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## At-home device aids kidney patients

## Four Oregon children on dialysis formerly for adults only

United Press International ORTLAND, Ore. — "This is 5-year-old Phoebe Ward pointing to her 19-month-old "Her kidneys don't work. This olly's bag. It works for her kid-

until she can get another one." hoebe's matter-of-fact explanaof her little sister's illness and continuous ambulatory perial dialysis, known as CAPD, ch keeps her alive sometimes ishes strangers.

he girls' mother, Susan Ward, of rene, Ore., is getting used to it. folly, a "really happy baby," ly seems to notice the plastic bag its vital fluid which is her connt companion. Molly is the youngest of four Ore-

gon children with kidney failure who are living at home with CAPD in-in-hospital dialysis for victims of kidstead of spending long periods in a ney failure. hospital attached to a machine

undergoing hemodialysis. One of the other children is 2½, and the others are  $5\frac{1}{2}$  and  $6\frac{1}{2}$ . While about 600 adults around the

country are using the system, only a handful of children are known to be undergoing the treatment. Dr. 

program at the University of Oregon Health Sciences Center, said, We've had a few inquiries from around the country but we know of no other program using this method for children

For children the system has spe-

"If there is an important factor it is the opportunity to live at home with their own families in a psychic and social environment as near normal as anyone can have," Alexander said. A major problem for children suffering from kidney disease has been severe effects on mental and emotional development resulting from the long periods of hospitalization and separation from their families, he said

'Most are chronically depressed,' Alexander said. "They can't stay in school regularly and they are isolated

Prolonged hospitalization also

places tremendous emotional strains on the entire family.

CAPD permits the child to live "a pretty normal life" except for the five-times-a-day change in the bag of fluid. "They can go on family vaca-tions," he said. "They can go visit Grandma overnight. There are really no limits.

Molly's mother, for example, finds that Molly, whose development was nearly halted by the onset of kidney failure when she was 91/2 months old, is crawling "all over the place" and "loves to play" with her sister and other children.

Molly was smaller than average when she was born but was healthy and normal until she was nine months old. Mrs. Ward believes her

Nixe is Alaska's sister. Ursula got

them both when they were 4 months

old. Alaska, Ursula's favorite, is 111/2

feet tall, topped by another male, Neptune, by ½ inch. Alaska takes a

sugar cube out of Ursula's mouth

Visiting him in his cage after the

orning show, Alaska nuzzled Ursu-

during the performance.

problem began with a strep infec-

Molly's kidneys ceased to function and she quit urinating. She underwent surgery for implantation of the tube in her abdomen which carries the dialysis fluid from the bag on her back into her system and carries the waste material from her peritoneal cavity back into the bag. She re-mained in the hospital while her mother learned to change the bags. Then Molly went home. Despite

some problems with an ear infection, her appetite is good and her develop-ment has resumed. 'She has grown a couple of in-

ches," Mrs. Ward said, and now weighs slightly more than 16 pounds

The appetite is another advantage of CAPD, Alexander said. "With hemodialysis, these kids are strictly limited in what they can eat and the amount," he said, especially liquids. "Most kids just quit growing when their kidneys fail.

"We are learning a lot about how to deliver the kind of nutrition they need. With CAPD the kids feel better, their appetites are better and we are finding they can take a lot more

nourishment than we thought." He said some of the children are growing "as fast as others their age." He added, however, they are not catching up the growth they failed to make during their illness. Alexander expects the growth of

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the children to improve as the doctors learn more about the nutrition the youngsters can absorb. "We have found these children can have an almost unlimited protein intake," he said, and they are on special supplements to provide it. For all the children, CAPD is

only a stop-gap until they can obtain kidney transplants. The two older children on CAPD both have had transplants and rejected them. The main problem which has sur-

faced with CAPD for the children, as well as for adults, Alexander said, is peritonitis. Alexander said, howev-er, it has taken a mild form and has cleared up within 24 hours after the patients were treated with antibio-

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## Female trains polar bears

United Press International IEW YORK — Where does a 12--tall, 1,600-pound polar bear sit? herever he darn well pleases? Exactly where Ursula Botttells him to. Forever. For the of his life in the big cage at the

ou know every animal, every or tiger or lion in the big cage, as a place on the side where he ' said the 5-foot-tall trainer from Germany. "The first thing to h a bear cub is 'stay on your

uring her first performance in York in 1976, a female, inflicted a gash on animal ainer Ursula Bottcher's her "She scratched me withit any reason. She did it intennally. She wanted to do it. aaa, of course, I finish the ow... and then I go to the nergency hospital and they fix

to 8 ace.' Every animal has its place and g matinee of Ringling Bros. and arnum & Bailey Circus. She sits in r dressing room at a long table ewn with everything from akeup to chunks of meat for her larges. She talks of her life, her love circus), her triumphs and her

imerous moments of terror. The bear cubs are brought in by Russian fishing boats and bought the East German government the Soviets, Ursula says. Their

training must start no older than 8 or 10 months. At that age, or younger sometimes, Ursula said, you begin by saying "geh am platz, geh am up, we asked if she would keep Nixe platz (go on place). Jai

Ursula speaks with deep feeling about the circus. "I am so happy. I love the people. When I am here in the United States and have a new contract for two years, I am proud,

Being proud and being happy has its price. She has scars to show, this tiny gladiator, standing up to six male giants and four females, any one of which may attack. One scar on her right arm is about 8 inches long. It took 12 stitches.

