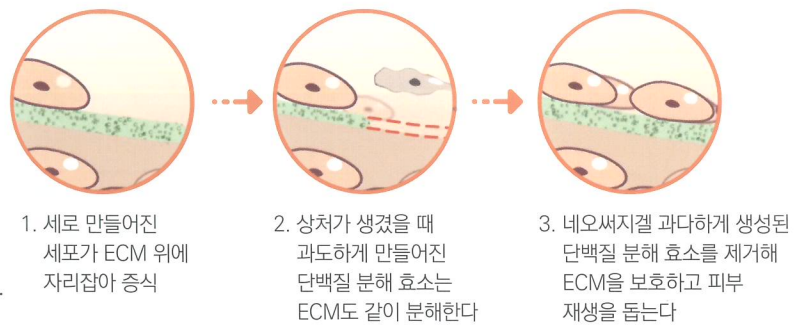
— 네오써지겔 작용기전

- 강력한 고장액인 글리세롤이 체액을 강한 삼투압으로 흡수하고, 프로시아니딘이 체액속의 바이러스, 세균, 곰팡이 등 질환의 원인과 결합하여 오염을 차단합니다.
- HA(히알루론산)은 세포외 기질(ECM)의 중요 물질로서 상처치유를 빠르게하고 습윤한 환경을 제공하여 상처를 보호합니다.



— 네오써지겔 피부재생 효과

- ECM 보호 및 피부 재생
- 네오써지겔의 프로시아니딘이 단백질 분해효소를 감소시킨다.
- 세포의 기질(ECM : Extra-Cellula Matrix)은 히알루론산, 엘라스틴, 콜라겐으로 구성되어 있는 세포가 자리잡고 성장할 수 있는 세포 재생에 필수적인 요소



식약처 승인 사용목적

창상의 보호 및 삼출액의 흡수, 출혈, 또는 체액 손실 및 오염방지 등 피부 장벽이 파괴된 부위의 보호를 위해 사용하는 창상, 피부재
비급여코드 BM5013RQ



— 네오써지겔 효과

외부 오염 차단 + 감염예방 + 항균·항바이러스 + 상처치유 + 흉터 최소화 + 통증감소의
All in One 제품입니다.

외부 오염 차단

도포 후 피부막을 형성하여
외부 오염을 차단합니다.

상처 치유

세포외기질 ECM을 보호하여
상처를 회복시킵니다.



항균·항바이러스

단백질분해효소를 침전시키고
삼투압 효과로 체외 배출합니다.

통증 감소

통증 유발 물질을 억제시킵니다.
(COX-2, 전이물질 싸이클로 옥시나제 효소제거)

— 임상 자료



Effect of plant Extracts contained Dressing Material which is Rich in Procyanidins for Treatment of deep seconde Degree Burn



Fig. 2. Application of plant extracts contained dressing material. (A) The test material was applied when the wound was relatively clean, with thin eschar and scab removed and the dermal layer exposed (29 year old female patient with chemical burn, post burn day #7). (B) Wound was improving state after 3 times application of the test material. (post burn day #14).



Efficacy of therapeutic agent for wound healing, Neo dermal activator, on breast surgery in patients with breast cancer

Department of surgery, Yonsei University College of Mekiicine, Seoul, Republic of Korea

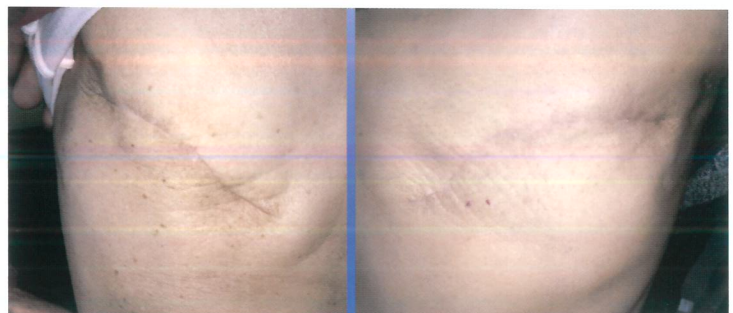


Fig 1. Scars after 6 months of mastectomy (left: control, Right: NDA)



