

MANILA ITCH AND SMALLPOX.

Dr. Mayo's Comprehensive Differential Diagnosis of the Two Diseases—Where They Have Elements in Common and Where They Differ.

When Dr. Mayo, on Monday night last, startled the Salt Lake Medical Society by the positive declaration that a careful study of the pustular epidemic that had made its appearance in various parts of Utah, had convinced him that the question of a doubt, as not being smallpox, he took a strong stand and made a strong case; one that the fraternity has in nowise shaken, and one in which he appears to have decidedly the best of the argument. No contentions was he regarding his conclusions that he placed his resignation as city quarantine officer, in the hands of Health Commissioner King, believing that there was a determination on the part of the sanitary officials to maintain that the disease was genuine smallpox, and knowing that under those circumstances it would be better for him to step down and out. His address, which was the most interesting, instructive and logical presentation of the case thus far made, was published in the "News" in its entirety. Even doctors who differed with him in his deductions, declared it to be the best paper ever read before the society, and laymen felt that they had been greatly enlightened. Accompanying the address was a comparative or differential diagnosis of the two epidemics—smallpox and the prevailing malady, which Dr. Mayo, declares is nothing more or less than Manila or Cuban Itch, brought to this country by American soldiers home from the recent war. This diagnosis is instructive in the highest degree and shows where the two maladies have elements common to each other and where they differ. This difference, it will be observed from the following comparison is very great after the primary stages have been passed:

DIFFERENTIAL DIAGNOSIS.

TYPE OF PREVAILING DISEASE.	SMALLPOX.
There are no varieties. All are of same general character and differ in degree only.	The varieties are: Varioloid, Discrete, Hemorrhagic, Confluent.

INCUBATION.

FOURTEEN TO EIGHTEEN DAYS.	FOURTEEN TO TWENTY-ONE DAYS.
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SYMPTOMS.

FIRST TO THIRD DAY.	FIRST TO THIRD DAY.
At onset patient complains of cold; feels as though an attack of grip or influenza were coming on. Temperature, 101-102. Little or no vomiting. Pulse full and rapid. Little or no prostration. No delirium. No convulsions in young. In a few cases there may be sleeplessness.	Onset sudden, violent chill, persistent vomiting, agonizing pain in back and head, shooting down the limbs. Temperature, 103-104. Pulse full, strong and rapid. Prostration great from onset. Eyes injected. Sleeplessness, delirium, convulsions in young.

THIRD DAY.	THIRD DAY.
No coarse red spots appear.	Coarse red spots appear on lips and forehead. With appearance of these spots temperature falls to normal and patient is comfortable.

FOURTH DAY.	FOURTH DAY.
Eruption appears. Its character is poorly that of acne. In some instances the short-like papule appears, but rarely. Temperature falls to normal and patient invariably gets up if he has gone to bed and says he is well. The eruption appears on face first, then about the forehead, cheek and chin. In women and children irregularly about face. There is usually a new throat.	Small red spots appear on forehead at junction of hair, followed by their appearance on extremities. Papules follow red spots. They have a shot-like feeling.

FIFTH DAY.	FIFTH DAY.
Acne-like eruption and papule develop into vesicles which assume an umbilicated at once. These vesicles are umbilicated and are not umbilicated. The serum which exudes at the spaces dries and turns brown, which in some cases gives them the appearance of umbilication. There is no pustule of the vesicle at its border. The temperature is generally normal, rises from abscess formation or other causes. The vesicle may dry up and not develop into pustules, and the disease may be said to have abated. A rapid recovery follows.	Papules appear on wrists and forehead.

