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Precipitate Labour Frequency, Risk Factors and Complication in Patients Delivering at Dr Sulaiman Alhabib Hospital Sweidi

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Background:

Precipitate labour is a vaginal delivery which occurs within 3 hours after onset of labour, there is limited data available on risk factors associated with precipitate labour, while some data suggests it is associated with certain complications.

Objective:

This study was aimed to know the frequency of precipitate labour, risk factors associated with precipitate labour and its related complications in local population.

Material and methods:

We conducted a prospective study, in which we enrolled eligible pregnant female and they were asked about risk factors on admission to labour and delivery ward, these females were observed for duration of labour and its related complications at Dr Sulaiman Alhabib Hospital Sweidi, Riyadh, Saudi Arabia, for 6 months of period (First May 2019 till 31st October 2019).

Results:

The total number of patients delivered in the study duration was 1018 and out of which 132 patients developed precipitate labour. Hence, the frequency of precipitate labour in the current study was calculated as 12.9%. The family history of the precipitate labor is identified as a significant risk factor in group A, its prevalence was 32.5% (n=43) and 18% (n=24) in group A and group B respectively. Among the herbs the Cinnamon is the only herb found to have statistically significant association with the precipitate labor, with prevalence of 19.6 % (n=26) in group A and 10.6 % (n=14). Post-partum hemorrhage was the most common complication observed in the study group; however, the difference was not found statistically significant.

Conclusion:

The frequency of the precipitate labor in the study group was calculated as 12.9%. Cinnamon and Family history of the precipitate labor was the most significant risk factor identified in the study group. No significant complication was observed in patients having precipitate labor in the current study.

Keywords:

Risk factors, Precipitate labour, Complications, Abruption- Placentae, Postpartum hemorrhage, Herbs

Biography

Hina Shams Solangi has completed his fellowship in obstetrics and gynecology at the age of 31 years from collage of physicians and surgeons Pakistan . She is working as consultant at Dr Sulaiman alhabib hospital. She has published 6 papers in reputed journals. (Up to 100 words)