

Use of Two Scalpels in Surgery Not Necessary, Doctor Declares

By DELOS SMITH
United Press Science Editor
New York.—Current surgical shop-talk is that a surgeon really doesn't need to use two scalpels, one to cut through the skin surface, the other to cut when he gets deep down inside. The two-scalpel school is well established and just about universal. Dr. Henry Reich of Newark, N. J., becomes a surgical world-shaker when he challenges its worth. Reich has said openly that one scalpel is enough.

Prevention of Infection
The basis for the two-scalpel is the prevention of surgical wound infection. Toward that end, patients are scrubbed, surgeons and nurses scrubbed, and the body areas around wounds are draped.

Despite all precautions micro-organisms may remain on the skin surface. Some seem to stand up to any attack. Theoretically the sterilized scalpel which opens the surface may pick up micro-organisms.

To prevent that scalpel from carrying these micro-organisms into the interior of the wound, the surgeon discards it and takes another sterilized scalpel with which to go deeper.

Clamps Not Discarded
"Why discard only the scalpel?" asked Reich. "Clamps used to check surgical bleeding, scissors which cut the sutures and certainly the surgeon's gloves repeatedly come in contact with the skin before wound drapes are applied, yet these are not discarded."

It seemed to him that his colleagues were barking up the wrong tree — that they were bound by tradition. So in Beth Israel hospital of Newark he organized the following experiment:

The scalpels used to cut through the skin surface of 100 consecutive operations were placed in culture tubes, and so were the second scalpels which were used for the inside work.

These culture tubes were incubated to see what micro-organisms multiplied, if any. Of

the 100 scalpels used to open the surface, only four picked up skin micro-organisms, staphylococcus in three cases and streptococcus in the fourth.

But of the 100 scalpels used for the inside work, 11 became contaminated. The interesting question here was where had the contaminating micro-organisms come from?

Two Wounds Infected
Involved in the 100 operations were 25 surgeons and assistants and 12 scrub nurses. But no one of the 37 had been involved in more than two or three of the cases of contaminated scalpels. Were the micro-organisms air-borne or did they come from the patient's skin surface despite

the use of two scalpels? Answers have to be guesswork.

In none of the 100 surgical wounds were both the first and second scalpels contaminated. As to the wounds themselves, only two became infected, and only one by the micro-organism cultured from the scalpel. Neither caused much trouble and it should be remarked that this very low rate measures up to the highest standard.

Reich cited the standard text book in his technical Beth Israel paper, which calls for two scalpels. "Not necessary," he said. A surgeon can use one scalpel "until a new sharp blade is needed unless it becomes obviously and grossly contaminated."

BUTTE FALLS Party Given For Couples

By MARY JO HARRIS
Butte Falls.—A farewell party was held Tuesday evening, May 14, at the Butte Falls hotel, in honor of Mr. and Mrs. L. O. Machlan and Mr. and Mrs. Cecil Taunton.

The Tauntons, former proprietors of the Butte Falls Shell Service, have made plans to leave within the next few days for Whittier, Calif. The Machlans' plans are uncertain.

Centerpiece for the table at the party consisted of a maypole surrounded by May baskets made of cupcake. Games were played and going away gifts were presents both couples.

Guests were Mr. and Mrs. Charles (Red) Capello and son, Jerry, Mrs. William (Al) Hartle, Mr. and Mrs. Roger Harris, Mr. and Mrs. Mannie Poole, Page Stauffer, Mr. and Mrs. William Harris, Mr. and Mrs. Doug Finch, Mr. and Mrs. Ray Sheppard, Mr. and Mrs. Ted Reddell, Mr. and Mrs. Tom Stanton, Mr. and Mrs. Andy Hamstra, Mrs. Ben Olson, Mr. and Mrs. Art Backlund, John Henshaw and Mrs. Bernard Parton.

Hostesses were Mrs. Roger Harris, Mrs. Ted Reddell and Mrs. William Harris.