SIXTH TO NINTH DAY.	SIXTH TO NINTH DAY.
Pustules develop but are not umbilicated. The pustule in some cases has a brown nucleus in its center. In general the pustule dries up without rupturing. The brown nucleus gives it the appearance of umbilication. The pustule shrinks to 1/4 its diameter and becomes a thin brown scab, perfectly circular. No stench, but a peculiar odor similar to that of measles is noticed. The odor is well after the appearance of the eruption. He insists on getting up and having plenty to eat. If the eruption is copious he looks bad, but he will tell you he feels good. The eruption in a few cases affects the conjunctiva. There is no secondary fever. From this time on it is simply a matter of scabs dropping off. By the tenth day the patient may be entirely cured or he may not. If the eruption spreads over the entire body he may not be clear of scabs until the 15th or even 20th day.	Vesicles appear in place of the papule, and eruptions spread gradually over entire body. The vesicles are umbilicated and multilocular. On the eighth or ninth days vesicles become pustules and each surrounded with broad, red band, or efflorescence, features become distorted, severe rigors and fever, original symptoms return, stench is beginning. Great delirium and convulsions in young. Very critical period.

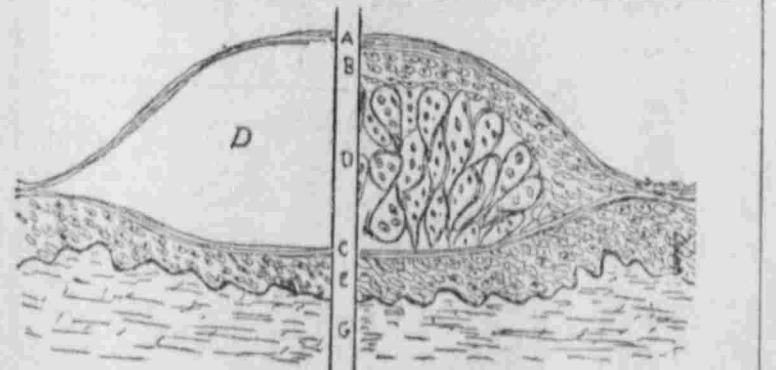
TENTH TO TWELFTH DAY.	SEVENTEENTH TO TWENTY-FIRST DAY.
Pus oozes and forms scab, stench exceedingly bad.	Scabs drop off, leaving red, glistening pit, which soon becomes white. Ulceration is deep, reaching the corion. Ophthalmia is generally present. Pus oozes from mouth, larynx, pharynx and trachea. Pustules form on lower part of abdomen and inner aspect of thighs on first and second days in some cases.

PATHOLOGY.

Papule when present same size as smallpox, perhaps a little smaller, but more in extent. There may be no papule. Vesicles range in size from the head of a pin to the size of a split pea. Not umbilicated and when punctured collapse. The vesicle is unilocular. Convalescence begins on appearance of eruption. The pustule does not extend into the derma. The epidermis is the only structure of the integument involved. Hence, there is no pitting. The vaccinated take the disease.	Papula is about size of No. 4 shot and has a translucent appearance. Appears on face and hands first. Enlarges on entire body, including palms and soles. Vesicle is umbilicated and multilocular. So is pustule and neither will collapse in toto if pricked with a needle.
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PROGNOSIS.

Good—No deaths reported in Salt Lake; complete recovery takes place in from six to thirty days. The length of the disease depends on the extent of the eruption. In the severest types I have seen no pitting.	Discrete, 4 per cent. Confluent, 50 per cent. Hemorrhagic all perish. In general the progress depends on age of patient. Variety of attack and vaccination. In an ordinary epidemic, all cases included, the mortality is from 25 per cent to 35 per cent.
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PUSTULE IN PRESENT EPIDEMIC.	SMALLPOX PUSTULE.
A—Old epidermis (horny layer). B—Epithelium of rete mucosa. C—New formed epithelium. D—Pustular alveoli. E—Pustular alveoli. F—Pustular alveoli. G—Unilocular pustule.	A—Old epidermis. B—Epithelium of rete mucosa. C—New formed epithelium. D—Pustular alveoli. E—Pustular alveoli. F—Pustular alveoli. G—Unilocular pustule.

SHUTTING OUT THE BLACK VOTE

Democrats in Virginia Determine to Disfranchise the Negroes.

SENTIMENT OVERWHELMING

Tired of Means Contemplated to Maintain White Supremacy—Plan to be Followed.

