

and merits of the cure and especially the after effects upon the patient. This was to be expected when we consider that ac-cording to the latest médical satisfies there are simest 100,000 epileptics in the United States to whom, until very recently, prac-tically no hope of a cure could be offered by With except are simest 100,000 epileptics in the United states to whom, until very recently, prac-tically no hope of a cure could be offered by Waiter E Dardy one of the surrecent

results which now are declared fully to have established the curative efficacy of The tongue and lips are bitt

cretion of matter. This secretion had cept the fits or spasms. It is more formed a pocket between the top surface of the brain and the glove-like covering, etherwise the membrane, which fits tightly Remedies, treatments methods

over the brain itself. relief and operations for the

This is accompanied, or followed. with exception of the type called Jacksonian epilepsy, by loss of con-

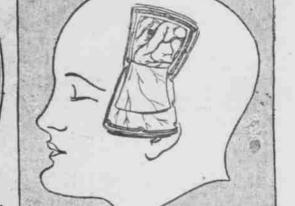
Then come hours of sleep, coms, or geons that the underlying brain spot drowsiness. At this time somnambu- had been softened much as a spot in lism and other acts not recalled in the skin of an orange is softened by

States to whom, until very recently, prac-lically no hope of a cure could be offered Dr. Waiter E. Dandy, one of the surgeons attached to the university staff, operated on two epileptics several weeks ago with and some epileptics have thus shot the brain was all right and in all respects healthy and normal. The tongue and lips are bitten, the

affected area of the The entire simple. He opened the skull of each of may roll in uncanny fashion in the tit, might, with the fluid in it, be his two patients at the precise spot where midst of an attack. as he knew, he would find a very little Petit mal has all the signs are called a cyst or sac two inches square

The sharp and easily discernible de-Hneation of the area diseased or in-jured in this epileptic could be made out even by the inexperienced eyes of the nurses and others present at Romedies, treatments, methods of





A section of the membrane surrounding ment of epilepsy have been many term may very aptly be called a bubble, since the time of Moses and before. was thrown back, exposing the brain itself and the tiny bubble to which the spllen-tic's condition was attributed. The bubble the bubble is a stributed in the bubble in the bubble in the bu tic's condition was attributed. The bubble However, the law of medicine, which is: "Whenever there are many cures

lepscy has been manifested since. On this page today Dr. L. K. Hirshberg of Johns Hopkins university explains in detail the important stages in each of these remarkable cases. Dr. Hirshberg the operations were performed and he had Johns Hopkins hospital says, "The an excellent oppertunity to study the prog- Presentation of Two Cases of Epiross of each case

may be asked how Dr. Dandy knew exact spot on the brain's surface. The Dr. Walter E. Dandy. accompanying sectional view of the upper portion of a head will aid in answering English instead of m that he would find the tiny bubble at some

serves as a guide to the physician in locating the bubble. Epllepsy does not affect to the Johns Hopkins medical society all allke. Sometimes it can be traced to the head, at other times to the feet or the hands. And the head, feet and hands the figure indicate relatively the particular portion of the brain in which the merous operations upon the brains offending hubble has formed.

BY DR. LEONARD KEENE HIRSCHBERG.

A. B., M. A., M. D. (Johns Hopkins look for its treatment,"

PASMS, or epileptic attacks, have D now been apparently cured at Johns Hopkins hospital. You need only imagine what might have happened to change the map of the world this way: Six months ago, without if Napoleon had been cured of any warning, he was suddenly seized epilepsy.

Numerous other famous historic characters were afflicted throughout their lives with grand mal or petit right arm and leg, and soon spreading mal, different stages of epilepsy, or to all of his muscles as & typical fit convulsions. or spasm.

There are so many epileptics in the world that several states, notably few minutes, and after he recovered New York, have established colonies his speech was affected, his leg and for them right arm weak.

Epilepsy in popular speech is called "spasms," "fits," "seizures," "attacks," "convulsions," "onsets," "grand mal," These have been many and frequent, "petit mal," and similar names.

