

EFFECT OF KANGAROO MOTHER CARE TRANSPORT IN PREVENTING MODERATE HYPOTHERMIA IN LOW BIRTH WEIGHT BABIES WHILE BEING TRANSPORTED HOME AFTER DISCHARGE: RANDOMIZED CONTROL TRIAL

AIM: To determine the effectiveness of Kangaroo Mother Care in terms of hypothermia prevention during transport from hospital to home for low birth weight neonates.

ELIGIBLE SUBJECTS

Physiologically stable Low Birth Weight neonates (from 1 kg to less than 2.5 kg) (N=152)

RANDOMIZATION

n=76

STUDY GROUP
Neonates received KMC during transport

n=76

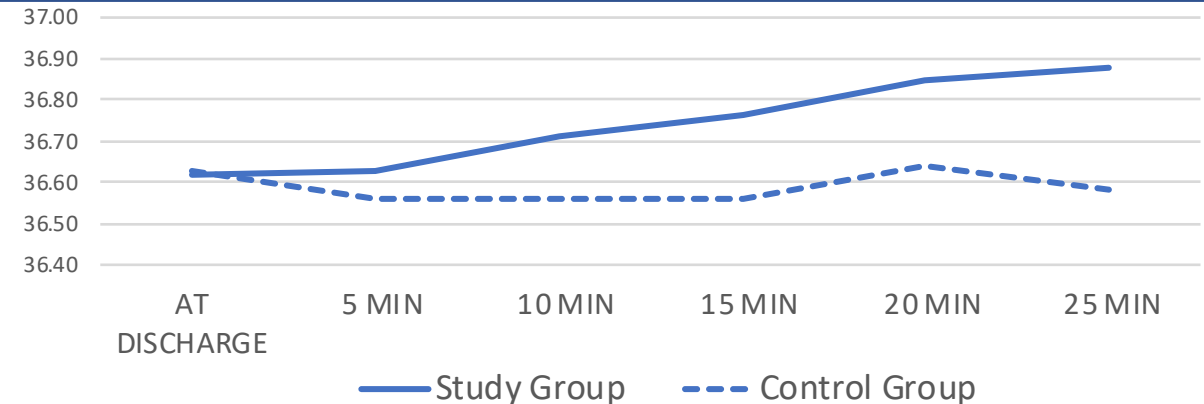
CONTROL GROUP
Neonates did not receive KMC during transport.

OUTCOME EVALUATED

Temperature was recorded: at time of discharge, at every 5 min of transport till 25 min and the time of arrival at home.

RESULTS

Line graph of temperature during transport in neonates



On arrival at home, average temperature in study group increased by 0.22 °C (36.62-36.84°C), while it decreased by 0.13 °C (36.63-36.50°C) in control group.

Conclusion: Kangaroo Mother Care is a useful intervention for preventing hypothermia in low birth weight neonates during transport from hospital to home

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