During her first performance in New York in 1976, a female, Oslo, inflicted the gash on her arm. "She scratched me without any reason. She did it intentionally. She wanted to do it

Did Ursula finish the show? Jaaaa, of course, I finish the show and then I go to the emergency hospital and they fix it."

As if the bears usual unpredictability isn't enough, this is the season, even as the show goes on (through June 1), when six macho maulers' thoughts turn to — you know - love.

The females are in heat. Just before coming to New York, the males got into a fight before the performance in Richmond, Va., and entered the ring feeling frustrated, in a killing mood. Muffel took it out on Ursula. Trying to sink his teeth into her thigh, he tore her tights from knee to hip. But Ursula jumped back in time so she escaped with only her skin scraped.

"I had expected something like

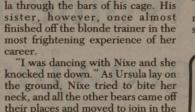
(who jumps through a fire hoop) and Spitzbergen, in the show. The cage

"I was dancing with Nixe and she knocked me down." As Ursula lay on the ground, Nixe tried to bite her neck, and all the other bears came off their places and moved to join in the attack.

carrying the two females had gone off its carriage after the early show on the steep slope leading to the base-ment where the bears are kept. Both females had been pretty badly shaken up when the cage tipped over. Last seen, they were pacing agitatedly back and forth.

"Even if they are nervous they have to go on. If I took them out for one time they would never do it (the act) again.

The Soft Touch regrets using the Lily of France picture in its April 9 & 10 ads.



their places and moved to join in the attack 'Manfred had to bring all the

bears back to their places (with a 4-foot-long steel rod) before he could help me," she said. "Maybe I am on the ground just seconds but it

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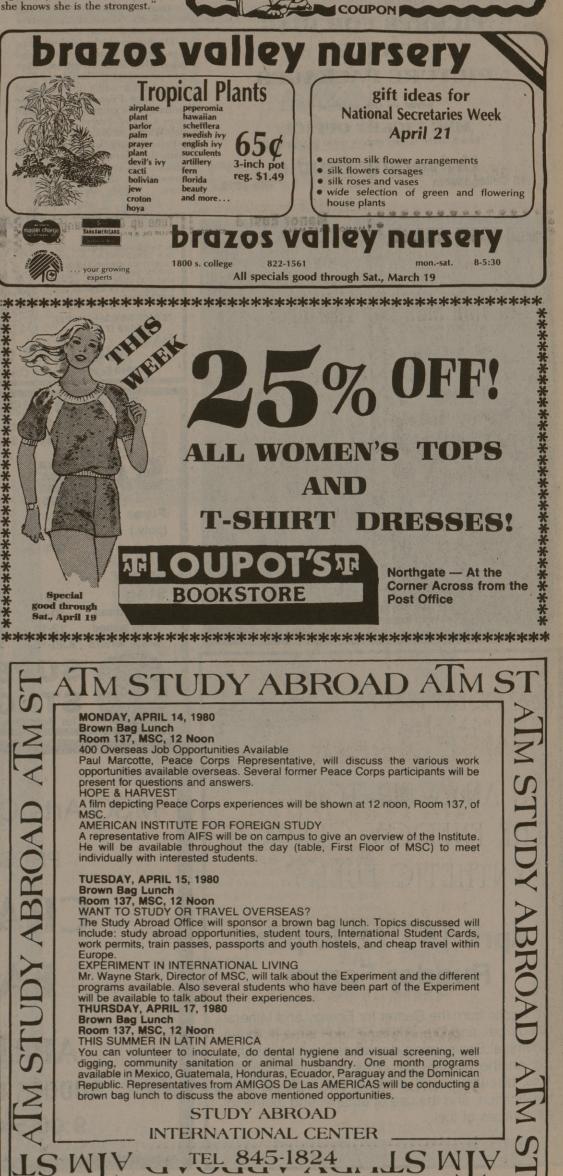
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seemed like hours. I moved around — she tried to bite my neck — oh, it was terrible."

She wound up with 35 bites on her neck and shoulder before Manfred could save her.

"But I had to do the trick again. I stood up. I had to dance with her

right away. If I didn't do this, then she knows she is the strongest.



## plamed for lhealth

**Bomb tests** 

United Press International WASHINGTON — At the ens Hearings for Radiation Vic-Saturday, many people told of h and suffering they believe was ed by lowlevel radiation from n bomb testing, nuclear power s and other sources of radioac-

1 16 Aarine Thomas Saffer said he Idled in a trench 2,500 yards from MS bund zero during an atom bomb in the Nevada desert.

e

30

e bomb blast bounced Saffer and forth in the trench, almost ying him in dirt and rubble. He the could hardly breathe from er fright.

affer said he was right to be aid, for it is fallout from that bomb our times more powerful than the e at Hiroshima — he believes used the unexplained deterioram of his health beginning 10 years er the test.

After seeing 22 doctors and spend-g \$32,000, Saffer said, he still does have a diagnosis that radiation sed his illness.

reston Truman, born in Entere, Utah, in 1951, said he lived his e life under the threat of atom , often seeing clouds from tests over his home

When he was 6, he and playmates med a boy their age was dying of kemia. "We didn't know little dren could die," he said.

uman, too, suffered from canbut is in remission after medical nent he estimates cost more n \$100,000.

e blames Nevada test fallout for ancer and his playmate's death, blames the government for "We bury the dead," he said. y don't.

lizabeth Catalan who as a teenain St. George, Utah, watched ioactive clouds pass over her ne, blames clouds for the cancer ths of her father and sister.

A dozen religious, environmental d labor organizations are sponsorthe hearings by the Citizens' mmission on Radiation Policies.



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