[Early Dispatches.] New York, April 28.—A special to the Times from Richmond, Va., says:

The question of calling a constitutional convention in Virginia, primarily for the disfranchisement of the negroes, has been practically settled so far as the Democrats are concerned. A majority of the delegates to the Democratic State convention, which meets at Norfolk on May 2, are instructed in favor of making the call for the convention a party issue. This matter is now the absorbing one in Virginia, and the demand for the disfranchisement of the negroes and other constitutional reforms has entirely overshadowed the original purpose for which the Norfolk meeting was called.

The Constitution under which the people now live was adopted in 1859 by what was known as the Underwood convention. That body was composed of Northern settlers and negroes. The white people of Virginia, very many of whom were then disfranchised, had little or no part in formulating the organic law under which they have since lived. There is an overwhelming sentiment in the State in favor of eliminating the colored vote from its politics forever. This can only be accomplished by constitutional revision. The elimination of the black vote is demanded not only from the great black belt of Virginia, but also by the white counties. Some of the largest and most influential of the latter elected delegations instructed to favor a convention. The keynote of this radical suffrage reform has been sounded by the declaration of some of the great negro orators. These, in effect, insist that the present political conditions cannot continue in the Old Dominion. The plain explanation of these explanations is that the people are tired of the means which they have been forced to countenance in order to retain white supremacy in the State. They now demand that a constitutional convention shall be assembled and the negroes removed from political participation.

The elements opposing this movement are the great corporations, the local office holders, and the Republicans. Some of the Democrats, including Gov. Tyler, have taken the position that their party cannot carry the convention at the polls on May 23. They insist that the elements named, with the addition of the illiterate whites, will defeat it.

BETTER TREATED THAN THE TROOPS

Washington, April 27.—At the Coeur d'Alene investigation before the House military committee today Captain Bennett concluded his testimony at the afternoon session without developing anything new.

He was followed by Gen. Merriam, who described in detail his orders from the war department and the assembling of troops there by his orders. His orders to his inferior officers were that arrests and seizures were to be made by deputies under the protection of troops. He was, he said, very careful on this point. He said that the prisoners at all times were better sheltered from the weather than were the troops. There was, however, a deficiency in bedding. He denied that he had held any conferences with mine-owners or managers, but said he had several times talked casually with mine-operators who came to or were passing through Wardner. Gen. Merriam stated positively that he had never been in the room where the inquiry was held at Wardner, denying the statement of Attorney Robertson to that effect. Mr. Robertson interrupted to state that he had been under the impression that Gen. Merriam had been present.

Gen. Merriam's testimony followed closely the lines of his report. During twenty-eight years of service, he said, he had never known a soldier to strike and live. Day and night were both alike to me—no sleep that did me any good and no rest at any time. I used to have such terrible headaches that it seemed as though my head would burst at any moment, my appetite was very poor and I was run-down and exhausted in body and mind. Before I had taken one bottle of the Nervine I could go to bed and sleep soundly all night, and in the morning I would awake feeling so rested and refreshed. Dr. Miles' Nervine did me a world of good, and I am never tired of singing its praises.

Max D. D. Owen, 23 Ulica St., Ithaca, N. Y.

"Interpreting living and close confinement in my store resulted in a collapse of my whole nervous system and I was a total wreck. I was so weak that at times I was unable to stand on my feet and would fall to the floor whenever I happened to be. My legs would become numb and without any

A MOTHER'S MERCY.

Always Anxious to Save the Little Ones From Suffering.

Lack of Proper Care in Childhood Lays the Foundation for Habitual Constipation, Causing Lifelong Suffering.

Nothing so sweet and touching as a mother's care for her little ones. What a tender, watchful eye her anxiety keeps on the young hopefuls.

In the young nearly all ailments are directly traceable to stomach and bowel complaints.

Pile and purges are the most common and most dangerous of all ailments. Nearly all contain opiates or mercurial and other mineral poisons, which permanently affect the tender bones and tissues of the child.

