

CLEANEST, EASIEST, SAFEST
Way To Rid Your Place Of

MICE

d-CON® MOUSE-PRUFE is so clean, so easy to use. You just pull tab, and bait feeds automatically. You never touch a messy, "germy" trap. Best of all, MOUSE-PRUFE, used as directed, is safe to use around children and household pets, yet is guaranteed to keep your place mouse-free—or your money back! Mice hungrily eat MOUSE-PRUFE—can't resist the special, patented-process formula, eat themselves to death—painlessly. Get d-CON MOUSE-PRUFE!



DeWitt's COUGH CONTROL MEDICINE CURBS COUGHS

with Safe d-Methorphan

- SOOTHES DRY THROAT
- ACTS ON COUGH CONTROL CENTER
- LOOSENS PHLEGM
- PLEASANT TASTE

For coughs caused by common cold. Two strengths: ADULT and CHILD.

DeWitt's COUGH CONTROL MEDICINE

Don't Cut Corns Calluses, Warts Use New Magic Rub Off

Thousands of sufferers from laming corns, calluses, and common warts now report astonishing results with an amazing new formulation that rubs them off painlessly and safely without danger of infection from cutting, acids or abrasives. Secret is a wonder-working medicated creme called DERMA-SOFT that softens and dissolves those tormenting, hard to remove growths so that they rub right off, leaving skin silky smooth and soft. So don't suffer another minute. Get DERMA-SOFT at all druggists.

PHOTO CREDITS

Page 12: The National Foundation.

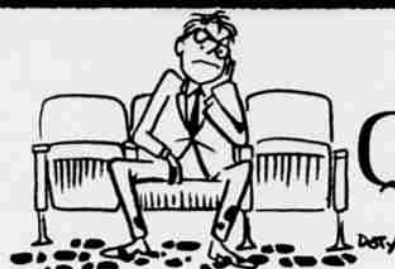


GIRL SCOUTING
SERVES THE FUTURE

GIRL SCOUT WEEK
MARCH 10-16, 1963

BACKACHE & NERVE TENSION SECONDARY TO KIDNEY IRRITATION

After 21, common kidney or bladder irritations affect twice as many women as men and may make you tense and nervous from too frequent, burning or itching urination both day and night. Secondly, you may lose sleep and suffer from headaches, backache and feel old, tired, depressed. In such irritation, CYSTEX usually brings fast, relaxing comfort by curbing irritating germs in strong, acid urine and by analgesic pain relief. Get CYSTEX at druggists. Feel better fast.



Mutter at a Movie

I do not mind when they grope through
And crunch my toes (with cleats!)
And knock my spectacles askew
To take adjacent seats.

No, here's what makes my language blunt:

Five minutes pass, or ten,
And then they spot some seats down front,
And here we go again!

—Georgie Starbuck Galbraith

These days the most effective way to diet is to eat only what you can afford.

—Anna Herbert

There's a rumor that Russia has a new weapon which can wipe out the entire United States without firing a shot—they've got a poison glue to put on trading stamps.

MEDICINE'S FIGHT

(Continued from page 13)

which can be treated is pseudohermaphroditism. This produces the carnival's "half man, half woman" or "bearded lady"; more commonly, female infants with this condition are reared as boys, despite their physical inadequacy. Ordinarily, the pituitary and adrenal glands work in conjunction to maintain hormone balance. When the adrenal gland fails, however, an excess of male hormones results. If the baby is female, she will grow up with bass voice, beard—in other words, with male characteristics so pronounced her life will be a freakish nightmare. It is avertable now because, having learned what went wrong, we can inject adrenal hormones into the infant and do what nature has not. Surgery corrects any physical malformation, and there are now cases where girls with this disorder have grown up normally and had normal children of their own.

What caused the adrenal gland and liver to go wrong? One theory for PKU brings us to the foundation of

Quips and Quotes

A group of New York financiers sent one of their members to Hollywood to pick a new head of the movie studio they owned there. He was instructed to select an executive who could bring organization out of its chaotic financial condition, and his return was anxiously awaited because he had picked a totally unknown minor officer.

"It was like this," the financier explained to his colleagues. "All of us were visiting the set of a circus movie when one of the lions escaped his cage and started stalking around angrily. Well, the way this man reacted, I knew he was executive caliber."

"He rescued somebody?"

"No," the financier replied, "while everybody else was screaming and running around, this man calmly walked into the empty cage and locked himself in."

—James Shurlock

A little boy had just heard about all the satellites and missiles we have been shooting into space, and he seemed deeply disturbed. His father asked him what was wrong.

"I think we're making a mistake shooting things at Venus and Mars," he replied. "They're liable to get mad up there and stop sending us pencils and candy bars."

—Frances Benson

"It's my wife, doctor," the man told a psychiatrist. "She's abnormally softhearted—why, she cried the other day because a dog had a broken leg."

"Well," said the doctor, "that's not unusual. Many women might cry over a dog with a broken leg."

The man shook his head. "If the dog is in a box of animal crackers?"

—Hugh Burr

all living things—the nucleic acids DNA (deoxyribonucleic acid) and RNA (ribonucleic acid) which brought 1962 Nobel Prizes to the three scientists who discovered their molecular structures.

DNA is believed to contain the "code" which tells cells how to multiply, whether into bone, fingernail, or muscle; RNA takes the messages and generates the conversion of chemicals to living protein. In PKU, the theory goes, the DNA code is off, and cells are commanded to form an organ which functions incorrectly.

BEFORE such theories can be proved, and before we can hope to control our heredity, we must be able to read the code within DNA. Already two U. S. doctors, J. Heinrich Matthaei and Marshall W. Nirenberg, have taken the first step by reading one code word—the instruction for making the important amino acid, phenylalanine.

Further knowledge of DNA also has led a scientific team to correct the heredity of an imperfect human cell for the first time. Drs. Waclaw and Elizabeth Szybalski of the University of Wisconsin took bone marrow which failed to make a necessary enzyme; when the cell split, it pro-

duced other flawed cells. The doctors fed the flawed cell perfect DNA. When the cell multiplied this time, it passed on a cell with a perfect DNA code for further development.

So great are these new avenues of research that the Columbia-Presbyterian Medical Center, with which I am associated, has undertaken a campaign to raise \$50 million in development funds. A major portion is earmarked for a substantial increase in its research program and the rest for projects which will support this effort directly or indirectly.

The late Dr. Thomas M. Rivers, medical director of the National Foundation, which also is carrying on extensive research on birth defects, put our hopes this way:

"In recent research, man has moved closer to the core of the mystery of life than through all the centuries that lie behind him... It is not too much to expect that some day man will manipulate the nucleic acid in the cells of intact living bodies. When he can do that, he can determine, to some degree as yet immeasurable, what kind of human beings will inhabit the earth."

This is the ultimate dream, of course, and a far-off one. But it is coming closer.