The conduction velocity in ten subjects after application of deep heating were ranging from 58.33 and 66.96 m/sec, with a mean value of 64.28 m/sec. the mean difference between conduction velocity before and after head application was 4.10 m/sec. the mean percentage increase of conduction velocity 6.81% of control value and there was a marked reduction in motor conduction velocity of the median nerve. the conduction velocity in the ten normal volunteers after cold application was ranging between 51.39 m/sec. and 61.76 m/sec. with a mean value of 55.99 m/sec. the mean difference between conduction velocity before and after application was 3.99 m/sec which represents 6.65% reduction of conduction after application.

Key words
1. Heat application.
2. cold application.
3. motor conduction velocity.
4. median nerve.
5. Hydrotherapy.