

# One Bullet Injured Brain Stem,

## THE CEREBELLUM BULLETS PENETRATED

Location of Senator's Wound  
Reveals Wound Inflicted  
on President Kennedy

By JANE E. BRODY

One of the bullets that felled Senator Robert F. Kennedy early yesterday was said by surgeons to have possibly injured a vital area of the brain known as the brain stem.

Different areas of the brain stem control functions as wakefulness, respiration, blood pressure and heart rate. It is also the "waystation" for sensory and motor information going to and from the brain through the spinal cord.

Just four and a half years ago the Senator's brother President Kennedy was killed when an assassin's bullet tore through blood vessels in the back of the head and hit the brain stem.

As further information became known yesterday about the extent of Senator Kennedy's injuries, neurosurgeons became increasingly pessimistic about his chances for survival.

### Impairment Possible

Even survival left the possibility of permanent damage to his ability to coordinate his movements, to receive sensory information and to regain consciousness.

The Senator remained unconscious late yesterday following nearly four hours of surgery to remove fragments of bone and metal that had lodged in his brain. Unconscious persons can be kept alive for prolonged periods, and, if brain damage is not too severe, can regain consciousness weeks later and recover normal function.

Dr. Nat Downes Reid, neurosurgeon at the University of California at Los Angeles, one of the surgeons who operated on Mr. Kennedy's brain, reported that the bullet had entered through the mastoid bone behind the right ear and had followed an upward, diagonal path toward the center of the head.

### Cerebellum Penetrated

The bullet penetrated the cerebellum—the part of the brain that controls balance and coordination—and tore the superior cerebellar artery, which feeds a portion of the cerebellum.

A fragment of the bullet lodged near the upper part of the brain stem. This fragment was not removed in surgery because efforts to reach it could have further injured vital areas of the brain.

A bullet that lodged in the neck also was not removed.

The remaining fragment in the brain would not necessarily create a further hazard. Many persons today are walking around perfectly normal with metal fragments lodged somewhere in their brains.

Another of Mr. Kennedy's

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## 'Way Station' That Controls

# Key Bodily Functions

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Another of Mr. Kennedy's surgeons, Dr. Henry Cuneo of the University of Southern California, reported that the occipital lobe on the right side of the brain also had been injured. This lobe governs vision toward the left.

### Circulation of Stem

Dr. Cuneo, who made his report by telephone to Dr. J. Lawrence Pool, neurosurgeon at Columbia-Presbyterian Medical Center here, also said that the tearing of the superior cerebellar artery could have been very serious, because it may have affected the circulation of the brain stem.

It was not disclosed yesterday whether any parts of Mr. Kennedy's brain had been deprived of blood and oxygen for prolonged periods, which could result in death of the nerve cells in the deprived areas.

Dr. Pool said that, as far as was known yesterday, the portions of Mr. Kennedy's brain that control intellectual functions had not been damaged.

## CURB ON USE OF LAND IN CAPITAL IS BACKED

WASHINGTON, June 5 (AP)—The Rules Committee today cleared for House debate a bill to ban the use of Federal property in Washington for overnight campsites, such as that now occupied by the Poor People's Campaign.

The action came on a 9-to-6 vote, after the committee heard conflicting arguments that such a step could lead to violence or that it was necessary to prevent trouble.

The measure, previously approved by the House Public Works Committee, would prohibit officials from issuing a permit for use of parkland or other property for camping, sleeping, sitting-in or other overnight occupancy or for construction of temporary buildings.

It would also prohibit renewal or extension of the permit already authorized by the Interior Department for the Poor People's Campaign. The permit will expire June 16.

The measure would also set up a Senate-House Committee on Citizen Grievances to receive the oral or written petitions of citizens for redress of grievances.

## Presidencies Run in Family

LOUISVILLE, Ky. (AP)—Presidencies are no novelty in the Melvin Irvin family here. One daughter is president of the Kenwood Hills Homemakers club. Another is president of the Kentucky Southern College Library Club. A son is president of the De Sales High School Student Council.





**SUPPORTERS STUNNED:** Young volunteers for Kennedy reacting to news of the shooting Associated Press