

# Medical Student Wins 7-Week Race With Death

TORONTO (CP) — A young medical scientist has won a seven-week-long race with death by building a new, powerful machine to keep a five-year-old girl's heart beating after it had stopped 31 times.

Dr. Keith Ivey of Toronto's Hospital for Sick Children devised the life-saving pacemaker for Rosemarie O'Halloran of nearby Pickering when

an ordinary pacemaker failed its task.

Rosemarie, one of six children of Mr. and Mrs. John O'Halloran, had a hole in her heart. Last July, doctors mended it in an open-heart operation and implanted an electronic pacemaker developed by Yale University.

The pacemaker device sends tiny electronic impulses that

stimulate the heart to keep it beating.

Soon after the operation, however, Rosemarie developed an almost total heart blockage and the pacemaker wasn't powerful enough to do its job.

The pacemaker was disconnected and replaced by connections with a powerful generator, but doctors said the arrangement could last only seven weeks.

After that, the doctors would have to operate again to plant new wires in the girl's body, and they feared the operation

would put too much strain on the heart.

**TAKES OVER**

Then Dr. Ivey, a 38-year-old graduate in engineering and mathematics, took over.

"I guess I was at Sick Kids Hospital for 16 hours every day for those seven weeks," he said.

The race was so close that doctors during the final week prepared for the operation the next Monday. Saturday night, the machine passed workbench tests and a few hours later it was installed.

Home again, Rosemarie is living an active life.

"She can run after her puppy, climb stairs and play with the other children," Dr. Ivey said.

Her parents keep a special supply of batteries on hand at all times, changing them very often. Every morning they check her heart beat with a stethoscope.

The pacemaker is similar to but larger than other radio-frequency models now in general use. The receiver portion, about the size of a pocket-watch, is imbedded in the body, while the one-pound transmitter is carried in a special vest.

The transmitter is about four inches wide, five inches long and half an inch thick.

Doctors say the girl will always have to wear the device or some refinement of it.

Rosemarie can't remain too long under high-voltage wires because the current will interfere with her electronic equipment.

The O'Halloran family has one constant reminder of Rosemarie's condition. Every time the radio is turned they hear a loud, regular ticking.

It's Rosemarie's electronically-paced heartbeat.

## Maps Show Little Gain

SAIGON (CP-AP)—The maps showing the progress of the struggle for control of war-torn South Viet Nam remain much the same, despite the deployment of more than 1,000,000 anti-Communist troops.

There has been very little addition to the areas known to be firmly under the control of South Viet Nam and its allies, of whom the United States is by far the most formidable.

The enemy is estimated to have more than 252,000 men un-

der arms. These are the Viet Cong guerrillas and their North Vietnamese supporters.

American and South Vietnamese soldiers go more and more frequently into long-time sanctuaries of the enemy, seeking to hunt down the Viet Cong and North Vietnamese, throwing in huge amounts of artillery and aerial bombardment. Then normally, they pull back to their base camps and the maps of South Viet Nam look much the same.

CCA MEN HOLD TALKS MONTEBELLO, Que. (CP)—Representatives of Canada's construction industry met Monday at the Seignory Club in pre-convention sessions of the Canadian Construction Association. The meeting which opened Sunday and continues Tuesday precedes the 49th annual meeting in Toronto, Jan. 21-25, next year.

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A blend of viscose and rayon, washable and long wearing, guaranteed moth proof, non allergenic. Double bed, bound with acetate satin. 3 beautiful colors from which to choose. Size 72" x 84".

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## BRIDGE SETS

Pure linen bridge sets in white, ecru and colored linen in plain cutwork and embroidered designs finished with plain, hemstitched and scalloped edges. Napkins to match. Size 36" x 36". Prices range from ...

**4.95 to 14.95**

## SATIN PUFFS

Color bright reversible comforters covered in glowing rayon satin and filled with Heather for fluffy warmth, size 66" x 72".

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## PILLOW CASES

Textured fashion print cotton for the modern home. In floral designs only. Colors: pink, blue, yellow and mauve. Sale, pair ...

**2.29 pr.**

## FASHION SETS

Text made and Wabasso Quality Gift Boxed Fashion Set. Consisting of 1 sheet and 2 pillow cases. 81" x 104" and 42" x 33".

**8.95 - 10.95**

SET

## BOXED TOWELS

Gift Box Towels selected from our own stock — for quality and price at no extra charge.

**1.98 - 10.00**

PAIR

## "ISLAND TARTAN"

## BLANKETS

A nice gift for that away from home personal friend or relative, depicting the beautiful shades of the Island. A reminder of home at Christmas.

Size 80" x 75"

Size 66" x 88"

**13.50**

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EA.

## PLACE MATS

Hand loomed place mats in heavy cotton with lock-stitch-ed fringed edges. In colors of blue, yellow, cocoa, green, beige and brown. Price, ea.

**39¢ - 59¢**

## BATH MAT SETS

Bath mat sets in fine quality chenille and deep pile orlon. In a variety of shades. Prices range from ...

**3.25 - 12.95**

## CUSHIONS

Brighten up your living room for Christmas with a new cushion in square, round and rectangular designs. These cushions are made of satin, corduroy and twinkie cloth in colors of red, mocha, green, gold, brown and blue.

Price range from ... **98¢ - 4.25**

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Never before has any one fabric gained such prominence for so many varied uses as mohair, lustrous coat of angora goat. Soft and luxurious, with a natural lustre that surpasses that of other fabrics, brilliant, colorfast luster, sparkling checks, tartan plaids, size 46" x 72", 35 ea. per throw. Made in Scotland.