So-called attacks of hysteria, or Dandy, the fits continued and were hysteric convulsions, are sometimes often only three minutes apart. true enllepsy. When they are not appears to be

when they are due to some disorder of the glands such as the thyroid. pltuitary, adrenal, or gonads.

True epilepsy is divided into three 1-With muscle spasms and uncon-

sciousness called "grand mal." 2-With muscle contractions and no go to the tongue and speech muscles.

unconsciousness. 3-With a fleeting moment of unconsciousness and no muscular fits, fits the brain like a glove, was thick- England to render in water color petit mal.

While there are many differences were present. in each individual's form of epilepsy, as a rule the grand mal or major epilepsy begins with some muscle twitch of a particular member, finger, ankle, eyeball, or a spot, which if carefully sought can be found.

"There could be no doubt," says Dr. out spot, so precisely located must have a causative connection and bear-ing upon the production of the fits or However, the law of medicine, which spasms.

carsuity removed and the altesta treated with lodine. each case the patient's skull healed quickly and not a symptom of epi-cy has been manifested since. "Theumatism" and cancer That is 'the state of this nature on the brain is 'Whenever there are many cures for a disease, there is none" holds as well for epilepsy as for "colds." "Theumatism" and cancer That is 'the state of the state as well for epilepsy as for "colds."

lepsy Apparently Cured by a New

Form of Operative Treatment," by The announcement in simplified

English instead of medical phrasethat question. The figure inside the brain ology means this: "The two patients were presented

mon-yellow tint.

A "From observations made at nuof epileptics I have come to the conclusion that epilepsy is due

to a definite injury of the brain and am encouraged to a hopeful out-

ry juice. The first patient cured in this way is a miner, 34 years of age. Until the wooden statuettes and said the boy tude. onset of his present illness, epilepsy. shrould learn to draw. He should be a he had always been quite well. sculptor, said the friend. But the boy

with a convulsion, which began in the right half of his tongue, the right side of his face, thence passing down the sheep at home.

He was unconscious for probably a

Thereafter, these had disappeared and he had many petit mal attacks. art, able to stand alone and to fight for the new ideas he brought into it. After he came under the care of Dr Beauty of Color Taught.

When he died a few days ago in In fine, he had about 250 attacks completed his life work, for he had some original postry were read to in the 24 hours, because they were

maintained even in sleep. It was finally decided to "trephine." or open the skull and explore the left pageant of such brilliancy that it has verses and concluded by asking: varieties, all really degrees of the bemisphere controls the oppeate side and taught the eyes of another to de-same malady: half of the brain-because each dazzled the eyes of one generation

wrong over the part where the fibers are most closely crowded and which pression and recognition so early that There, sure enough, it was discov-ered that the bag or membrane which paint dark Castilian beauties and in In spite of the disappointment is

ened, opaque and bulging as if fluid bright-cheeked Anglo-Saxons. He re- of the painter's constant admirers. turned to Sweden and married. Up to For years he maintained a studio in Beneath this thickened spot there 1887 he had painted exclusively

was a considerable accumulation of water color. After lymph or jelly-like fluid with a pale together in oils. water color. After that he painted al- nary etching of Ernest Renan and He was painting in the United sometimes in the form of portraits of

When this membrane called the States in 1853 and exhibited an entire great personages, but oftener in the Thence, almost instantly, the twitch- and the liquid in it allowed to ea- world's fair. The portraits of society to have been glimpsed casually. ing spreads, like the eddles from a cape, it was entirely plain to the sur- women did not create such a stir as Returning again to Sweden, he since early in the war.

Dandy, "that such a sharply marked The figured diagram of the brain which guides the operating surgeon in locating the brain bubble before he commences to cut through the skull.

> It seems probable that direct impli- I found that iodine efficiently obcation of the brain' fibres is re-

> found that loaine literated the space. In this patient the fluid areas were opened with a sterilized needle, the fluid released and the spaces injected with lodine. The action caused ad-hesions in a few days and a hesions in a few days and a sponsible for the convulsions and epileptic seizures. The fluid and its ressure may incite the attack. Dr. worked on this plan and ob-From experiments on animals he the cyst.