Mr. and Mrs. Cecil Taunton had just returned from a month's trip to visit with friends and relatives in Chicago. One of those they visited was Mrs. Taunton's father, who was 80 years old Monday, May 13.

Mr. Glenn Cathey returned to Butte Falls, Thursday, May 16, following a two week's stay in the Sacred Heart hospital. When she entered the hospital, Mrs. Cathey was on the verge of having pneumonia. She is now convalescing at her home.

Jim Rodgers left Butte Falls Thursday, May 16, to enter the hospital and undergo surgery Monday, May 20. Rodgers hasn't been completely well since he last underwent surgery.

Ernest Smith entered the Osteopathic hospital Tuesday evening, May 14, for a hernia operation.

Chippier Jolliffe recently spent a week with his paternal grandparents, the W. D. Jolliffes, of Redding. Mr. and Mrs. Lee Jolliffe and Jerry Ferguson motored to Redding, Sunday, May 12, to bring their son home. Jerry is a brother of Mrs. Jolliffe.

Mrs. Ernest Smith recently returned from Wyandotte, Okla., where she had spent several weeks caring for her mother. Mrs. Smith reported her mother is much improved. On her return trip she stopped in Bakersfield to visit with her sister, Mrs. Viola Crockett, whom she found seriously ill following a stroke.

Mr. and Mrs. Warren Hartley and daughter, Helen, were week end guests in the Orb Abbott home. The Hartleys are the former proprietors of the Butte Falls tavern.

Mrs. Clara Kent recently spent several days at the home of her daughter, Mrs. C. A. Hansen, of Medford.

Miss Pauline Clymer was guest of honor at a birthday party given May 10 at her home. Pauline was 11 years old. She is a daughter of Mrs. William (Doc) Bowen.

Games were played, gifts opened and cake and ice cream served.

Guests were the Misses Beverly Mattern, Charlotte Conard, Robin Simmonds, Daylene, Judy Burg, Joan Ruddick and Donna Kay Dillard.

Mr. and Mrs. Booth Dyer, former residents of Butte Falls, are the parents of twin boys born Friday, May 10, at the Sacred Heart hospital. Birth weights were 5½ and 6¼ pounds. The boys have been named Jerry and Jimmy. Mr. and Mrs. Pharoah Dyer of Butte Falls are the paternal grandparents.

Mr. and Mrs. William Harris honored their mothers at a dinner held Mothers day, May 12, at their home.

Guests of honor were Mr. and Mrs. Roger Harris of Butte Falls and Mr. and Mrs. Vern Helbig

Flood Waters Receding in Oklahoma; Nebraska Area Hard Hit by Rain, Wind

By UNITED PRESS
Rampaging rivers that turned parts of Oklahoma into a vast sea during the week end receded today, and authorities counted damages in the state's "greatest disaster" at about \$25 million.

The Arkansas river, in its worst flood in history, spared the city of Tulsa Sunday when it began subsiding after cresting about one foot above the 19-foot flood stage.

The river overflowed downstream at Bixby, forcing some 1,000 residents to flee, but many of them were able to move back by nightfall.

State Civil Defense Director Tom Brett termed the floods Oklahoma's "greatest disaster." He estimated damage to farms and other private property at \$17,855,000. Highways, bridges and roads suffered an estimated \$7 million in damage.

Nebraska Highways Blocked
Heavy rains in the Nebraska Panhandle during the night blocked numerous highways with up to one foot of water. Hardest hit were the Scottsbluff, Minatare, Bayard and Alliance areas where water swirled through the streets and flooded basements.

A storm with at least five tornado funnels raked Scotts Bluff county in Nebraska early today, causing considerable damage to

farm homes, outbuildings, trees and communications lines.

The storm tore the 10-room farm home of Lyle Dugan off its foundations and ripped off half the roof.

