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**To Compare the Effectiveness of Lumbosacral Massage and Lumbosacral Hot
Application Concerning the Level of Pain During the Active Phase of Labour
Among Primigravida Parturient Women.**

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ABSTRACT

The Findings related to the level of pain during the active phase of labour among primigravida parturient women in the lumbosacral massage group and hot application group.

**Table 1: Frequency And Percentage of Participants for Pre-Test Score of Hot Application and
Massage Application**

S.No.		Hot Application N=250		Massage application N= 250	
		Frequency (f)	Percentage (%)	Frequency (f)	Percentage (%)
Pre-test					
1	Mild (0-12)	0	0	0	0
2	Moderate (13-24)	8	3.2	2	0.8
3	Severe (25-37)	242	96.8	248	99.2

Table 2 presents data on hot application and massage intervention in a sample of 250 participants, categorizing their responses based on the severity of the condition before the treatment (pre-test). The severity levels are classified into three categories: Mild (0-12), Moderate (13-24), and Severe (25-37). In the pre-test phase, before hot treatment, none of the participants exhibited mild symptoms (Frequency: 0, Percentage: 0%). However, 8 individuals demonstrated moderate symptoms, constituting 3.2% of the sample. In the case of the massage group, the majority of participants, 242 individuals (96.8%), presented with severe symptoms before the massage intervention. After the treatment, a marginal improvement was observed, with 2 individuals showing a decrease in severity



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from moderate to mild, and 248 participants (99.2%) experiencing a shift from severe to moderate or mild categories. These findings suggest a positive impact of the massage application in reducing the severity of symptoms among the participants, particularly in those with initially severe conditions.

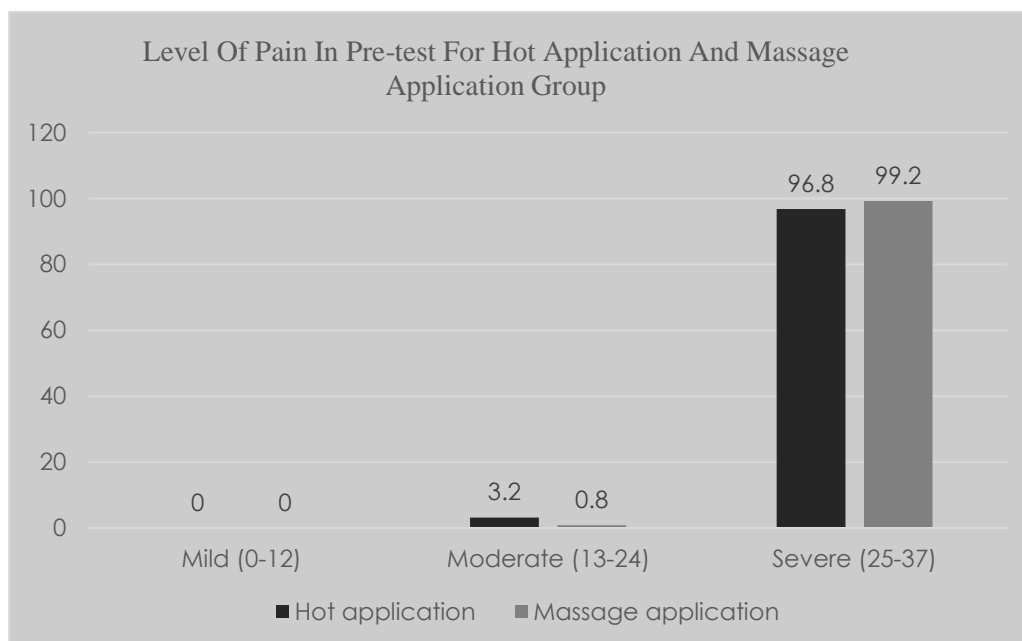


Figure 1: Level Of Pain During in Pre-Test of The Active Phase of Labour of The Massage and Hot Application Group

Table 2: Frequency And Percentage of Participants for Post-Test Score of Hot Application and

S.No.		Hot Application N=250		Massage application N= 250	
		Frequency (f)	Percentage (%)	Frequency (f)	Percentage (%)
	Post-test				
1	Mild (0-12)	143	57.2	9	3.6
2	Moderate (13-24)	107	42.8	76	30.4
3	Severe (25-37)	0	0	165	66

Massage Application



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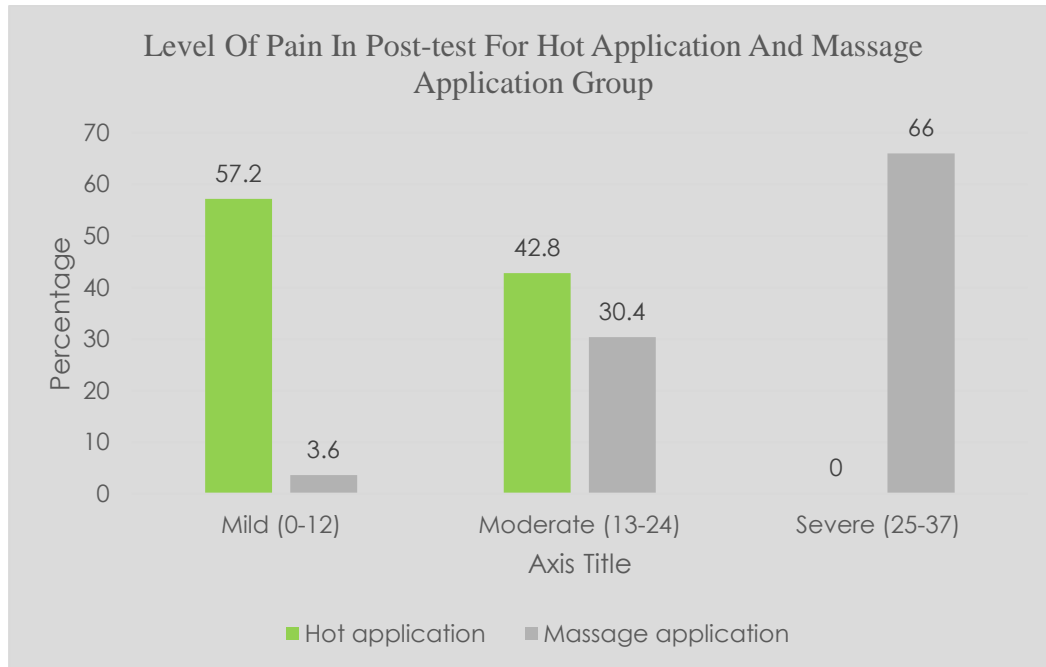


Figure 2: Variation In Post-Test Score of Hot Application and Massage Application Group