

Frontal Lobotomy Results Discussed

First Modern Attempt at This Operation Dates to 1890; Became Frequent After 1935

(Continued from page one)

It is the best possible prospect for a lobotomy, but it may help her.

He explained how she had been an ordinary mental patient for 10 years until, in 1930, she had become violent. She had torn up 2 blankets and had hurled flower pots at other patients.

Electro-shock, psychiatric examination and other treatment had been of no value.

The operation, the doctor explained, was not expected to help mental deficiency. But, he said, it might make her more cooperative and agreeable. She might afterward require less supervision in her daily life.

Bole Bored in Skull

With a ruler, then, he measured carefully her shaved head, explaining how he knew where to make the incision. He explained the type of anesthesia being administered. After injecting novocain to reduce bleeding, he slit the scalp, exposing the skull.

Drawing the skin away from the skull and holding it back with lamps, he turned to the gallery and said, "Here's where the work begins."

He picked up a brace and bit and began to bore a hole the size of a quarter. The brace was stainless steel but it looked like the race a carpenter uses. The bit was hollow. Instead of making havings, it removed a "button" of bone.

Twenty-eight minutes after he had measured the skull, two holes were in the patient's forehead just above the normal hairline. He cleared the blood vessels with an electric needle to coagulate the blood. "Everything up to now has been getting in there to do the job," he explained.

Completed in 53 Minutes

"The job" was accomplished in less than five minutes. He reached with a knife and severed the frontal lobes of the brain from the "thalamus," or relay station, which transmits thoughts into the brain.

The frontal lobes control anxieties, conscience, shame, and "sense of decency." With these impulses cut off from the mechanism that makes her obey them, doctors hope the woman will be calmer, free of the troubles which have made her violent.

After cutting the tissue, Dr. Suess chiseled the edges of the bone buttons. He explained that he was making the edges smoother to allow them to fit into place and to speed healing. An assistant held the buttons in place while the doctor sewed the skin. The patient's skull was bandaged and the operation was completed 33 minutes after it had been started.

In a week the stitches were removed. The woman, happier perhaps than she had ever been in her life, was a child again. She had no sense of shame, no knowledge of how to eat or read, and no civilized toilet habits. These things she would have to learn again. Her "I.Q.," however, was unchanged.

Faught Like a Child

And, like most lobotomy patients, she was unaware that she had undergone brain surgery. She did not remember the tantrums she had thrown. Things had happened in the years she was "distracted" seemed like dreams to her.

As she recovered, psychiatrists, nurses and doctors began to teach her as they would a child. She learned more quickly than a child, however. A month after the operation, she was "almost toilet trained," the hospital reported. She could feed herself and was showing consistent improvement.

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performed the ice pick operation first, following it with the pre-frontal when the first operation proved unsuccessful. Also in the big note book is the case of a girl who did not respond to her first pre-frontal. So the doctors tried again, cutting deeper the second time. She still didn't show much improvement.

Dr. C. E. Bates, superintendent of the Oregon hospital, says there are three keys to making the operation a success:

1. Careful selection of the patient.
2. Individual and group psychotherapy.
3. Occupational therapy tailored to the patient.

And, of course, no lobotomy is performed without the consent of the patient's family. The hospital has more than once refused to perform a lobotomy on a patient whose family wanted it. Each case is discussed by the hospital's medical staff and voted upon before the operation is performed.

While the operation is one of the most controversial known to modern medicine, it is older than modern man himself. Skulls of cave men show holes in the forehead, indicating that primitive surgeons half a million years ago sought to operate on the brain. Their degree of success is not known.

First Modern Case in 1890

Witch doctors in North Africa and Melanesia in the South Pacific still cut holes in the heads of their patients. But they aren't trying to separate the frontal lobes from the thalamus. They do it to provide an exit for demons.

The first modern attempt at a lobotomy was carried out by Dr. Gottlieb Burkhart, a Swiss, who in 1890 removed a piece of brain to relieve a patient who had been "hearing things." The patient was cured, but other doctors took a dim view of the operation, so Dr. Burkhart abandoned the practice.

The current vogue of the lobotomy was begun in 1935 when two Portuguese surgeons, Egas Moniz and Almeida Lima, started doing them with great success. In 1949 Dr. Moniz won the Nobel prize for medicine. Drs. Freeman and Watts of George Washington University in Washington, D. C., have been pioneers in America.

