

SCIENTIFIC TRUTH.

How Escape Small-pox With a Pest House on Broadway.

Some time ago an article was published in the Scientific American which at the time attracted wide attention.

To understand how intimately related are the human kidneys to the physical health, we propose, metaphorically speaking, to take one from the human body and place it in the wash-tub before us and examine it.

You will imagine that we have before us a body shaped like a bean, smooth and glistening, about four inches in length, two in width and one in thickness. It weighs in the adult about five ounces.

The body of the average size man contains about ten quarts of blood, every drop of which passes through these filters or sewers, many times a day (as often as through the heart), making a complete revolution in three minutes.

Let us slice this delicate organ open lengthwise, and roughly describe its interior.

We find it to be filled with hundreds of little tubes, short and thread-like, starting from the arteries, ending in a little tuft about midway from the outside, opening into a sac which holds the water to further undergo purification before it passes into the ureters, and out of the body.

From the slightest irregularity in our habits, from cold, from high living, from stimulants or a thousand and one other daily causes, they lose their force.

What is the result? Congestion or stoppage of the current of blood in the small blood vessels surrounding them, which become blocked; these delicate membranes are irritated; inflammation is first set up, then pus is formed, which collects in the sac; the tubes are at first partially, and soon totally unable to do their work.

It would be just as reasonable to expect to escape contagion if a pest house were set across Broadway and countless thousands were compelled to go through its pestilential doors, as for one to expect the blood to escape pollution when constantly running through such a diseased kidney.

Now, what is the result? Why, that the blood takes up and deposits this poison as it sweeps along into every organ, into every inch of muscle, tissue, flesh and bone, from your head to your feet.

But the medical profession, knowing that they cannot cure diseases of the kidneys, treat the manifold symptoms caused by this primary or causative disease.

How can you know that you have kidney disease? Only by noting the general effects wrought by the kidney poisoned blood in other parts of the body.

If you notice that you are not in as reliable health as formerly, in any respect, then the chances are that, though you may have no known chronic disease, your blood is full of uric kidney acid.

The most skillful physicians cannot detect such disease at times, for the kidneys themselves cannot be examined by any means which we have at our command.

Then look out for them, as disease, no matter where situated, to 93 per cent, as shown by after death examinations, has its origin in the breaking down of these secreting tubes in the interior of the kidney.

Warner's safe cure, as it becomes year after year better known for its wonderful cures and its power over the kidneys, has done and is doing more to increase the average duration of life than all the physicians known.

Take it when sick, as a cure, and never let a month go by without taking a few bottles as a preventive, that the kidneys may be kept in proper order, the blood pure, that health and long life may be your blessing.

AN ERUDITE HERMIT.

The Queer and Lonely Western Home of an Aged Scholar.

On the right bank of Green river, twenty miles or more from the town of Granger, Wyo., is a singular dwelling. Architecturally it combines the dug-out of the plains with the old log cabin of the oak openings.

Against one wall is a rude bunk, made of boards, filled with hay and covered with coarse gray blankets. Over this, pendant from a noble pair of antlers, is a Winchester rifle, a cartridge-belt and a hunting-knife.

The occupant is evidently a hermit. His character, for he is not at home, will disclose over from a hasty perusal of the books upon his shelves.

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After his graduation he was smitten with the gold fever, and after a long trip around the Horn reached California in the spring of 1850. The next seventeen years were spent in prospecting, and his fortieth year found him a disappointed and disheartened man, so far as wealth and worldly success were concerned.

His friends are dead. He has no love for the world from which he has been so long an alien, and he expects to die as he has lived, alone. He is no longer poor, but might live in comfort on the savings of the past twenty years.

Where his case an isolated one I should not have mentioned it. But such is not the fact. The mountains of the West are full of misanthropic men who love nature with all the intensity of Barronius and John Muir.

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SCIENCE AND INDUSTRY.

A stained-glass factory is to be started at Lynchburg, Va.

"Crushed bamboo" is a new paper making material, and is used with the most satisfactory results.

Of late years much careful attention has been devoted by physicians to the relations between the temperature and the death-rate due to different diseases. One of the facts most clearly established in this field of investigation is the hostility of a high temperature to the diffusion of small-pox.

Though discovered in 1879, saccharine is just beginning to be manufactured on a large scale, near Magdeburg, Prussia. Having 300 times the sweetening power of cane sugar, this remarkable product is adapted to many uses.

The production of locomotives in Europe during the year 1886 amounted in England to 2,200; Germany, 2,090; France, 1,000; Belgium, 500; Austria, 400; Switzerland, 120; Italy, 70; Sweden, 50; Russia, 40, and Holland, 20; in all, 6,400 engines.

The wheat-growing interests of the Northwest, the mining interests of the far West, and the cotton-growing interests of the South are counting on a great increase in demand from home sources on account of the spread of population in those regions.

On the 27th of February, 1888, I was taken with a violent pain in the region of the kidneys. I suffered such agony that I could hardly stand up. As soon as possible I applied two ALCOCK'S POROUS PLASTERS, one over each kidney, and laid down.