3-The membrane is hinged back, exposing

the bubble which is immediately removed.

The day after the operation the | had four or five attacks daily for sevpatient had his last epileptic fit. Since eral years before the operation. He then, three months and more, he has has not had one since.

Here then, at last, there is a cure had not the semblance of any. He is for some sufferers of epilepsy. All

Some time ago Dr. Dandy used this operation for the first time on a boy, 8 years old, afflicted with fits. He had brain affected.



As Boy in Sweden, Great Painter Used to Carve Animals From Wood and Color With Berry Juice While Tending Sheep.

Kansas City Star. fa certain Parisian scene in which a PEASANT boy used to sit among woman was about to step from the the white-stemmed birches in curb into a waiting omnibus. Th the province of Dalcarlia, Swe- | cross-currents of light as they fell on dein, carving horses and dogs out of the persons in the vehicle and on the wood, ginneing up occasionally to see woman's bright raiment startled by that the flock of sheep he was tend- their intensity and realism, but they ing did not stray far away. He col- were admired, as were also the dar-

ored the little images with huckleber- ing nudes which many predicted would not be admitted to an exhibition in A friend of the boy's father saw the a land noted for its puritanical atti-

Ideas Are Vigorous.

Zorn was as vigorous in his ideas had other plans. After studying for a as he was in his drawing. He was inwhile at a small art school, he decided duced to talk a little about America that sculpture did not lend itself so when he returned to Sweden. He adreadily to his needs as, the purple- mired Winslow Homer for his landhued horses and cows he had carved scapes and sea pictures, Simmons for out of wood while he watched the his decorative motifs and Cecilia Beaux in portraiture. But he had Anders Zorn was only 15 then, but in the untaught peasant boy was the en," he said, "can never be quite insame spirit of independence and the dependent in such work. They must same love of color that made him the greatest portrait painter of his time as well as a pathfinder in the field of content with the statement of the neath. color, a valiant figure in the world of fact-women are women?"

Once, while painting old King Occar of Sweden, with whom 'he sometimes went yachting, the monarch, who delighted in verse writing, asked Zorn Stockholm, Zorn may be said to have whether he would be disturbed if

completed his life work, for ne has him. made the world richer by such a "Not at all," replied the painter vision of color as nobody dreamed of "Not at all," replied the painter. 50 years ago. His pictures form a Whereupon the king read some of his "Well, what do you think of it?" "I think it is a lot of rot," said

"But it was I who wrote it." re-

"How could I tell that ?" answered

In spite of the disappointment he 000. must have felt, the king remained one

every boat here has sailed for Hi-

painted the lovely northern types chiefly peasant girls with their bright eyes and dazzling complexions and kerchief head coverings. The originality of his style made every subject exceptional. By a great number of seemingly random lines in his etchings and by a similar method in the use of color, he obtained effects surpassingly luminous, spirited and unfailingly interesting.

Whenever any dispute arose con cerning his work. Zorn displayed a U J igor of speech and a capacity for fighting that never failed to win a victory. One such dispute arose over a picture of King Gustavus Vasa, a mitted. portrait at the University of Upsala, Since ish banknotes. Zorn was employed to restore It.

Outery Follows Restoration.

After he finished his work on it a menians from entering. There are many rumors in Constangreat outcry was raised in the Swedish press, which alleged Zorn had tinople, probably all of them ground-completely spoiled the picture and less, that Greek troops will take the that the restored Gustavus Vasa is church by force, regardless of peace nothing like the old Gustavus Vasa, conference rulings, eliminate the Mos Zorn explained that the old picture lem alterations from its interior and itself wasn't the genuine one, as he restore the Christian character imdiscovered in the process of restora- parted to the historic building by the tion that it had been painted over and Emperor Justinian when the present building was erected under his direc the true original appeared under-This happened to show an tion in the sixth century.

well.