New developments in brain surgery are being tried all the time. Notable is the "topectomy," in which a piece of brain is actually removed. This operation takes four to six hours and has the advantages, its advocates say, of not altering the personality of the patient.

Criticized for After-Effects

Another is the "thalamotomy," in which a needle is inserted deep into the brain, puncturing the thalamus itself. Its advocates say it does the job of the lobotomy without the surgery, the danger, or the sometimes undesirable after-effects.

It is the after-effects that pit some doctors squarely against the lobotomy. They argue it alters personality, warps the soul, and impairs the "abstract attitude." They declare the operation has been over-rated as a quick way to turn criminals into good citizens—a claim its proponents deny they ever made.

Currently the Veterans Administration is carrying out a two-to-three-year survey to see how well the lobotomy has worked on hundreds of veterans.

Both groups of doctors point out that the basic law of medicine outlined by Hippocrates, is that the doctor shall not harm the patient.

To date, however, advocates of the lobotomy seem to have the last word. They point out they do not perform the operation on persons who can be helped in any other way. And, they say, there is no recorded case of a lobotomized patient who is unhappier today than he was before the frontal lobes were cut off from the thalamus.

Forester Opens Eugene Office

H. R. Glascock, newly appointed district forester for Oregon for Pacific Northwest Forest Industries, has opened offices in Eugene to serve the forest industry in Western Oregon south of Columbia River counties. Expanding industrial forestry activities, growth of tree farming, and increasing interest in forest management by private forest owners prompted establishment of this Eugene office to better serve industry, according to W. D. Hagenstein, Portland, chief forester.

Glascock will spend much of his time in the field, helping, consulting with and aiding land owners.

He will share space with the West Coast Lumberman's Assn. in the Collins Bldg.

Jimmy Conacher, newly acquired member of the New York Rangers in the NHL, was born in Motherwell, Scotland.



'Allocation' Due to Arise Again

UO in Opposition To Teacher Colleges

(Continued from page one)

Oregon, Oregon State College, and the University of Oregon Medical School now offer advanced degrees. Graduate work is expensive—more expensive per student than undergraduate work. The state, the University's argument goes, does not have the money to spend over the entire system. The colleges' plan would mean that money there would be spread more thinly over the institutions which now offer graduate study.

2. Elementary teachers, after specializing four years in a narrow field, should be given a broader graduate education—of a type that only the University or Oregon State could provide.

3. In permitting what the academicians know as "duplication of function" the state board previously has recognized the high cost of graduate study and has not permitted duplication in this field. For example, the University's argument runs, the board permitted Oregon State College to offer major undergraduate work in business and physical education, fields already covered by the University. But, because of the cost, permission was not granted Oregon State to offer graduate work in these fields.

4. Such training already is offered by the University, which last June granted 30 graduate degrees in elementary teacher training.

5. There is no great need for graduate work for elementary teachers. Pointing out that only a bachelor's degree is required in Oregon for a permanent teaching certificate, the University cites figures which say that only half of the state's teachers have even the bachelor's degree. Therefore, the University argues, the interests of the state would be served if the colleges of education would concentrate of providing more bachelor's degrees.

The current, dignified squabble over teacher training is similar to a battle carried on two years ago when the state's school superintendents went to the board to ask that the University and the State College be permitted to train elementary teachers. At that time, and now, this field was reserved for the colleges of education.

The University and State College both at that time took no part in the controversy, declaring they felt they should concentrate on their allocated fields—training high school teachers and school administrators and offering graduate work.

President A. L. Strand of Oregon State College has not taken part in the current controversy.

Boy Falls Into Chute; Safeguards Asked

Friday morning, a blind man, Wilbur Harrison, fell through an open sidewalk elevator hatch on West 8th Ave. and broke an arm.

Several hours later, a small boy fell into an open sawdust chute in front of 809 Oak St., but escaped unhurt.

The boy's father, Fred Braatz, of 110 E. 12th Ave., reported the incident to city police with a request that proper safeguards be provided to prevent another sidewalk accident.

Coed House Leads Grades

Leading all campus living organizations in fall term grades at the University of Oregon was Ann Judson house, Baptist living organization, with a 2.915 grade point average. Pi Beta Phi ranked second with 2.861 to lead all sororities, and was followed in third place by the Ordes, Eugene resident women's organization.