Boards Driven Into Homes
A garage on the farm of Frank Kishiyama was destroyed and heavy boards were driven into the sides of the Kishiyama home like arrows.

A number of communications lines were knocked down by the wind and basements in the city of Scottsbluff were flooded. The Scottsbluff Weather Bureau recorded 2.13 inches of rain but some fields were reported to have had six inches of water. Heavy hail was also reported in the area.

A United Press count showed at least 33 persons have been killed in weather-caused accidents since Wednesday when a tornado slammed into Silverton, Tex. There were 22 dead in Texas, 9 in Oklahoma and 2 in Kansas.

In California, a new storm headed for northern sections of the state in the wake of week end rains that gave the state its wettest May in 32 years.

Train Derailed
The storms caused at least 15 traffic deaths and several land-slides, one of which derailed two units of a Western Pacific streamliner Saturday in Feather River Canyon. Four crewmen were injured in the wreck.

At Stockton, Calif., Army and civilian helicopters were scheduled to take part in an attempt to dry out the rain-soaked Central California cherry crop.

The 'copter blades will be used to fan the orchards in hopes of preventing mildew on the ripening fruit.

Portland.—The Columbia and Willamette rivers inched upwards toward their spring crests in the Portland area today with moderate to substantial rises predicted later in the week.

The Columbia at Vancouver, Wash., today was 20.8, which is 5.8 feet over flood stage. The Willamette in Portland was 20.7, which is 2.7 feet over the flood mark. No major damage has been reported.

The weather bureau predicted slight rises in the lower Columbia and Willamette rivers for the next two days with sharper rises upstream in the Columbia. The Willamette was not high further upstream.

By UNITED PRESS
High water problems broke out in new quarters of Idaho today with the Snake river at Lewiston expected to flood lower sections of the city and water already standing in basements at Ontario.

The weather bureau at Boise said the Snake river at Lewiston was expected to reach between 18.5 and 19.5 by 6 p.m. Flood stage at Lewiston is 22 feet, but the lower level would cover extreme low areas of the city. A stage of 22 feet actually

Senate Tackles Heavy Calendar In Closing Days

Salem.—The Oregon Senate delved into a heavy calendar today, tackling 30 measures including those for \$12 million worth of new state buildings, while the House took the morning off although it had 23 measures to tackle itself when it met at 2 p.m.

The Legislature, in the 127th day of its longest session in history, had Tuesday night as its target date for adjournment. But several observers said they would rather see an orderly closing Wednesday than a last-minute jam closing Tuesday.

Senate President Boyd Overhulse has consistently advocated an orderly closing.

Building Programs Up
Up for final action by the Senate were House-approved measures calling for a \$5 million state institutional building program and a \$7 million building program for the state system of higher education.

The two represented major appropriations in the general fund budget expected to be about \$272 million for the next biennium, up from the current biennium but down considerably from the budget of some \$300 million that several had advocated.

Another measure along construction lines up for Senate action today would authorize investment of \$1 million of the state unemployment reserve fund in a state office building.

The money would be repaid by rentals charged state agencies quartered in the building. Also contemplated were branch state office buildings upstate, to be constructed as they are needed.

Pay Raise Bill in House
Up before the House were Senate approved measures to raise the pay of State Police, Circuit Judges and Supreme Court Justices.

Another Senate approved measure up for House consideration would authorize some state agencies such as the State Highway Commission to hire their own attorneys instead of having them designated by the attorney general.

Qualities on which the award will be made will include integrity, leadership and dedication to public service, such as were exemplified in the former governor. The fellowship was determined because Paul Patterson was a graduate of the university, class of 1923, and of the school of law, class of 1926.

Patterson Memorial Fund Due at U of O

Eugene.—An endowed fund in memory of Paul Linton Patterson, 26th governor of Oregon, will be established for the University of Oregon as the result of a drive that starts this week in the state.

