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Unmet need incidence within family planning program: A basic policy to decrease population fertility in central java province

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Abstract

The government of Indonesia has been promoted Family Planning Program (FPP) to control the population growth, as it increases every year; however, in its implementation, unmet need is still to be found, including in Central Java Province. The purpose of this study was to analyze factors causing the incidence of the unmet need in Central Java Province using explanatory research with qualitative (in-depth) and quantitative approaches. The sample was women of childbearing age (15-49 years) with a total sample of 2,281 respondents. The secondary data were obtained from Indonesian Demography and Health Survey (IDHS) 2017. The result showed that there was a relationship between age ($p = 0.0005$), number of children ($p = 0.029$), decision making ($p = 0.0001$), as

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Ischemic stroke is one of the major causes of mortality and disability worldwide. Limitation of cerebral blood flow due to thrombosis can cause ischemic stroke that in turn affect cellular homeostasis due to insufficient oxygen and nutrient supply. However re-establishment of cerebral blood flow can cause further deterioration of ischemic brain tissue by a series of inflammatory, apoptotic and oxidative events resulting in cerebral ischemic-reperfusion injury which in turn leads to neuronal cell death and neurological impairments. This study was carried out to evaluate the potential neuroprotective effects of sulforaphane in a global model of cerebral ischemic reperfusion injury in rats. A 24 Wistar-albino rats (weighing 200-300 grams) were divided randomly into 3 groups (n= 8 in each group), a sham (negative control) group, control (ischemic reperfusion group) and Sulforaphane group (5mg/kg) intraperitoneally. Rats were exposed to 30 minutes of ischemia followed by 1 hour of reperfusion. At the end of the reperfusion, rats were sacrificed and brain tissue samples were obtained for histopathological scoring and inflammatory markers measuring.

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Effect of ultrasonic treatment on properties of aqueous dispersions of inorganic and organic particles in presence of water-soluble polymers

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Study the effect of non-pharmaceutical approach on traumatic nipple for lactating mothers

Abobaker, Randa Mohamed^a; Al-Saihati, Hajir A.^b; Sayed, Mervat Amin^c; Alnaim, Abdulrahman Ahmad^d; Belal, Safia^{e, f}; Elian, Doaa M.^g


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Background: Nipple trauma is one of the most frequent reasons why exclusive breastfeeding is ceased.

Aim: To evaluate the effect of non-pharmaceutical approaches using breast milk, mint bag and cabbage

leaves on treatment of traumatic nipples for lactating mothers. Methods an intervention study

conducted on 150 lactating women, they randomly assigned to one of the three groups. Results: Breast

milk, Mint Bag and Cabbage leaves has equally effective in relieving traumatic nipple and pain.

Conclusion: Breast milk, Mint Bag and Cabbage leaves combined with applied instructions related to