The only proper laxative for a child is a gentle, positive vegetable stimulant, like Cascarets Candy Cathartic. For the babe-in-arms the mother eats a Cascaret, shakes milk into it, and feeds the baby. Older children eat a piece of a Cascaret like candy. They taste good, make the liver lively, prevent constipation, purify the blood, and regulate the bowels perfectly.

Go buy and try Cascarets to-day. It's what they do not what we say they do that proves their merit. All druggists, 10c, 25c, or 50c, or mailed for price. Send for booklet and free sample. Address, Sterling Remedy Co., Chicago; Montreal, Can., or New York.

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a prisoner with a musket or jab with a bayonet. Such testimony, he said, therefore to him was utterly incredible. He declared most emphatically that a rebel soldier would not be taken into custody there. He took up each paragraph of the resolution under the operation of which the committee was acting, denying absolutely most of the facts alleged therein.

Gen. Merriam said the United States troops were in charge of the prisoners simply as guards in carrying out the authority of the State. The general said he felt solitudo as to the prisoners and to their long confinement. He finally took up the matter with the war department, telegraphing on the subject. Two of the letters had not heretofore appeared in the correspondence furnished by the war department, evidently having been mislaid. In these letters Gen. Merriam pointed out the evident purpose of the State authorities to continue the military control for some time, and referred to the adjournment of the district court, with the cases of many of the prisoners pending. In one of the letters Gen. Merriam advised that a part of the troops be withdrawn.

He stated also that the continued service of the troops on guard duty had led to the bribery of a sergeant and the escape of eight prisoners. At present, he stated, the troops were not guarding any prisoners. A few troops remained in garrison in the locality, but without having any duties in connection with the disturbance, although available in case of an outbreak as low as martial law continued. Gen. Merriam's cross-examination will begin tomorrow.

More Fortifications.

Washington, April 28.—The Senate committee on appropriations has completed consideration of the bill for the appropriation bill and made the following additions to the bill:

Two hundred and fifty thousand for the purchase of land on Cushing's Island, Portland Harbor, Maine, on which to erect additional batteries and buildings for troops; \$125,000 for building sites on Sullivan's Island, Charleston, S. C.; \$115,140 for the completion of field and siege batteries; \$40,000 additional for the A. H. Emory elevating carriage; \$100,000 for the purchase of the right to manufacture and use the Isham high explosive shell and Tuttle's high explosive thorite.

The committee also reported by the committee aggregate \$649,140, bringing the total appropriation made by the bill up to \$7,732,625.

New York's Divided Democracy.

New York, April 28.—The State committee of the Chicago platform Democratic party met here last night and ratified the action of its convention committee in changing the time and place of holding its convention from May 21, in Albany, to May 19, in this city.

In an address which the State committee has issued under the caption, "Of Interest to Democrats of New York State," the committee says that it is the intention at the coming convention to select delegates to the national convention, because the regular organization is controlled by men who do not represent the party, who did not support Bryan in 1896, and who are in reality antagonistic to Democratic principles. Of these State leaders the committee says:

"These men do not come out in the open and say: 'We are for Bryan and the Chicago platform, with the addition of planks against trusts and intervention,' but resort to all sorts of subterfuge and equivocations. 'They do not say: 'We will send an instructed delegation, so there can be no question raised.' No, on the contrary, they say: 'It is the custom to send an instructed delegation from this State,' and Tammany representatives in Can-

gress and others prominent in this political circle come out in advocacy for Dewey and any kind of a platform except the reaffirmation of the platform of 1896. We think you will agree with us that these men cannot be trusted. 'There would not be a particle of doubt of securing a Bryan delegation from New York if his opponents would meet us in a fair and manly way. They refuse to put up delegates openly pledged to anything, but it can be only for the purpose of deceiving the voters into voting for delegates supposed to be for the Chicago platform and Bryan, but who would turn out in the convention to be against him. Any delegates who refuse to be instructed to vote for Bryan do not intend to vote for him, and any delegate who is not pledged for Bryan is secretly pledged against him.'"

Celebrated Grant's Birthday.