Sigma Hall paced the men's organizations with a 2.788 average, followed by Tau Kappa Epsilon fraternity with a 2.704.

A slight rise was noted in the all-university average over fall term last year, from 2.49 to 2.498. The all-university average last spring was 2.673.

NEWS BRIEFS

CLOUDY AND CONTINUED WARR

U. S. WEATHER BUREAU FORECAST: Eugene and vicinity: Mostly cloudy with occasional showers Monday and Tuesday; little change in temperature. Western Oregon: substantially the same. Local Statistics: Highest temperature Saturday, 48; low Saturday, 35; rain in 24 hours ending 4:30 p.m., trace; total for month, 0.48 inch; normal for month, 4.70 inches; stage of river at 7:00 a.m., plus 0.1 feet; wind at 8:00 p.m., SW 6; prevailing Saturday, SW 11. Sunrise and sunset (PST): Sunday, 7:47 a.m., and 4:49 p.m.; Monday, 7:47 a.m., and 4:50 p.m.

Tides

SUNDAY, JANUARY 6, 1932	
High 7:27 a.m.	8:58 p.m.
Low 1:10 a.m.	2:52 p.m.
MONDAY, JANUARY 7, 1932	
High 8:31 a.m.	10:08 p.m.
Low 2:18 a.m.	3:45 p.m.
TUESDAY, JANUARY 8, 1932	
High 9:22 a.m.	11:04 p.m.
Low 3:24 a.m.	4:46 p.m.
WEDNESDAY, JANUARY 9, 1932	
High 10:11 a.m.	11:52 p.m.
Low 4:20 a.m.	5:28 p.m.
THURSDAY, JANUARY 10, 1932	
High 11:58 a.m.	8:16 p.m.
Low 5:10 a.m.	6:07 p.m.
FRIDAY, JANUARY 11, 1932	
High 12:33 a.m.	11:39 p.m.
Low 5:58 a.m.	6:46 p.m.
SATURDAY, JANUARY 12, 1932	
High 1:09 a.m.	12:18 p.m.
Low 6:27 a.m.	7:21 p.m.
SUNDAY, JANUARY 13, 1932	
High 1:43 a.m.	12:55 p.m.
Low 7:15 a.m.	8:04 p.m.

San Diego Feels 3 Queer Blasts

They Appear Similar To Jet Shock Waves

SAN DIEGO, Calif., — Three mysterious blasts near the San Diego area Friday night but investigation Saturday failed to reveal any damage. Police Coast Guard officials said had "absolutely no idea" what caused them.

Earlier, a similar blast near the Venice-Playa Del Rey near the Los Angeles International Airport, 125 miles west. No cause was found for the blast, although material evidence that it occurred was found plaster jarred from the ceiling one home.

One of the San Diego detonations registered on Seismograph Fred Robinson's seismograph Point Loma residents thought ammunition magazine had blown up at Ft. Rosecrans, on the point, but there was little live ammunition at the base which is on a stand-by basis.

The "explosions" were similar to several reported in Los Angeles last summer. These were attributed to shock waves initiated by aircraft. Authorities explained then that such waves set up planes diving at supersonic speed would achieve a blast-like effect when striking the earth.

Jet aircraft are based at several fields in Southern California and Los Angeles International Airport reported that jets were reported. However, there was "no information that a supersonic shock was to blame."

Helmet Lodge No. 33, Knights of Pythias, and Helmetia Temple No. 29, Pythian Sisters, will hold a joint installation of officers for 1932 Monday evening at the Knights of Pythias Hall.

Mothers Club of Boy Scout Troop 66 will elect officers at a meeting at 7:30 p.m. Monday at River Road School.

Eugene Hearing Society's January luncheon will be Friday, Jan. 11 at the City Club building, 450 East 14th, at 1 p.m. Hostesses are Mrs. E. S. Fish and Mrs. Walter Hodes. The board of directors

Daisy A. Walker

Daisy A. Walker, 73, of Blue River died Friday, Jan. 4, 1932. Complete obituary and funeral arrangements will be announced later from the Bartholomew-Buell Chapel.

CG Council to Meet

COTTAGE GROVE — The city council will hold a regular meeting here Monday at 8 p.m. City Recorder Don Allen said nothing but routine business is scheduled.

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