

## 98. Radiation Response of Brain Tumor in Man

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Direct Cortical Response (DCR) and Radiation Response (RR) in animal have been extensively studied, but little is known about those of brain tumor in man. The authors have recorded RR during neurosurgical operation of brain tumor and following results were obtained.

1) When the tumor was situated near the cortical surface, the RR is not detectable in the overlaying cortex even when the cortical surface has no change in appearance.

2) In the case of deep situated tumor, no remarkable change was seen in RR.

## 99. Case Reports of Subdural Abscess

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Five cases of subdural abscess with characteristic clinical findings have been studied in our clinic for two year.

It has been recognized that subdural abscess recently has a tendency to increase. It was considered that these subdural abscess were caused by one sinusitis, two otitis media, one facial abscess, one infectious subdural hematoma.

The localization of the abscess were investigated by operation and autopsy. There were confirmed three convexity hemisphere, one parasagittal and one bilateral convexity.

Symptom is due to the time from onset and is died into meningeal irritation, intracranial hypertension and focal symptom. Concerning focal symptom, lesion localized on the convexity showed hemiplegia and convulsion, and parasagittal lesion revealed monoplegia of lower extremity.