Des Moines, Ia., April 28.—The anniversary of the birth of General Grant was celebrated last evening by a banquet at the Savoy hotel, given for the auspices of the Grant club, of Des Moines. Plates were laid for 250 guests from all over the State. Luther Ladin Mills and Frank Louden, of Chicago, were the principal speakers.

IN FAVOR OF PLAINTIFF.

Judge Rolapp Decides the Milner Estate Case Friday.

Judge Rolapp rendered a decision Friday in the case of the Utah Title and Savings company administrator of the estate of C. W. Milner, deceased, vs. S. B. Milner, finding in favor of the plaintiff.

Action was brought by plaintiff to recover 25,000 shares of the Tuscarora Gold Mining company's stock alleged to be held by defendant as trustee for his brother, C. W. Milner, deceased. The value of the stock was alleged to be worth \$1.50 per share. The defendant denied that the estate of C. W. Milner had any interest in the stock and claimed that certain members of his family had the privilege of purchasing from him the shares at a figure that it had cost him in paying the assessments on the stock; and also that his deceased brother never purchased any of the shares upon those terms.

Judge Rolapp, before whom the case was tried about three weeks ago, finds that 12,000 shares of the stock, less the assessments paid by the defendant, belong to the estate of C. W. Milner.

John W. Milner, father of the deceased, was first appointed administrator, but was subsequently removed for the reason that he had failed to take an inventory of this stock. Two little girls, daughters of the deceased, are at present at St. Mary's academy. It was in their interest the suit decided today was brought, they being the only heirs.

ANOTHER REVERSAL.

Supreme Court Decision in an Ogden Case Today.

The Supreme court handed down an opinion this afternoon in the case of Edgar Warren et al., appellants, vs. Theodore Robison et al., respondents. The judgment of the court below with directions to proceed in accordance with this and a former opinion of the court in the same action.

The question in the case was whether the lower court erred in construing the opinion and remittitur of the Supreme court in ordering a new trial when the case was in the higher court before. The lower court proceeded to try the issues as though no trial had ever been had, when the appellate court had affirmed the judgment of non-suit, as to a number of the defendants, and this is now held to have been an error.

The opinion is by Chief Justice Barth, Justice Baskin and District Judge Higgins concurring.

The hearing had not concluded when court adjourned last evening and will be resumed Monday.

DISPUTE OVER RIGHT OF WAY.

Trial of the Issues Between the Groesbeck Company and Wilson et al.

The time of Judge Hiles yesterday has been devoted to the taking of testimony in the case of the Groesbeck company vs. Frank M. Wilson et al. Judge Harkness and Waldemar Van Cott appeared for plaintiff and Pierce, Critchlow and Barrette for the defendants. The action is to quiet title to a certain right of way from East Temple street to the rear of the Groesbeck block, corner Second South and East Temple streets. Both parties lay claim to the right of way and this suit was brought to require the defendants to set forth the nature of their claim.

WILL INVESTIGATE.

Smelter Trust Said to be Violating Eight-hour Law.

It was reported at the regular bi-weekly meeting of the Utah Federation of Labor last night that the trust smelters are violating the eight-hour law. A committee was appointed to ascertain the facts in the case, and if conditions are found to be as reported, steps will be taken at once to remedy the matter. The meeting was well attended and flattering reports were heard from all the unions. Several new delegates were admitted to fellowship. The committee appointed to organize the smelter employees reported that the latter had organized themselves as part of the Western Labor union.

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gives new life and substance to the nerve and muscle tissues, restores the strength and vitality to the human system.



Care and constant work has first effect upon the nerves. Without strong nerves, the stomach, liver and kidneys are weakened, the blood is impoverished, the energy of the body is wasted, and disease is liable.

GEORGE H. GRAVES, La Crosse, Wis., Writes:

"Paine's Celery Compound is the greatest spring medicine on the face of this earth. I am taking it this spring with even better results than ever before. It will do all you claim for it; in fact, Paine's Celery Compound is the only tonic medicine that will cure the nervous and broken-down."

