

Lactation maternal nipple and damaged wound the advantages and characteristics of the new treatment plan.

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Abstract purpose: To explore the new nipple and damaged wound, Pure natural no side effects of any side effects of the treatment - *AgniGel*[®] -Nursing mothers STERILE HYDROGEL DRESSINGS.

Method: Select 478 cases of maternal labor from January 2011 to June 2012(both sides, a total of 956 lesions). 239 cases in treatment group, control group of 239 cases.

Under the guidance of a doctor, the treatment group of 239 cases of patients with nipple *AgniGel*[®] -Nursing mothers STERILE HYDROGEL DRESSINGS paste therapy. 5 days for a course of treatment, after two courses of treatment efficacy evaluation. the control group of 239 cases of nipple patients using antibiotic ointment erythromycin treatment evenly, 5 days for a course of treatment, after two courses of treatment efficacy evaluation. In the course of treatment, obstetricians to observe and record the change tracking

and damage to local wound treatment of nipple.

Result: In the treatment group of 239 patients, cured 214 cases, effective 23 cases, invalid 2 cases, the total effective rate is 99.16%. Control group of 239 patients, cured 127 cases, effective 60 cases, invalid 52 cases, the total effective rate is 78.24%. there is no need to stop nursing in the treatment.

Conclusion: *AgniGel*[®] -Nursing mothers STERILE HYDROGEL DRESSINGS can effectively promote the rapid healing of cracked nipple and breakage wound, no need to stop nursing during the treatment, to ensure that the process of breast feeding can be carried out smoothly. no matter the residue is like the occurrence of no, is a pure natural, no side effect on the baby's new treatment program.

Key words: Cracked nipple and breakage、 breast feeding、 side effects 、 *AgniGel*[®] -Nursing mothers STERILE HYDROGEL DRESSINGS、 Treatment effect.

Nipple and breakage is one of the common problems in breastfeeding, according to the United States, the authority of medical statistics, its incidence is 96.37%, because the nipple is rich in blood vessels and nerves, after the occurrence of cracked nipple, the baby's sucking can cause severe pain in the nipple, so that the mother loses the confidence of nursing, we have used it in the last 1.5 years TOTAL İTHALAT İHRACAT PAZARLAMA LTD.İTi company development

***AgniGel*[®] -Nursing mothers STERILE HYDROGEL DRESSINGS** to treatment, achieved remarkable curative effect. Now the report is as follows:

Clinical data:

1. information:

1.1 general information A total of 478 patients(both sides, a total of 956 lesions). treatment group 239 cases, control group of 239 cases. these are from the Texas Delta area of primiparous lactating women, between 21-35 years old. no allergic history of confrontation, are beginning to nurse 3-5 day in the nipple localized skin burning sensation, with the increase of the number of nursing, symptoms gradually increased, were diagnosed with nipple.

1.2 treatment method

1.2.1 Treatment group: after each nursing treatment.

Method: after the end of each feeding and cleaning, use 1 pieces of ***AgniGel*[®] -Nursing mothers STERILE HYDROGEL DRESSINGS** Sticking to the nipple and damage the wound area, the baby must be removed before the baby is breast-feeding, in a solution containing a saline or distilled water, at the same time must be the treatment area of the skin clean. maternal postpartum 3 days to start treatment, a period of treatment is 5 days, after two courses of treatment efficacy evaluation.

1.2.2 Control group: after each nursing treatment.

Method: Erythromycin antibiotic ointment evenly in nipple and damage the wound area, wash before the next nursing(because of the fat soluble substances, in fact, can not be completely washed residues of drug ingredients). maternal postpartum 3 days to start treatment, a period of treatment is 5 days, after two courses of treatment efficacy evaluation.

1.3 Efficacy evaluation criteria

Cure: symptoms disappear; **Effective:** symptom relief;

Invalid: symptoms improved.

Treatment outcome:

Table 1: a comparison of the effects of the treatment group and the control group

Group	CN	Cure		Effective		Invalid		Total efficiency	
		CN	%	CN	%	CN	%	CN	%
Treatment group	239	214	89.54	23	9.6	2	0.86	237	99.16
Control group	239	127	53.14	60	25.10	52	21.76	207	78.24

2. Result: See Table 1 specific data, 239 patients in the treatment group, by AgniGel[®]-Nursing mothers STERILE HYDROGEL DRESSINGS After 2 courses of treatment (10 days), patients with

nipple wound area is very obviously feel cool, moist and comfortable. immediate relief or relief from pain, the leakage of local wound was obviously reduced or even disappeared, cured 214 cases, effective 23 cases, invalid 2 cases, the total effective rate is 99.16%, No other complications occurred in infants receiving nursing. Control group of 239 patients. The use of antibiotics such as erythromycin ointment evenly 2 courses of treatment (10 days) after, Patients with nipple wound area, no obvious cool and wet comfort, the pain was not relieved, there was no obvious decrease in the local wounds, cured 127 cases, effective 60 cases, invalid 52 cases, the total effective rate is 78.24%. At the same time because of the fat soluble chemical toxic substances of the drug substance, can not completely clean the residue, extremely easy to be brought into the baby's body to receive a baby, this increases the risk of a baby in the future, eventually will lead to a marked increase in the probability of neonatal development.

