

Early Experience of Stereotactic Biopsy of Brain Lesion in Nepal

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Abstract

Introduction: Stereotactic brain biopsy has recently been started in Nepal. Though the field has developed significantly in other parts of the world, Nepal still has a long way to go. This study describes the initial challenges, the technical constraints of starting the procedure in a tertiary center of Nepal.

Method: This is a retrospective descriptive study performed at National Academy of Medical Sciences, Bir Hospital. Data were collected from patients' hospital records and analyzed.

Results: A total of twenty four patients underwent stereotactic frame based biopsy between 2020 and 2022. Biopsy reports were positive in twenty two patients and in two patients the results were inconclusive.

Discussion: The field of stereotactic brain surgery has been developing in Nepal and has been used mainly for brain biopsy in different patients.

Conclusions: Despite logistics and technical constraints, stereotactic biopsy has been used in Nepal.

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