



**Table 2 : Pain perception score using Visual analog scale :**

VAS score	Interpretation	n(%)
0-4mm	No pain	0
5-44mm	Mild Pain	88(73.3)
45-74mm	Moderate pain	28(23.3)
75-100mm	Severe pain	4(3.3)

**DISCUSSION :**

Local anesthesia is a process aiding dental treatment which should be calm and safe as the dental surgeon's major preoccupation has to be focused on the specific dental treatment. Of the 120 cases reported for the study to assess pain perception using 25 gauge needle, the mean age was 33.7 years. There were 48 (40%) males and 72(60%) were females. There was no incidence of aspiration in any of the

study subjects. The pain score ranged between 10-80. It was found that 73.3% had mild pain, whereas only 3% experienced severe pain. (Table 2), whereas in a study done by John W. Brownbill et al, pain score ranged from 0-95 with a median of 13. In the present study there was no positive aspiration experienced whereas in a study done by John W. Brownbill et al 1987 reported 16% of them experienced positive aspiration. It is evident from this study that 25 gauge needle appears to be less discomfort to the patients.<sup>(2)</sup>

**REFERENCE:**

1. Locker D, Shapiro D, Liddell A. Negative dental experiences and their relationship to dental anxiety. *Community Dent Health* 1996;24:346-350.
2. Brownbill JW, Walker PO, Bourcy BD, Keenan KM. Comparison of inferior dental nerve block injections in child patients using 30-gauge and 25-gauge short needles. *Anesth Prog* 1987;34:215-9.