



Carbon Dioxide Intoxication Said Increasing

Los Angeles—(Science Service)—Carbon dioxide intoxication, often unrecognized but serious nevertheless, may be on the increase.

This is suggested by Dr. Ronald J. O'Reilly, radiologist at the University of California Medical Center, Los Angeles, whose recent review of the disorder appears in Diseases of the Chest.

Carbon dioxide intoxication may occur when lungs, weakened by chronic diseases, such as emphysema, are unable to get rid of carbon dioxide properly.

Abnormally High Levels
As a result the gas builds up to abnormally high levels in the blood, an imbalance which in turn affects the control of breathing. Initially one may overbreathe but the end point is underbreathing.

Symptoms of the disorder are drowsiness or actual coma and a blue color from lack of oxygen in the blood.

A standard treatment for patients with an apparent lack of oxygen is to place them in an oxygen tent. But in patients suffering from carbon dioxide intoxication this may initiate a vicious circle. As more oxygen comes in, breathing may be depressed and more carbon dioxide "piles up" in a system which cannot properly rid itself of the gas. Sudden death may follow.

Simple Tests
Carbon dioxide levels in the blood may be determined by relatively simple tests, Dr. O'Reilly points out. If there is carbon dioxide intoxication, the patient may be placed in an iron lung, which will do the breathing for him. In this manner, oxygen can be administered moderately without risk to the weakened patient who might otherwise stop breathing.



AMENDMENT DISCUSSED - Sens. Wayne Morse (D-Ore.), left, Joseph S. Clark (D-Pa.), center, and Jacob Javits (R-N.Y.) discuss the Clark-Javits amendment to the strength in the Senate for a meaningful voting rights bill. The amendment is a combined referee-registrar voting rights plan. Sen. Morse has moved to table it in hopes that the vote on the motion will give some indication of the strength in the Senate for a meaningful voting rights bill. (UPI Telephoto)

Thailand Plans National Parks As Leases Expire

Bangkok—(Science Service)—The Thailand Government will not renew forest leases held by foreign companies.

The leases are about to expire, and when they do, General Prapat Charusathien, Minister of Interior, has stated that the forests will be turned over completely to the Forest Industry Organization, a Government group that will supervise conservation and see that teak forests are worked properly.

Field Marshal Sarit Thanarat, Premier of Thailand, gave orders for the departments of Interior and Agriculture to work together in setting up four national parks.

Decisions were announced after Government officials met with representatives of the Association for the Conservation of Wild Life, who urged rejection of proposals to build a hill station on Phu Khadeung Plateau. Heading

the conservation group was Dr. Boonsong Lekagul who said that vegetation on the plateau should not be sacrificed for such innovations as an airfield and a dairy farm. He also said that private exploitation would ruin the forests unless laws against timber thieving were strictly enforced.

Dr. George Rühle of the U.S. National Park Service is acting as technical adviser to Thai officials who will set up the parks at Thung Chalaeb in Kanburi, Thung Salaeng Luang in Petchabun, Khoa Yai in Nakorn Nayoke and Phu Khadeung in Loey. General Surajit Charuseni has become Minister of Agriculture succeeding the late Nai Swasti Mahaphol.

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Manufacturers, Service Firms Keep Up With Growing People

By ELMER C. WALZER
UPI Financial Editor

New York — (UPI) — The nation's economy is growing — more than a half trillion dollars in size in 1960 — and so are its people.

Makers of latex foam cores for super-sized mattresses reported a six-fold rise in big mattresses since 1947, and wondered why.

The Latex Foam Rubber Council thereupon launched a survey which showed that while in 1900 only one out of every 25 American men measured six feet, today in the 20-29 year age bracket, one of every five is six feet tall.

Also it showed that more than 18 per cent of the American women between the ages of 20 and 29 are five feet, seven inches tall. At the turn of the century fewer than 4 per cent of the American women attained five feet, seven inches.

Edward Welch, chairman of the Latex Foam Rubber Council, cited a specific case of a hotel trying to cater to its taller guests.

The new Denver - Hilton specified that 10 per cent of its 1,200 foam rubber mattresses be made 60 inches by 80 inches in size.

Purchases of home makers confirm this trend of the hotels. Large-sized sleeping equipment, once only available on custom order, can now be found in most bedding departments and in many standard brands.

Welch also related an interesting finding of his council's survey. The average sleeper changes position 20 to 45 times a night and hence needs more room for normal body shifting.

Sleep experts, he says, recommend that mattresses be six inches longer than the height of the user and provide at least 36 inches of width for each sleeper.

The latex council found the demand rising also for longer sofas. Where the six-foot sofa once was pretty much standard, today's orders are for king-size installations for hotels; sofas 8 feet, 10 feet, and even 12 feet long.

Big people need big towels. A large hotel chain is substituting bath towels of 26 inches by 52 inches for ones that measured 24 inches by 44 inches.

Architects report that homes also are being made larger for big people. They find new home-owners demanding higher doorways, elevated sinks, and longer bathtubs.

To accommodate the larger dimensions of students, schools, according to a recent study of the U.S. Office of Education, are having to install wider desks and work benches as well as loftier wash room facilities.

On the collegiate level, new dormitories at Cornell, University of California and several other institutions of high-ped with beds seven feet long.

The international institute of clothing designers brings in another dimension in which American males are growing. It finds that the average suit now sold ranges between size 41 and size 42, against a 38 some 30 years ago.

Women's dress manufacturers report a rise in extra-length orders. A department store estimates that 10 per cent of American women now fall into the 5-foot, eight-inch or taller category.

In other words, production sights of manufacturing and service companies are being raised vertically to keep the comfort of a "growing" America in focus.

They are adjusting their production planning and purchasing to the change in the national stature and to the additional fact that children already are or will be at least one inch taller on the average than their parents.

One place where the length of the citizens doesn't seem to

be considered important is the new trend toward automobile building. However, the makers of the compacts stress their roominess — space for long-legged drivers and passengers.

But a big guy still has to do a lot of winding up to get aboard a New York taxicab.

And the commuting trains, while allowing fair space for length of the patrons, apparently haven't considered their width in the seating arrangements.

Equipment Taken from Oil Sales Plant Here

An adding machine and typewriter were taken Wednesday night from the Standard Oil Sales Plant office, 20 South Stage rd. Sheriff's deputies reported that a glass window in the door was broken to gain entrance to the building.

Nothing else in the office was reported missing.

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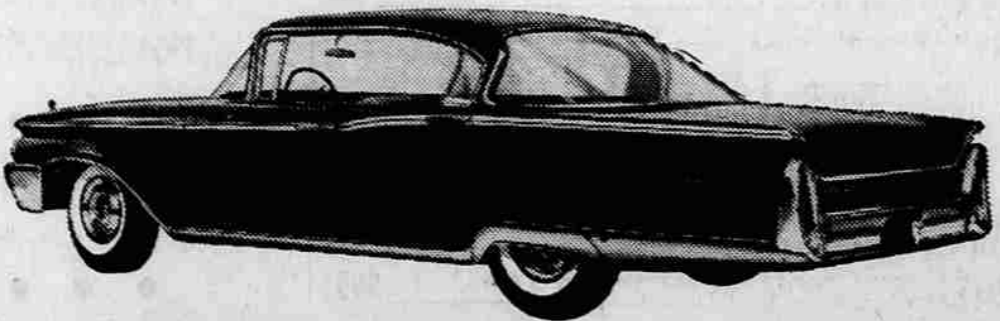
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