Discussion and action mechanism:

As everyone knows, breastfeeding mothers can reduce the risk of breast cancer and ovarian cancer, 7 days after the birth of colostrum, rich in protein and minerals, and a variety of immune active substances, is the baby's most ideal food, is also the basis for the healthy growth of infants. but because of the incorrect method of lactation mother to nipple, to bring a lot of trouble to breast feeding.

Nipple and damage the main reason is because the baby is sucking posture is not correct, wrong nursing method, excessive use of soap and other desiccant or baby oral motor dysfunction caused by the nipple. In addition, nipple length is too short, areola diameter is too long, neonatal weight, daily baby sucking too many times and every time are dangerous sucking nipple factor. Nipple bite when breastfeeding. the secondary cause is other mechanical damage.

Nipple and damaged the main clinical manifestations of papillary surface skin has smaller cracks and ulcer bleeding , It is one of the common problems in breast feeding, because the nipple is rich in blood vessels and nerves, after the occurrence of cracked nipple, the baby sucking can cause nipple piercing pain, so that the mother loses the confidence of nursing, even refused to nurse, indirectly reduce the rate of breast feeding. Inspection certificate: a small breach or ulceration of the surface of the nipple, can be one or more, two tone, the wound may be circular or vertical, there are more obvious tenderness at the chap, often accompanied by a light yellow slurry or bloody fluid exudation, the surface of the skin wound with erosion, ulcer of the trench around the nipple. This is extremely easy to make the bacteria along the lymphatic invasion, at the same time, milk deposition in the breast is not easy to discharge, is conducive to the growth and reproduction of bacteria, it is the

leading cause of acute mastitis. So, master the method of treatment, effective and correct the cause of cracked nipple, prevention and nursing, will improve the quality of obstetrics, promote breast feeding to play an active role.

AgniGel[®]-Nursing mothers STERILE HYDROGEL DRESSINGS is 100% pure natural plant ingredients, round, thick about 3mm, rich in specific biological factors and water, no residue was adhered to the wound, for infants and young children without any toxic side effects, after contact with wound tissue, the exudation of the wound was concentrated into fibrin gel, Because the high concentrations of endogenous growth factors in the fibrin gel enhanced the migration of epithelial cells moving speed, simultaneous active repair mechanism of wound tissue, can effectively promote the wound tissue cells of the epithelial process, accelerate the metabolism of epidermal cells, can start without autolysis of invasive debridement mechanism in the optimal humidity environment, protect normal granulation tissue, to remove necrotic tissue and absorb exudates from the wound, maintenance of moist healing. to maintain the best suitable level of humidity in the skin around the wound and wound area, can create a semi closed oxygen tension repair environment, can effectively promote the wound tissue of the epithelial process, accelerate the metabolism of epidermal cells, a smooth and smooth skin structure

repair platform is provided. good compliance, has a strong self adhesive, anti allergy. can absorb the wound exudates, removal and decomposition of necrotic tissue. has a good one-way air valve structure, can block or filter the bacteria to penetrate into the wound tissue, prevention of exogenous infection. no toxic side effects were found in this group, many methods of clinical treatment of chapped nipple.

For example, all kinds of antibiotic ointment, bismuth, etc. but the ability of these drugs to promote skin regeneration is weak, and coated with a large amount of toxic chemical composition of antibiotic ointment, because of the fat soluble substances, very difficult to clean, extremely easy to be left in the skin around the nipple, and then in the breast feeding infants were inhaled in vivo, will cause severe drug toxicity. when the chemical composition of these chemicals is accumulated to a certain amount. In the future, the risk of gene mutation in the future has been increased, eventually will lead to a marked increase in the probability of neonatal development.

Colostrum secretion caused by breast feeding, rich in egg white matter and mineral, and a variety of immune bioactive substances, is the most ideal food source for infants, is also the basis for the healthy growth of infants. AgniGel[®]-Nursing mothers STERILE

HYDROGEL DRESSINGS effective prevention and treatment of cracked nipple and breakage, and to ensure and promote the process of breast feeding, provide a safe guarantee for nursing, effective care of the mother and child, no need to stop nursing during the treatment. So think the *AgniGel*[®] -Nursing mothers **STERILE HYDROGEL DRESSINGS** at this stage of treatment of nipple and damage disease most safe, effective new treatment plan.

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