

## Analysis the role of repeat CT Scans in the Traumatic Brain Injury management

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**Introduction:** Recently in trauma practice, there are no guidelines on the necessity of repeat CT scan.

**Objective:** Our main aim in this present study was to determine whether serial CT scans demonstrated momentous change from the findings in the first CT scan and whether repeat scans had influence on management possibilities.

**Methodology:** This cross-sectional study was carried out at Department of Neurosurgery, Rangpur Medical College Hospital, and Dhaka from January 2016 to June 2017 where 80 patient's data were evaluated on the basis of their history, clinical examination. The entered data were cross-checked and confirmed.

**Result:** in the study all patients of group I maximum 40% patients belonged to 25 to 34 years age range and most of them were male. Also, most of the patients were students in both the groups.

**Conclusion:** We can conclude that for detecting new lesions or enlargement of existing lesions in traumatic brain injury repeat CT scans were found to be of significance which results in changing of management in a substantial percentage of patients.

### Speaker Biography

Md Tofael Hossain Bhuiyan is a senior Neurosurgeon of international repute with excellent management skills. He has over 19 years of experience in treating complex Brain and Spine problems like brain tumors, spinal disc prolapsed, brain stroke, and subdural hematoma, spinal deformity with a special interest in childhood neurosurgical problems like hydrocephalus and spinal birth defects. After finishing his MBBS and MS, he has undergone many specialized courses in Pediatric Neurosurgery, a better part of which has been rendered in the Italy, USA, and China etc & he had been, Professor Dept. Of Neurosurgery Rangpur Medical College Hospital Rangpur, Bangladesh.

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