

Tonsillitis Can Trigger Kidney Disease in Child

Philadelphia - (Science Service) - Either tonsillitis or impetigo can trigger an inflammatory disease of the kidneys in children, a Memphis pediatrician said here today.

The disease, acute nephritis, is caused by sensitization to products of certain types of streptococcal produce. Dr. James G. Hughes told family doctors attending the American Academy of General Practice meeting here.

Common Symptoms
The most common symptoms are blood in the urine and puffy swelling of the face and other parts of the body. The child has a high fever, poor appetite and usually a higher blood pressure than normal.

The University of Tennessee professor said three major complications can result. The central nervous system can be affected, making the child drowsy, lethargic, unconscious or convulsive. There can also be a temporary disturbance in vision, he said.

Other possible disturbances include heart trouble, with shortness of breath, coughing, swelling of the liver and lower parts of the body, and uremia, the complete cessation of kidney functions and failure to form urine to remove body waste products.

Infection May Be Present
In treating the child with acute nephritis, the physician must remember that the original strep infection may still be present. If a throat culture shows streptococci, Dr. Hughes advised giving the child a shot of penicillin to kill the organisms and to keep the infection from spreading to other persons.

Until the acute phase of nephritis has passed, the child should be kept in bed. There is usually no need to restrict the child's diet or fluid intake, he said. However, if the child is not forming enough urine, it is important not to overload him with fluids and to avoid high intakes of nitrogenous and potassium-containing foods that would increase the biochemical disturbances.



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Grafts Between Unrelated Animals Said Successful

Boston - (Science Service) - Body organs and tissues have been successfully transplanted from one unrelated animal to another, it was reported here.

Dr. P. S. Russell of the Massachusetts General Hospital has grafted hormone-producing glands, skin and other tissues between non-related mice strains and had the grafts persist and function for long periods of time.

This is significant because animals and humans are immune to tissues from an outside source. Except in identical twins, tissue cannot be transplanted from one individual to another. Antibodies form against the transplant and destroy it.

Spleen Cells Injected
In his American Cancer Society-supported experiments, Dr. Russell employed techniques developed by Dr. P. B. Medawar of the University of London, who had previously found that if he injected a newborn animal with spleen cells from another adult animal, the recipient then on could not form antibodies against any subsequent graft from the donor.

Dr. Russell "primed" mice for future transplants by injecting them within a day after their birth with spleen cells from future donors. The "tolerant" mice had their adrenal glands removed and were then grafted with the adrenals of the animals that months earlier had supplied the immunity - destroying spleen cells. The new hosts were found to remain in good health. Had the grafts not taken, the animals would have died of shock, fatigue and hunger.

Skin Grafted
Dr. Russell also grafted skin successfully to tolerant animals and found that he could end an animal's tolerance to grafts by injecting the animals with antibodies against the original spleen cells with which it was injected.

At this time, he said, the

Band Boosters Net \$331 at Smorgasbord

Ashland - A total of \$331 was netted by Ashland High School Band Boosters at a smorgasbord dinner April 7, Mrs. R. G. Tabor, president, has reported.

The amount, plus other receipts from Booster activities, brings to \$1,507 the total raised by the group to send the Ashland band to the Portland Rose Festival in June.

Mrs. Tabor reported that the Ashland Soroptimists club contributed \$25 to the fund and only \$293 remains to be collected to reach the goal of \$1,800.

The 70-member Ashland band is the only southern Oregon band entered in the Rose

Crescent City Man Arrested in Ashland

Ashland - City police Tuesday night arrested Chauncey L. Barnes, 22, after receiving information from Crescent City, Calif., stating that Barnes was wanted there on a warrant charging him with grand theft.

Barnes, who was staying with friends on B st. in Ashland, was taken into custody at 7 p.m. and later transferred to the Jackson county jail. Bail is \$1,500.

Ashland police said Barnes is charged with stealing miscellaneous items, including an electric drill.

Findings appear to have only theoretical implications for humans. It is conceivable, for instance, that a newborn baby might be injected with spleen cells from its father or mother. That baby could then be grafted with an organ or tissue from the donor parent.

This could be desirable for children who might someday need a graft because of burns or organ disease. Because of the impossibility of foreseeing at birth the need of transplants later in life, however, it is unlikely that spleen transplants will be given newborn babies in the near future.

Festival parade, she said. Band members and the Booster club will be in Medford for the parade April 23. The band will play street concerts at noon and the Boosters and majorettes will have charge of concessions in Hawthorne park from 1 to 5 p.m.

Members of the band also will march in the local parade and their queen and king candidates are competing in the festival contest.

While in Medford, Boosters will sell memberships in the club by calling on local merchants. Mrs. Tabor explained that club members will not disturb employees on the job, but will talk only to employers in the hope that Booster memberships will be purchased for employees.

