

Heart Condition Duplicated to Relieve Pain

Philadelphia (Science Service) - The heart condition that causes "blue babies" is being duplicated in adults to relieve heart pain, a Minneapolis surgeon said here today.

The new operation is based on the observation that "blue babies" have a very rich coronary blood supply. Dr. Stacey B. Day, University of Minnesota, explained at the meeting of the American Heart Association here. Now, Dr. Day and his co-workers have attempted to duplicate this condition in adult hearts, although not to the extent that the patient will be harmed or turn bluish.

Blue babies are born with a combination of heart and circulatory defects that prevents their blood from receiving enough oxygen. Such blood tends to be bluish and gives a blue cast to the skin. Apparently the highly developed coronary blood supply seen in these children is utilized by the body to keep the heart working efficiently despite its inborn defects.

The severe pain that occurs in coronary artery disease however, does not mean that the blood lacks oxygen as such, but rather, that not enough oxygen-carrying blood reaches the heart muscle because of a narrowing or shut-down of part of its blood vessel system. Dr. Day and his associates decided to try to exploit the body's compensatory mechanisms, as reflected in the blue babies' hearts, by bringing some "blue," venous, blood almost directly into the heart muscle.

They tapped the pulmonary artery, through which de-oxygenated or venous blood returns from the right side of the heart to the lungs for fresh oxygen. Openings in this artery and in the left side of the heart were joined to provide a route for a small amount of venous blood.

The researchers believe this oxygen-poor blood, by raising the carbon dioxide content of the blood in the coronary arteries, should stimulate the non-diseased branches of the coronary network to enlarge. It should also spur the growth of new "collateral" blood vessels within the heart. The result, they hope, will be that both the amount and distribution of the total blood flow through the ailing muscle will improve.

The operation has been performed on three adults so far. Each patient had suffered severe heart pain. In each case, there was a dramatic and sustained pain relief, improvement in health, and early return to gainful employment after the operation, the surgeon reported. Dr. Day stressed that only patients whose heart pain is due to narrowed coronary arteries, as established by careful examination and x-ray studies, were candidates for operation.

Salad Oil Said Good for Babies

Kansas City, Mo. (Science Service) - Mothers might do better bathing their babies with salad oil or shortening than with certain baby lotions.

Many lotions contain 95 per cent water, resulting in quick drying and little benefit to the skin, a dermatologist has reported in the October issue of GP magazine, published here by the American Academy of General Practice.

Dr. Seymour L. Hanfling of East Orange, N.J., also attempted to clear up some skin-care fallacies. Detergents, he said, are not more irritating than soaps. It is just that women forget that they are more effective and hence use too much.

Machine-laundried diapers can be just as safe for the baby as those that are hand-washed, he said. Also, babies do not need daily baths, because they have little oil secretion and never develop body odor. Except during hot weather, two baths a week are adequate, he said.

Petroleum preparations, such as mineral oils, "cannot possibly nourish the skin." Instead, he said, these preparations have a protective function similar to that of protective creams.

Few high-water lotions have animal or vegetable oils that can be absorbed through the skin. The use of "any edible fat on the skin results in some useful replenishment of the skin oils." Some of the best, Dr. Hanfling said, are hydrous lanolin, the various salad oils, and the hydrogenated shortenings.



YOU may be the Lucky Customer to win a "BILLIONAIRE'S VACATION"

Come in and get your entry blank NOW at our big SPAM display for the SPAM Billion Can Festival

1010 exciting prizes, including 10 GRAND PRIZE TRIPS-FOR-TWO

to any country on earth where SPAM is sold or registered

We're joining with Hormel to help bring ten lucky winners the vacation prize of a lifetime... a two-week luxury tour of any one of 105 foreign lands... with all expenses paid, plus spending money! Easy to enter. Nothing to "write" or compose.

Enter now!
Enter often!
Pick up your free entry blank today!



SPAM 39¢ Can SAVE 10¢

Tomato Juice	Campbell's 46-oz. can	29¢	4 for	1.00	Save 16¢
Cherries	Dui Rogue Red Sour Pitted 303 can	25¢	4 for	89¢	Save 11¢
Chunk Tuna	Concord No. 1/2 can. Reg. 29¢	25¢	4 for	89¢	Save 27¢
Lumberjack Syrup	Nalley's 22-oz. bottle	29¢			Save 10¢
Pure Cane Sugar	C & H 10-Lb. Bag	98¢			Save 21¢
Cottage Cheese	Shur Fresh Pint	25¢			Save 6¢
Pancake Flour	Pillsbury 8-Lb. Bag	79¢			Save 30¢
Instant Coffee	Nescafe 6-oz. Jar	79¢			Save 38¢
Apple Juice	Hi Country 46-oz. can	37¢	3 for	1.00	Save 11¢
Strawberries	Frozen Hi West 10-oz. pkg.	23¢	5 for	1.00	Save 15¢
Oranges	3 Diamond Mandarin 11-oz. can	27¢	4 for	1.00	Save 8¢
Pumpkin	Del Monte 2 1/2 can	29¢	2 cans		Save 13¢
Marshmallow Creme	Pennant 10-oz. Jar	29¢			Save 10¢

FLUFFO SHORTENING



3-Pound Can

49¢ SAVE 36¢

Limit Right Reserved



BE PREPARED

Don't Forget

"TRICK-OR-TREATERS"

Saturday, October 31 IS HALLOWE'EN

Your Groceteria is the Place to Go for CIDER DONUTS PUMPKIN PIES TRICK OR TREAT CANDIES

and All Your Other Hallowe'en Needs

Groceteria

THE PLACE TO GO FOR THE BRANDS YOU KNOW

Sixth and Grape Open 7 Days a Week Until 9 P.M.

Now at the Groceteria - Terrific Savings in Every Department! Don't pass by the end-of-the-month specials!

1-lb. Caddy NBC CRACKERS... 25¢ Reg. 31¢
4 For 89¢ Save 35¢

Wespak LARGE AA EGGS 49¢ doz.

NOW Get Everything You Need for HALLOWE'EN! Trick or Treaters Are Coming Saturday!

Buy a program from a Kiwanian at the Medford game Friday nite... UMC Benefit.

For a treat, make yours MANNING'S COFFEE 69¢ Save 8¢ Pound Can

SAVE 8¢ NEW DISHWASHER all 41¢ NOW ONLY

Introductory Offer! new LUX 1¢ SALE Buy 4 bars at regular price get 1 for 1¢ 5 bars 48¢ Save 11¢



Don't miss the Junior Service League Folies... coming November 4 and 5.

If you're not shopping at the Groceteria you're paying too much!

Large Ivory 2/35¢
Personal Ivory 4/29¢
Ivory Flakes Giant 89¢ pkg.
Camay Bath Size 2/33¢
Lava reg. 2/27¢ bath 2/35¢
Mr. Clean Giant Size 73¢
Ivory Snow Giant Size 89¢
Dreft Giant Size 89¢

FIVE BIG FREE PARKING LOTS ROOM FOR NEARLY 100 CARS!

CASH CARNIVAL!

Oxydol 7¢ OFF 7¢ OFF YOU PAY ONLY 82¢ Save 7¢

Cheer 7¢ OFF 7¢ OFF YOU PAY ONLY 69¢ Save 18¢

plus 50,000 SWEEPSTAKES

7¢ OFF GIANT SIZE YOU PAY ONLY 68¢

1/2 PRICE SALE BUY 3 MEDIUM IVORY AND GET 1 FOR 1/2 PRICE 12 bars \$1.00 Save 40¢ YOU PAY ONLY 44¢

5¢ OFF CASCADE Plus 10¢ Coupon