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## "ESMOND" BLANKETS

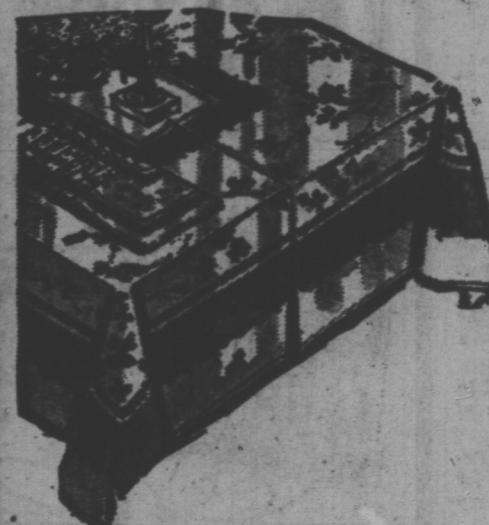
A blend of viscose and orlon. Beautiful plain shades that never fade, bound, machine washable, last a lifetime, no moth problems, thermal weave, acetate satin binding.

**4.75 - 12.50**

## "ESMOND" ELECTRIC BLANKETS

Sleep in warm comfort. Now you can enjoy the luxury of soothing, relaxing sleep on the coldest nights, because your new electric blanket automatically provides the warmth you wish, just set the dial and your bed will be comfortably warm all night long. 2 year guarantee, 6 beautiful pastel colors, 4" satin bound, size 66" x 74" and size 72" x 84".

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## "SCOTCH LACE" TABLE CLOTHS

Charming table top dressing made from cotton yarns, in ECRU and two tone ECRU and brown colour with delicate floral and scroll patterns, hand washable.

Size 36" x 36" ...	<b>2.98</b>	Size 70" x 90" ...	<b>9.95</b>
Size 36" x 42" ...	<b>4.95</b>	(oval)	<b>14.95</b>
Size 36" x 48" ...	<b>8.95</b>	Size 70" x 90" ...	<b>14.95</b>
Size 36" x 54" ...	<b>11.50</b>	Size 66" x 88" ...	<b>14.95</b>
		Size 72" x 90" ...	<b>20.95</b>

## BEDSPREADS

Chenille bedspreads of good firm cotton with closely tufted chenille; also, heirloom hobnail and some spun bedspreads in single and double bedsize. Prices range from ...

**8.95 - 49.95**

## BATH TOWELS

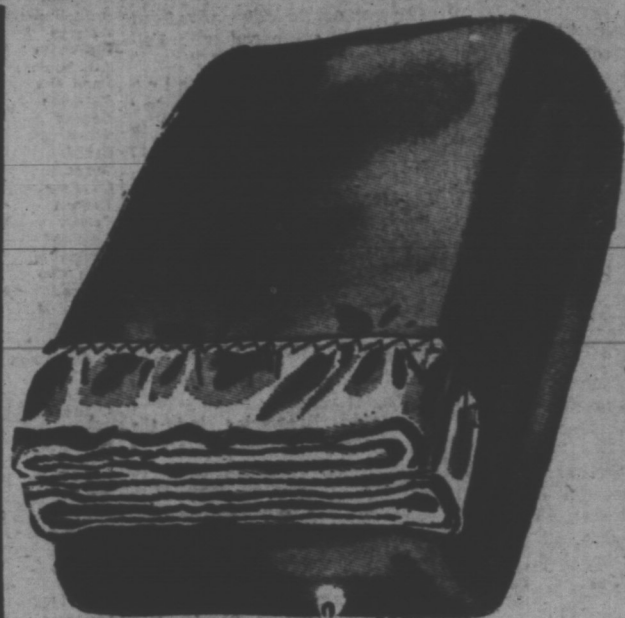
Deep piled arborite cotton terry in striped, plain, jacquard and floral designs with hand towels and face cloth to match. Prices range from

**1.75 - \$10 pr.**

## PLACE MAT SETS

Of pure Irish linen, consists of four mats and four napkins. Prices range from ...

**2.98 - 8.75**



## "Kenwood" All Wool Blanket

There's no substitute for wool — and a Kenwood is the finest all wool waterproof blanket available. Over 30 beautiful popular pastel shades from which to choose. All satin bound.

VICEROY	FAMOUS	RAINCREST	RAINCREST
36" x 54"	36" x 54"	72" x 84"	66" x 84"
<b>24.95</b>	<b>19.95</b>	<b>16.95</b>	<b>14.95</b>

## LINEN TABLECLOTH

Irish linen double damask tablecloth, hand hemmed with matching napkins. In sizes of 54" x 72", 72" x 90", 72" x 108". Prices range from ...

**9.95 - 41.95**

## "IBEX" Flannelette Blankets

Textured IBEX Flannelette Blankets.

Size 66" x 90"	<b>6.75</b>
Size 70" x 90"	<b>7.50</b>
Size 70" x 90"	<b>8.50</b>
Size 80" x 100"	<b>9.50</b>

Excellent quality, soft, warm and comfy, white with pastel border. IBEX brand.

## "AYERS" CAR BLANKET

A sport cushion rug, with case and blanket, pure wool, 36" x 72", plaid design, ideal for camp and home, use as a cushion, use as a throw, slippered case with handle.

**8.95 - 15.95**

## MAPLE LEAF THROW RUGS

New Maple Leaf travel rug, size 36" x 75", 100% all wool. A beautiful blanket.

**17.95 ea.**

## PILLOW CASES

Has embroidered pillowcases of good quality bleached white cotton with floral designs finished with plain, scalloped and hemstitched. Large range from which to choose.

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