Membership in the group entitles the owner to attend all Ashland band concerts, while also helping send the band to the Rose Festival.

Heavy Water Can Be Concentrated

Cleveland - (Science Service) - Heavy water, used as a moderator in some nuclear reactors, may be concentrated in natural water by certain detergents.

E. Griffin Shay of the Atlantic Refining Co., Philadelphia, told the American Chemical society meeting here that these detergents become less soluble in water at higher temperatures, and reach a point on heating at which they become turbid. This point was found, at a lower temperature in heavy water (deuterium oxide) than in ordinary water.

By adding special detergents to water containing deuterium oxide, then heating it, a precipitate may be obtained. The upper layer is found to be richer in deuterium oxide than was the original starting solution. Detergents causing this effect are of the non-ionic, ethylene oxide type.

Enrollment Hits All-Time High

Ashland - Enrollment at Southern Oregon college has reached an all-time spring term record of 1,101, Dr. Elmo N. Stevenson, president, has announced.

As of Monday, the last official day for registration, 648 boys and 453 girls had enrolled, representing a 13.4 increase over spring term 1959.

Our continuing growth seems indicative of the confidence the residents of southern Oregon have placed in their regional college," Dr. Stevenson said. "It represents the trend of growth all over the Oregon state system of higher education, a trend which will continue through 1970 and beyond."

"Upsurging enrollment will constantly demand development of our college plant," he continued, "calling for more and more classroom facilities. In addition, more self-liquidating buildings, such as dormitories and recreational facilities, which are paid for by student use, will be demanded. All of these will be possible only through the support of the citizens of Oregon."

Effective Ways

One of the most effective ways this program is being carried out is through the organization of citizen groups all over the state in support of a vital bonding issue to come before the voters this November, the president reported. Committees functioning on behalf of "Colleges for Oregon's Future" are working to help pass the "State Bonds for Higher Education Facilities" issue on the ballot.

Southern Oregon college is on its way to meeting the obligations of increased enrollment with the present con-

School News

Jacksonville School

Our school had two talent shows recently. The student body had one at 2:50 p.m. with 18 acts and the PTA sponsored the talent show at 8 p.m. with 17 acts. The evening performance profit was about \$100 for the PTA, which will be used for the summer recreation program.

We had 50 students on the honor roll the end of the fourth report term and Sherrie Merriman was the only student with a straight "A" report card.

Our baseball team hit the win column in its first baseball game of the season by defeating Oak Grove 7 to 6.

The grade school librarians have worked hard making attractive displays for the library honoring "National Library Week." Our parents have been asked to visit the school library during the week.

Remodeling of our main building still is going on. Fire resistant material has been installed in the cafeteria and basement ceilings and a new coat of paint is being supplied, which makes our building much more cheerful and attractive.

Mrs. Ida McArthur's fourth grade class has been studying about electric power in science and has been making spring flowers in art.

Mrs. Pearl Farnsworth's class is studying about Vikings and about the adventures of the Vikings.

Mrs. Rebecca Long's second grade helped out with the bulletin board in the hallway. The theme used is "springtime." We are all trying to improve our cursive writing.

The two third grade classes saw an interesting film about the Oregon Centennial Wagon from Missouri to Oregon. We found out how our forefathers came to Oregon.

Mrs. Maude Hardy's class has been studying about the moon. We have seen several interesting films and we are reading books about the moon.

Mrs. Lily Robison's first grade class saw a beautiful tiger, swallow tail butterfly emerge from a cocoon. The cocoon had been in a jar in the room since early last fall.

Mrs. Marilyn Blomquist's first graders made planter boxes and planted flower seeds so they can watch and study the plants as they grow.

In Miss Sally Dever's second grade class we are learning how houses are built, what materials are used to build our houses and who our builders are.

SECTIONAL ACCESSORIES
Multi-purpose sectional case items—consoles, chests, tables, wall cabinets and others—are being offered as sectional units, too.

Nothing Stops Teacher From Getting to School

Lincoln, Neb. - A heavy overnight snowfall didn't catch Mrs. Martin Epp unprepared.

She set out for her first grade teaching chores with a snowplow attached to the bumper of her car.

When she got there, Mrs. Epp cleaned out the parking lot to make room for her colleagues.

Portland - (UPB) - John Nellor, teacher at Astoria high school, has been appointed as executive assistant to the executive secretary of the Oregon Education Association.

Shifty Eyes Needed For Safe Driving

New Orleans - (UPB) - When driving, the most important shift in your car is in your eyes.

This is the theme of a safety bulletin issued to the employees of the Wesson Co.

"Build a strong habit of shifting your eyes every two seconds," the bulletin advises. "Keep glancing near and far ahead and into the rear mirror. This habit is restful to your eyes, and it forces you to adjust your speed to visibility, traffic and weather

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