

# NURSE Angele's Wipes™

## Adhesive Remover Massage & Skin Oil



**100% ORGANIC**  
Virgin Coconut Oil

Invented by a NICU Nurse and Nurse Practitioner, Nurse Angele's Wipes are designed to make the removal of medical adhesives easy and pain free for patients, while also minimizing the risk of skin irritation and damage. May be used as massage and skin oil.



**No Toxic Chemicals**



**Safe & Gentle for Neonates to Geriatrics**



**Anti-Viral, Anti-Bacterial, Anti-Fungal\***



**Nurse Created & Approved**



**FDA Registered**

Our product is recommended for healthcare facilities that want to eliminate the exposure of healthcare workers and patients to harmful adhesive remover chemicals. The use of these chemicals has been linked to several health risks, such as respiratory tract irritation, skin and eye irritation, headaches, nausea, liver injury, loss of consciousness, coma, and even death. Soft contact lenses can concentrate these irritants. Our product offers a safe and effective solution by eliminating the need for these harmful chemicals. By incorporating our product into their practices, healthcare facilities can take a significant step in safeguarding the health and well-being of their staff and patients.



WNP-NAW

**Coconut oil activates the anti-inflammatory nature of the immune response\***

### ■ Removes Adhesive Bandages & Dressings

- ✓ EKG leads
- ✓ Hydrocolloids
- ✓ Silicone adhesive
- ✓ Tape and bandages
- ✓ Stoma wafers
- ✓ Wound and surgical dressings

### ■ Reduces the risk of Medical Adhesive-Related Skin Injury

### ■ Other Uses for Nurse Angele's Wipes

- ✓ Infant massage
- ✓ Reduces TEWL (Transepidermal Water Loss) in premature infants\*\*
- ✓ May help with infant weight gain

\* See website for link to full article

\*\* Based on significantly lower TEWL, favorable skin scores and low colonization rate in the Oil group in this study population of preterm VLBW neonates, it can be concluded that coconut oil application reduces TEWL and improves skin maturity and integrity without compromising the sterile milieu of the baby and thus can be recommended to be used in small preterm neonates in the NICU. We recommend routine use of coconut oil in babies weighing 750–1500 g.

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Original Paper

Manufactured for

**warriorNP™**

Safer Survival Tools for Little Warriors.

## Preterm Infant Massage Therapy Research

Coconut oil massage resulted in significantly greater weight gain velocity as compared to mineral oil and powder in the preterm infants group. The preterm infants receiving coconut oil massage also showed a greater length gain velocity compared to the powder group.

The greater weight gain documented by several investigators is associated with 3-6 days shorter hospital stays. A recent cost-benefit analysis suggested a hospital cost savings of approximately \$10,000 per infant (or 4.7 billion dollars across the 470,000 preterm infants born each year).

## Coconut Oil and Immunity

Not only does coconut oil metabolites have antimicrobial activity but also these remarkable derivatives have been shown not to cause resistance organisms to appear. The anti-microbial mechanistic action also helps activate the antiinflammatory nature of the immune response in human body.

## Effect of Virgin Coconut Oil Application on the Skin of Preterm Newborns: A Randomized Controlled Trial

High environmental load of pathogenic organisms and malnutrition are two important contributors of mortality of preterm in developing countries. Oil massage is a traditional practice in Indian subcontinent for centuries. It acts by augmentation of the skin barrier, supplementation of essential fatty acids, reduced water loss and hypothermia and thereby reduces infections and newborn mortality [8, 9]. It is also helpful in promoting growth.

In our study, we found that use of coconut oil in newborn skin helped in skin maturity and prevented hypothermia and apnea in newborn. It was also associated with a higher level of serum vitamin D3 and a better neurodevelopmental outcome. Supplementation of essential fatty acid by the emollient (helps in skin maturity), prevention of

insensible water loss (less latent heat and hence, less hypothermia) and stimulation during application (better neurodevelopment and prevention of apnea) may be responsible for these findings [8, 9]. Strunk, et al. [20] also similarly noted that application of coconut oil was helpful in improving skin maturity and a better barrier function leading to a decrease in the incidence of neonatal sepsis of late onset type.

## Oil Massage in Neonates: An Open Randomized Controlled Study of Coconut versus Mineral Oil

The findings of this study suggest that coconut oil application improves the weight gain velocity in preterm and full-term neonates over and above the benefits of tactile kinesthetic stimulation due to massage alone.

The skin of a preterm baby allows significant absorption of fat, as it is thinner and more vascular(15,16). This may also result in greater caloric intake and hence a better weight gain(17).

## Topical Oil Application and Trans-Epidermal Water Loss in Preterm Very Low Birth Weight Infants – A Randomized Trial

In preterm very low birth weight neonates, twice daily topical coconut oil application during the first week of postnatal life reduces TEWL. In addition, coconut oil application improves skin condition and its integrity without any increase in bacterial colonization.

TEWL was significantly lower in Oil group at all measurement points from 12 to 168 h of life. Lower TEWL in the Oil group indicates protective effect of oil on the skin.

For the complete research papers (of the above excerpts) please visit [warriornp.com/nurse-angeles-wipes](http://warriornp.com/nurse-angeles-wipes)



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