

**P 19. KANGAROO MOTHER CARE (KMC) IN LBW INFANTS: A
WESTERN RAJASTHAN EXPERIENCE** Mukesh Gupta (1), Rakesh Jora (2),

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Objective: This study was taken to study the various beneficial effects of KMC in LWB babies at our center. **Methods:** 50 LBW babies (birth weight < 2kg) who delivered at Umaid Hospital, RIMCH Jodhpur included in this study and they have given KMC 4-6 hours/day in 3-4 settings. Maternal & Neonatal characteristics and complications prospectively recorded. **Results:** Of 50 LBW babies enrolled, M:F ratio was 1.5:1 and mean birth weight was 1.487 ± 0.175 kg. The mean age at which KMC started was 4 ± 1.738 days. The mean weight gain was 29 ± 3.52 gms, mean age of discharge 23.6 ± 3.52 days and mean duration of hospital stay was 15.5 ± 11.3 days.

Conclusion: KMC is effective and safe in stable preterm infants and as effective on traditional care with incubators. KMC because of its simplicity may have a place in home care of LBW babies. **Key Words :** KMC, LBW infants, weight gain.