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NEW DESIGNS, ENDLESS VARIETIES. ORDER NOW FOR

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WOOD MANTELS AND GRATES.
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BOOK NOTICE.

"The Farmstead: The Making of the Rural Home and the Layout of the Farm," is the title of the latest book of the Rural Science series, published by the Macmillan company, New York. The author is Isaac Phillips Roberts, director of the College of Agriculture and professor of agriculture in Cornell University. In Prof. Roberts' former book, "The Fertility of the Land," explained the principles which underlie successful agriculture. In the "Farmstead" he deals with the portion of the farm above the ground. Following interesting preliminary chapters, discussing particularly the farm as a source of income and as an ideal place for a happy life, the professor first considers the matter of selection and purchase; then the location of the house, its planning and erection. Chapters on interior decoration, furnishing, sanitation, water supply and sewage, follow; after which the barn and other business structures are taken up in detail. The planning of the home yard, garden and lawn, the location of the house and the outbuildings, fields and fences, with a view to the greatest economy, convenience and artistic effect, are prominent features of the work. In the chapters on household work and arrangements, contributed by Prof. Mary Roberts Smith, much helpful advice is given, having for its object the lessening of the labor in the house. It is a practical book, fully illustrated to show what the author wants to make plain, and is replete with valuable directions and advice, and should be in every farm home and in every school library.

Millions Given Away.
It is certainly gratifying to the public to know of one concern which is not afraid to be generous. The proprietors of Dr. Miles' Nervine, La Crosse and Chicago, have given away over ten million trial bottles and have the satisfaction of knowing it has cured thousands of hopeless cases. Asthma, Bronchitis, La Grippe and all Throat, Chest and Lung diseases are surely cured by it. Call on Z. C. M. I. Drug Dept. and get a free trial bottle. Regular size 50c and \$1.00. Every Bottle guaranteed. Z. C. M. I. Drug Dept.

THE WANT COLUMNS of the Semi-Weekly News are read by from 75,000 to 100,000 people twice a week.

Nervous Wrecks,

Tired out, Weak and Exhausted in Body and Mind, Appetite Gone, Unable to Sleep Night or day, Find Rest and Relief from Pain in the Great Restorative

Dr. Miles' Nervine.

"Nothing has ever equalled Dr. Miles' Nervine in power to restore lost energy and build up wasted nerve strength and vitality. It gives relief where other remedies fail, because it does not drive the irritated nerves, but coaxes and feeds them, giving them new life and power before calling on them for renewed effort. If your nerves are getting weak; if you are tired, worn-out, and cannot rest or sleep; if your strength is failing and you feel that you are losing ground, begin at once with Dr. Miles' Nervine, and you will be surprised how soon you will begin to feel better and stronger. "When I commenced taking Dr. Miles' Nervine I was as nervous as anyone could be

and live. Day and night were both alike to me—no sleep that did me any good and no rest at any time. I used to have such terrible headaches that it seemed as though my head would burst at any moment, my appetite was very poor and I was run-down and exhausted in body and mind. Before I had taken one bottle of the Nervine I could go to bed and sleep soundly all night, and in the morning I would awake feeling so rested and refreshed. Dr. Miles' Nervine did me a world of good, and I am never tired of singing its praises." Max D. D. Owen, 23 Ulica St., Ithaca, N. Y.

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sense of feeling. I had diary spells when my head would swim so I could scarcely see. I had tried nearly every remedy recommended for nervous troubles without obtaining relief and finally because so discouraged that I did not care whether I lived or died. Four years ago I commenced using Dr. Miles' Nervine and was greatly benefited by the first bottle. This gave me new hope and I continued the medicine for several months, gaining strength all the time. I am now as strong and well as I ever was and can work sixteen hours a day when it is necessary without feeling any bad effects. I cannot speak too highly of Dr. Miles' Nervine for I think it was the only thing that saved my life."

W. G. Whitt, McGregor, Tex.
Dr. Miles' Nervine is sold at all druggists on a positive guarantee. Write for free advice and booklet to Dr. Miles Medical Co., Elkhart, Ind.