PREFACE

Recent researches have revealed that glucose plays an important role in memory modulation as it is the major fuel for the body and brain. However, this mnemonic effect has been demonstrated mainly at the animal level.

In view of the importance of glucose in memory and paucity of research on humans, the present investigator decided to study the dose and age dependent mnemonic effect of glucose in human subjects. Further, the role of abnormal glucose metabolism and dietary proteins, was also studied. Results indicated a dose and age dependent effect of glucose in memory. Glucose tolerance was found to result in better memory and amount of protein intake in the morning. Plasma protein levels were found to be highly correlated with memory.

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