William P. Hutchinson of Portland will head up the drive as campaign director. Chairman of the fund, which will be known as the Paul Patterson Memorial Fund, will be John C. Higgins of Portland. Chairman for the Medford area is Otto Frohnmayer.

Goal of the drive is the sum of \$50,000. The income from this fund will be awarded annually to an outstanding student in law at the University of Oregon. The winner of the award each year will be known as the Paul Patterson Fellow in Law and Public Service.

Qualities on which the award will be made will include integrity, leadership and dedication to public service, such as were exemplified in the former governor. The fellowship was determined because Paul Patterson was a graduate of the university, class of 1923, and of the school of law, class of 1926.

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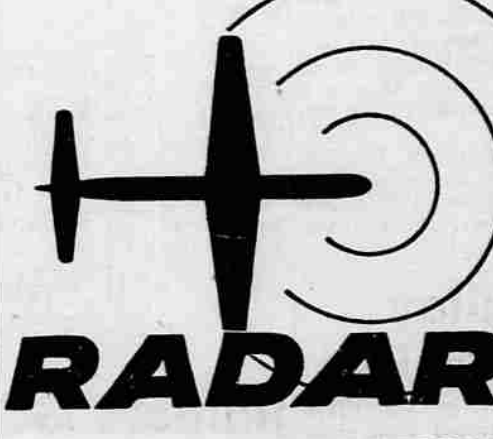
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Sabrejet Fighter Sets Flight Record

McGuire Air Force Base, N.J.
—An Air Force Super-Sabrejet fighter set an unofficial transcontinental record Sunday when it swept across the country in 3 hours and 38 minutes.

The red, white and blue F100F, piloted by 32-year-old Maj. Robinson Risner, averaged 602 miles per hour on the 2,405 mile trip.

The old record, also termed "unofficial" by an Air Force spokesman, was set by Col. Robert Scott in March, 1935, when his F84F jet streaked from California to New Jersey in 3 hours and 44 minutes.

Tuesday, Risner will pilot his Super Sabrejet along the trans-Atlantic route taken by Charles A. Lindbergh 20 years ago. When Risner's F100F lands at Paris it will be the first plane of its kind in Europe.

A recent survey of foods eaten in a school cafeteria disclosed that about 80 per cent of the school children had chosen a balanced lunch, but only 50 per cent of the teachers had done so. Milk and milk products represented the principal lack in the teachers' diets.



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Famed Painter Dies In Fire at Studio
Los Angeles.—Famed portrait painter Penrhyn Stanlaw, 80, creator of the "Stanlaw Girl" of nearly 50 years ago, was burned to death Sunday in a fire at his studio.

Firemen said the artist apparently fell asleep while smoking a cigarette in an overstuffed chair.

Stanlaw, a graduate of Princeton, and a native of Dundee, Scotland, worked for the Chicago Daily News, in the movie industry and was a contributor to the Saturday Evening Post during his career.

His "Stanlaw Girl" was a hit with magazine editors and advertising agencies.

Christopher Columbus died in Spain on May 20, 1506.

Civil Rights Bill's Chances Increased
Washington.—Chances for passage of President Eisenhower's civil rights legislation increased today with new moves being made to bring the measure to a vote in both houses.

Rep. Emanuel Celler (D-N.Y.) said a civil rights bill he authored would be approved in the House Rules committee Tuesday. He predicted the measure would be passed by the House and sent to the Senate within a month.

Sen. Everett Dirksen (R-Ill.) said he would try to get the House-passed bill to the Senate floor for a vote at the "earliest possible moment."



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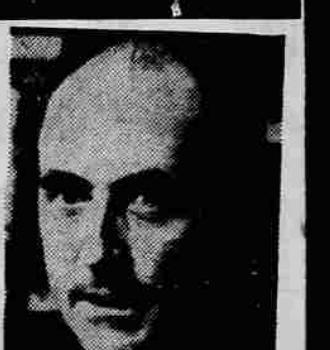
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