구분	주요내용
제품명	Neo Surgi Gel. 2.8g
사용목적	창상의 보호 및 삼출액의 흡수, 출혈 또는 체액손실 및 오염방지 등 피부장벽이 파괴된 부위의 보호를 위해 사용하는 창상피복재
제품개요	법정 비급여 치료재료재
분류	국소 하이드로겔 창상피복재
허가사항	의료기기 2등급
성분	Tannin (Procyanidins), Glycerol, HA, Honey
제품구성	일회용 프리필드시린지 타입의 기구
EDI CODE	BM5013RQ

Exclusive distributor



네오헬스케어

대전광역시 동구 은어송로 42-46, 1층(가오동)
TEL. 070-8802-8166

Distributor

Reference

1. Glycerol hyperhydration fails to improve endurance performance and thermoregulation in humans in a warm humid environment Pflugers Arch. 2003 Jul;446(4):455-62. Epub 2003 Apr;13.
2. Effect of glycerol-induced hyperhydration on thermoregulatory and cardiovascular functions and endurance performance during prolonged cycling in a 25 degrees C environment. Appl Physiol Nutr Metab. 2006 Apr;31(2):101-9.
3. The effect of glycerol hyperhydration on Olympic distance triathlon performance in high ambient temperatures. Int J Sport Nutr Exerc Metab. 2002 Mar;12(1):105-19.
4. Glycerol hyperhydration improves cycle time trial performance in hot humid conditions. Eur J Appl Physiol Occup Physiol. 1999 Oct;80(5):494-501.
5. Effect of glycerol-induced hyperhydration on thermoregulation and metabolism during exercise in heat. Int J Sport Nutr Exerc Metab. 2001 Sep;11(3):315-33.
6. A historical appraisal of the use of cryopreserved and glycerol-preserved allograft skin in the treatment of partial thickness burns. Bruns. 2002 Oct;28 Suppl 1:S16-20.
7. Pharmacokinetics of serum glycerol and changes of ICP: comparison of gastric and duodenal administration. Acta Neurochir Suppl. 1998;71:34-6.
8. Treatment of Aphthous Stomatitis with topical Alchemilla Vulgaris in glycerine. Clin Drug Investig. 2006;26(10):567-73.
9. Effect of Alchemilla Vulgaris extract on the structure and function of erythrocyte membranes during experimental arterial hypertension. Bull Exp Biol Med. 2006 Jun;141(6):708-11.
10. Pharmacokinetics and Safety of Green Tea Polyphenols after Multiple-Dose Administration of Epigallocatechin Gallate and Polyphenon E in Healthy Individuals. Clin Cancer Res. 2003 Aug 15;9(9):3312-9.
11. Phase I pharmacokinetic study of tea polyphenols following single-dose administration of epigallocatechin gallate and polyphenon E. Cancer Epidemiol Biomarkers Prev. 2001 Jan;10(1):53-8.
12. Effect of dosing condition on the oral bioavailability of green tea catechins after single-dose administration of Polyphenon E in healthy individuals. Clin Cancer Res. 2005 Jun 15;11(12):4627-33.
13. Therapeutic effectiveness of a Mimosatenuiflora cortex extract in venous leg ulceration treatment. J Ethnopharmacol. 2007 12;109(3):523-8.
14. Prevention of vascular ulcers and diabetic foot. Non-randomized open clinical evaluation on the effectiveness of Mepentol Leche Rev Enferm. 2006 Oct;29(10):25-30.
15. Clinical observations on the wound healing properties of honey. British Journal of Surgery. Volume 75(7);679;681,2005.
16. Manuka honey vs. hydrogel – a prospective, open label, multicentre, randomised controlled trial to compare desloughing efficacy and healing outcomes in venous ulcers. J Clin Nurs. 23,2008.
17. Effect of natural honey consumption in diabetic patients: an 8-week randomized clinical trial. Int J Food Sci Nut. 2, 1-9, 2008.