There will be five eclipses in 1889, three of the sun and two of the moon. A total eclipse of the sun will occur January 1, partly visible at Washington.

Wakelee's Squirrel and Gopher Exterminator. Try it, and prove the best is the cheapest. Wakelee & Co., San Francisco.

CONSUMPTION SURELY CURED. Those inform your readers that I have a positive remedy for the above named disease. By its timely use thousands of hopeless cases have been permanently cured.

DO NOT THINK FOR A MOMENT that catarrh will in time wear out. The theory is false. Men try to believe it because it would be pleasant if true, but it is not, as all know.

DR. McNULTY. This eminent Specialist still continues to treat with the same success as of old all Special, Chronic, Nervous and Private Diseases.

E. J. BOWEN'S SEEDS. Alfalfa, Onion Sets, Grass, Clover, Vegetable and Field Seeds.

THEYGERMIA for breakfast. Camelline improves and preserves the complexion.

The unusually large number of young men who have been committed to the State Insane Asylum of Michigan in the last year and a half has led to the discovery that almost all of these smoked cigarettes to excess.

READ THE DEATH ROLL. Which the bills of mortality of any large city may be fitly designated, and you will find that renal and vesical maladies, that is to say, those that affect the kidneys or bladder, have a remarkable prominence—we had almost said—preponderance.

ADVISE TO CONSUMPTIVES. On the appearance of the first symptoms—such as general debility, loss of appetite, pallor, chilly sensations, followed by night-sweats and cough—prompt measures for relief should be taken.

CHRONIC COUGHS AND COLDS. All diseases of the Throat and Lungs can be cured by the use of Scott's Emulsion, as it contains the healing virtues of Cod Liver Oil.

WHAT SENATOR NELSON THINKS OF ALCOCK'S POROUS PLASTERS. SENATOR CHAMBER, ALBANY, N. Y., April 4, 1888.

WHITMAN COLLEGE. College and Scientific Courses, Normal Course, College Preparatory Course, Business Course, Conservatory of Music, Modern Languages, Arts, Boarding Department.

BEAUTY of Skin and Scalp RESTORED by the CUTICURA Remedies. NOTHING IS KNOWN TO SCIENCE AT all comparable to the CUTICURA REMEDIES in their marvellous properties of cleansing, purifying and beautifying the skin.

OUR NEW STORE, which we now occupy, has about 3 acres of Floor Space. THE BUYER'S GUIDE is issued Sept. and March, each year. \$2-304 pages, 5 1/2 x 11 1/2 inches, with over 3,500 illustrations.

OFFER NO. 174. FREE!—To Merchants Only: An elegant Carving Set (knife, fork and steel) in satin-lined case.

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DR. PIERCE'S CREAM BAKING POWDER. FULL WEIGHT PURE. MOST PERFECT MADE. It imparts a delicate bloom to the complexion, and is used by the most refined and beautiful women.

ELLY'S CATARRH CREAM BALM. IS WORTH \$1000 TO ANY MAN suffering from CATARRH. Note Liquid or Snuff. A particle is applied into each nostril and is agreeable.

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FERRY'S SEEDS. O. M. FERRY & CO. are admitted to be the Largest Seedsmen in the world.

PENNYROYAL PILLS. "CHICHESTER'S ENGLISH." The Original and Only Genuine. Sold by Druggists everywhere.

DR. SAGE'S CATARRH REMEDY. For Weak Lungs, Spitting of Blood, Shortness of Breath, Hoarseness, Asthma, Croup, Whooping Cough, and kindred affections.

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REWARD! \$1000 Will be paid for each and every grain of poison substance found in Wisconsin's Roberting, acknowledging the most delicious and nutritious harmless toilet article ever produced for beautifying and preserving the complexion.

The Oregon National Bank, OF PORTLAND. (Successor to Metropolitan Savings Bank.) CAPITAL PAID IN \$100,000.

The Van Monciscar DISPENSARY, PORTLAND, OR. Young, middle-aged and old, single or married men, LOST MANHOOD!

STANDARD CHAMBERLIN SHOTGUN CARTRIDGES. SELBY SMELTING AND LEAD CO., San Francisco.

GOLDEN MEDICAL DISCOVERY. CURES ALL HUMORS, from a common Blotch, or Eruption, to the worst Scrofula, Salt-rheum, "Fever-sores," Scurvy or Rough Skin.

CONSUMPTION, which is Scrofula of the Lungs, is arrested and cured by this remedy, if taken before the last stages of the disease are reached.

\$500 REWARD is offered by the proprietors of Dr. Sage's Catarrh Remedy for a case of catarrh which they cannot cure.

CATARRH TAMPON FREE. (The great relief to women suffering from Catarrh.)

CURE FITS! When I say cure I do not mean merely to stop them for a time and then have them return again.

FLORIDA LANDS. Send for Description and Map of FLORIDA SOUTH. RICH R. LANDS.

ALLEN'S IRON TONIC BITTERS. The Great Tonic, Blood Purifier, Appetizer and Liver Invigorant.