entirely -different face, so that the Turks have declared they will dy Swedes apparently had for centuries namite the mosque before they will been under a delusion as to how their permit it to be desecrated by the great warrior king looked. Greeks, and spice is added to life in The artist was a great admirer of Constantinople by recurrent rumors

the American nation-as proof of that the Turkish nationalists have which he gave \$25,000 to a fund to mined Saint Sophia and many other important buildings preparatory to razing them before a Greek advance enable Swedish scientists to pursue their studies in the United States. into the Turkish capital. Such an

He became immensely wealthy and retired to a chateau which he built advance is not regarded as improbable. The ability of the Constantinear Stockholm and filled with treasnople government to enforce th ures of art. There he occupied a lovely terms of any treaty is questionable woodland studio and from there he as long as Mustapha Kemah controls dispensed numerous benefactions. His gifts on behalf of poor children were practically all the remaining fragalways princely, one of them taking ments of the orders from the sultan. native village, built at a cost of \$50.

Big Pearl Harvest Expected.

operations. opened at Hikueru, Paumoto islands, on the first of August. Practically Constantinople that the Turkish cap In spite of the boast of Russians in ital and Saint Sophia will eventually tail and Saint Sophia will eventually tail and Saint Sophia will eventually tail into their hands as a result of the discensions among the entente pow-ers the Turks show no disposition to bar Russians from their most historic

TURKS WILL RAZE ST. SOPHIA TO KEEP MOSQUE FROM GREEKS

Nationalists Have Mined Structure Is Rumor-Moslems Fear Foes Will Take Church by Force and Restore Christian Character.

ONSTANTINOPLE, Sept. 18-Pans- of Russians frequent the great shrine. ports are now demanded of Cossacks in their fantastic, longvisitors seeking to enter Saint skirted black coats embellished with Sophia, and any Christian who cannot establish the fact that he is neither Caucasian princesses, gay in brightestablish the fact that he is neither Greek nor an Armenian is not adcolored Parisian gowns; tight-belted Tartars, with their quaint curved

portrait at the University of Upsala, Since the Greek advance eastward swords; peasant women in their believed to have been painted in 1542, into Anatolia and the boast of Greeks cheerful hand - embroidered headand the only authentic portrait of that they will recover Saint Sophia shawls and aprons, and Denikine's that Swedish hero. It is on the Swed- within a year, Moslem authorities wounded soldiers all mingle freely with the Moslem worshipers. have doubled the guard about the Moslems treat Russians with the same great mosque and take special preindifference displayed toward British cautions to prevent Greeks and Arand French soldiers and American sailors and relief workers who wan-

der through the majestic mosque and are shown by noisy guides how the Christian angels and the mosales of Jesus and the Virgin Mary were clumsily concealed by the Moslem artists who turned the Christian sanctuary

into a house of worship for Islam. The Turks do not love the Russians Neither do they hate them. No Christian is loved by a Moslem, but the power of the Turks to hate is exhausted on the Greeks and Armenians. They regard Russians as a lesser evil than the Greeks. Any Turk one meets in Constantinople frankly says he would accept Russian ontrol of Constantinople in preference to Greek domination. And he says it with a full realization that Russian domination would probably mean bolshevik domination

Mother's Sweet Boy Explains.

Pittsburg Chronicle-Telegraph. "Freddy, do you know what became of that plece of cake that was left on the tray?" asked mother.

"Yes, mother." replied Freddy in Greece has the only troops which the sweetest of tones. "I gave it to could undertake further punitive a little boy who was so awfully hunmeasures and might reasonably be gry.

expected to demand Constantinople as "That was good of you. Who was the reward for additional military it?

"It was me, mother."

Flaked Fruit Is Latest.

KELOWNA, B. C .- A new industry is being started here for the manu-facture of a product known as flaked fruit, which is claimed to be superior

mosque. Every afternoon hundreds to the evaporated article.

PAPEETE, Tahiti.-Pearl diving

in Paris, where he made an extraordipainted the bright world as it passed,

Zorn, without hesitation. torted the royal sitter.

Born in 1860, his genius found exby the time he was 22 he was away