CHAPTER 4

AYURVEDIC
KAUMARABHRITYA (BAL ROGA)

Doctoral Theses

01. GUPTA (Prashant Kumar)
Effectiveness of Routine Ayurveda Neonatal Care in Weight Gain Velocity and Skin Parameters- A Randomized Controlled Clinical Trial.
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Abstract

Ayurveda routine care has a significance in current era. A detail about the routine care of navjaat is described in classical texts. Hence a study was planned to evaluate the effectiveness of routine ayurveda care in weight gain velocity and skin parameters of newborn. study was divided in three parts, first part dealt with clinical effectiveness of Bala taila Abhyanga, Brahm randhra picchu and Swarnaprashan in weight gain velocity and skin parameters of newborn. Part-B was an experimental analysis of Swarnaprashan over HIF-alpha1 in hypoxia induced neuronal cell line. Part-C established a predictive understanding of phytoconstituents of Bala Taila in known growth proteins. All three parts signifies the significance of Routine ayurveda care in neonatal health. Clinical part establishes that intervention group has a better weight gain and better skin parameters than the compare arm. Cell line model establishes a definite role of swarnprashna in inducing the HIF-alpha1 in hypoxic condition. and computational model establishes that phytoconstituents of Bala Taila has machanistic involvement of growth protien like IGF.

Contents

1. Introduction 2. Drug Review 3. Literature Review 4. Materials and Methods 5. Observation & Result 6. Discussion 7. Summary 8. Conclusion 9. References Annexures.