

World Congress on

# BREAST CANCER, GYNECOLOGY AND WOMEN HEALTH

&

Annual Conference on

# ORTHOPEDICS AND RHEUMATOLOGY

September 06-07, 2018 | Bangkok, Thailand

Umiyanti Thenu et al., Arch Gen Intern Med 2018, Volume 2 | DOI: 10.4066/2591-7951-C3-009

## PERINEAL WARM COMPRESSES DURING THE SECOND STAGE OF LABOR DECREASE INCIDENCE AND DEGREE OF PERINEAL LACERATION IN PRIMIPAROUS

Umiyanti Thenu, Trika Irianta, Fatmawati Madya, Isharyah Sunarno, David Lotisna and Retno B Farid

Hasanuddin University, Indonesia

**Introduction:** Women during their first vaginal birth commonly get perineal trauma, induced by spontaneous laceration and episiotomy. Perineal warm compresses during the second stage of labor have been shown to decrease risk of perineal laceration or the need for episiotomy in primiparous, but the role between perineal body length with incidence and degree of perineal laceration is still in debate.

**Objective:** The aim of this study was to evaluate correlation between perineal warm compresses and perineal body length during the second stage with incidence and degree of perineal laceration in primiparous.

**Methods:** It was a nonrandomized controlled trial conducted at teaching hospital of Department of Obstetrics and Gynecology, Hasanuddin University from January to May 2018. There were 62 samples for perineal warm compresses group and 62 samples for control group.

**Results:** Chi-Square test showed significant correlation between perineal warm compresses during the second stage with perineal laceration incidence ( $p=0.030$ ) and perineal laceration degree in primiparous ( $p=0.004$ ). Perineal body length has no correlation with the incidence of perineal laceration ( $p=1.000$ ) and degree of perineal laceration ( $p=0.149$ ). Perineal warm compresses were effective in decreasing the degree of perineal laceration, particularly in primiparous with perineal body length of  $<3.3\text{cm}$  ( $p=0.006$ ).

**Conclusion:** Perineal warm compresses during the second stage, decreases the incidence and degree of perineal laceration in primiparous. But, the perineal body length did not correlate with perineal laceration incidence and degree in primiparous. Perineal warm compresses during the second stage may decrease perineal laceration degree in primiparous with perineal body length  $<3.3\text{cm}$ .

## BIOGRAPHY

Umiyanti Thenu has completed her medical degree from Hasanuddin University, Indonesia. She is pursuing Obstetrics and Gynecology specialist medical education in Hasanuddin University, Indonesia.

[dr.umiyanti@gmail.com](mailto:dr.umiyanti@gmail.com)



Note: