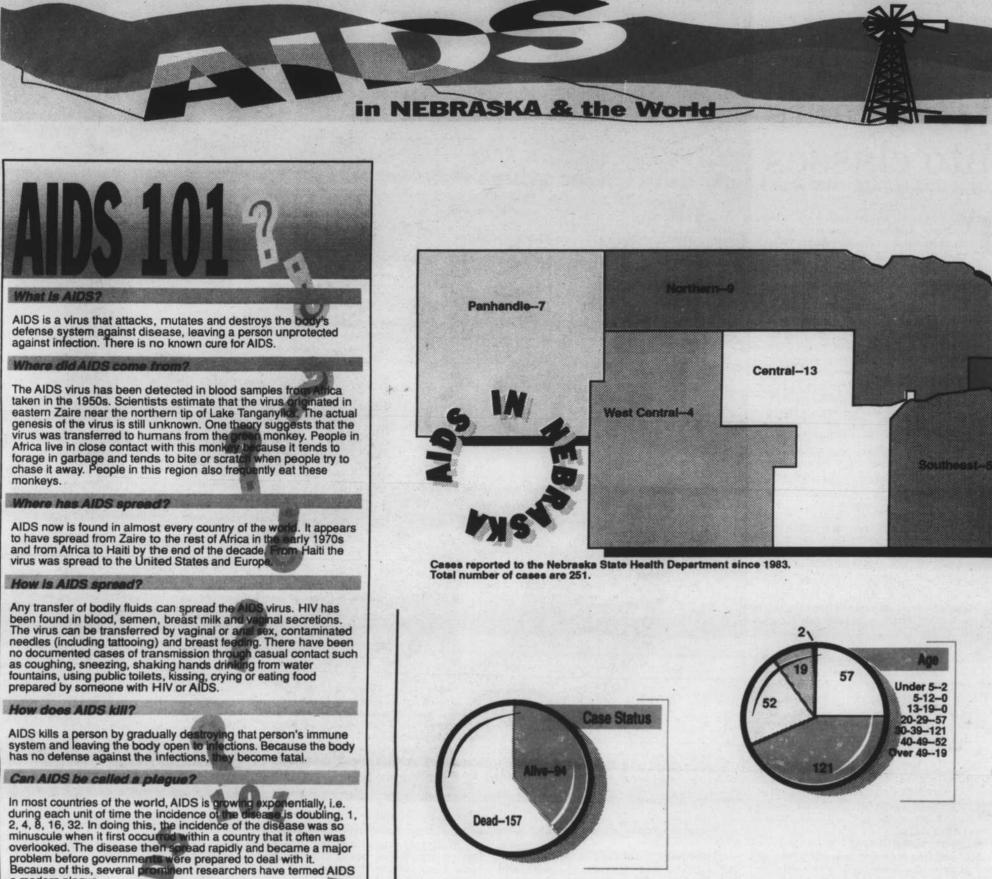
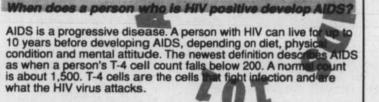
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Graphics by Scott Maurer



Nebraska AIDS Project

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Agency working to redefine AIDS

From Staff Reports

a modern plague

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redefining AIDS, the federal Centers for Disease Control could speed up prevention, treatment and medical benefits for people with HIV/AIDS, a CDC spokesman said.

Chuck Fallis, spokesman for the CDC, said an AIDS definition change, sched-uled to take place in April, would give the CDC a better idea of the scope of the epidemic. The current definition of AIDS requires

the presence of an AIDS indicator condition such as wasting syndrome or Ka-posi's Sarcoma before a physician can make an AIDS diagnosis.

"There are many people who are im paired," he said, "but don't have immune system problems."

The new definition would allow physicians to base their diagnoses on an indi-viduals' CD-4 lymphocyte, or T-4 cell, counts. The T-4 cell is the cell that helps the body fight infection. AIDS would be diagnosed if an individ-

ual's count was 200 or less. A healthy person's count is between 1,000 and 1,500. Preparation for the increased caseload

was causing some delay in making the definition change, Fallis said. Fallis said he could not estimate

how many more AIDS cases there would be after the change.

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Wednesday, April 15, 1992

The SOWER

Midlands-165

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New AIDS virus spreading to U.S. S EATTLE (AP) — Only a few U.S. blood centers are testing for a rare but spreading strain of the AIDS virus despite fears that it could slip into the nation's blood supply. More than 50,000 people in Europe, Africa, India, the former Soviet Union, and North and South America are in-fected with human immunodeficiency

fected with human immunodeficiency virus Type 2, the second virus known to cause AIDS, according to the World Health Organization. HIV-2 has been identified in at least 37 countries.

The mutation is widespread in Africa, where it primarily is spread heterosexually and has had an incubation period of up to 19 years. At least 43 cases of HIV-2 have been identified in the United States and Canada. Though rare, many experts say there is reason to believe HIV-2 will

spread. "HIV-2 could be a bigger heterosexual transmission threat" than HIV-1, the first AIDS virus discovered, said Michael Wandell, an epidemiologist and director of regulatory and clinical affairs for Genetic Systems. The Redmond-based company is the only federally licensed maker of

HIV-2 tests. While U.S. blood centers are required to test donated blood for HIV-1, testing for the rarer HIV-2 is not required. Ex-perts disagree whether HIV-1 tests always will detect HIV-2.

The federal Food and Drug Commiscion is evaluating a September recom-mendation by its Blood Products Advisory Committee that mandatory universal HIV-2 testing be adopted nationwide by June 1

Many HIV-1 tests now used are crossreactive with HIV-2, and the committee's recommendation is being considered "purely for precautionary reasons," FDA spokesman Brad Stone said. "There's no reason to believe . . . that HIV-2 repre-sents a significant risk to the blood sup-

The American Red Cross, the federal Centers for Disease Control and the FDA in 1990 said HIV-2 was too rare to spend time and money on testing. The CDC estimated testing every blood donor for HIV-2 would cost \$60 million annually.

"In view of the extremely low prevalence of HIV-2 infections in the U.S. population, there appears to be no public health need at this time to screen donors of blood or source plasma for antibodies to HIV-2 with this test," the FDA told blood centers

Fewer than 20 of the nation's 2,400 blood banks and plasma centers — representing 5 percent, by volume, of all the blood collected — test for HIV-2, according to Donna DeLong, Genetic Systems' marketing and business development director.

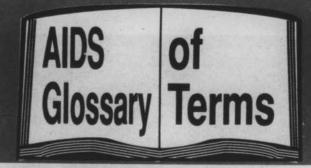
director. "I think it is very possible that HIV-2-infected people are donating today in the U.S. and that blood has the potential to slip through and be transfused into an unsuspecting person," Wandell said.

A person with either strain of HIV may not show detectable signs of infection for up to six months. The CDC found that half of the reported HIV-2 cases in the United States in 1989 tested negative for

A 1991 study by Richard T. Schuma-cher, of Boston Biomedica Inc., with Portugal's National Health Institute revealed FDA-licensed HIV-1 tests detected HIV-2 in only 8 percent to 62 percent of specimens.

"We have an opportunity to prevent a public health problem. It might be in the blood supply. Why wait?" asked National Hemophilia Foundation Executive Direc-tor Alan P. Brownstein.

"When HIV-1 came to the U.S., we didn't know what it was," Brown-stein said. "Now we see HIV-2 coming our way. ... Haven't we learned?"



White-207 Black-32

Hispanic-

ican Indian-

/Pacific Islander-

ADC - AIDS dementia complex. AIDS - Acquired Immune Deficiency Syndrome, and impairment of the body's ability to fight disease. ARC - AIDS-related complex, precursor symptoms to AIDS. AZT - Now called Zidvudine or Retrovir, an antiviral medication taken by come peede with AIDS. medication taken by some people with AIDS. **Blood count** - A laboratory test to determine the number of red cells, white cells and platelets in the blood.

CD-4 cells - Cells that acts as a dock for HIV. CDC - United States Center for Disease Control, which handles all infectious diseases. Epidemic - A disease that affects many people in a

particular area at the same time. GLSA - Gay and Lesbian Student Association, student

group on the UNL campus. HIV - Human Immunodeficiency Virus, a name for the AIDS

virus, created as a compromise between the different names for the virus. Several types of HIV have been discovered, but the most common is HIV-1.

Kaposi's Sercoma - Rare cancer of the skin found in about one-third of AIDS patients.

Names Quilt - A touring quilt made of panels created in remembrance of people who have died from AIDS. NAP - Nebraska AIDS Project, a non-profit AIDS education and support services agency. PFLAG - Parents and Friends of Lesbians and Gays, a

support group, Opportunistic Infection - What AIDS patients are susceptible to, infection by a micro-organism that may be common in the enviroment but causes disease only may be common in the enviroment but causes disease only in a host with a poorly functioning immune system. **PWA** - People with AIDS, a name created because of the stigma associated with being called an AIDS patient or AIDS victim, when one was neither of the two. **SSD** - Supplementary Security Disability, a federal program to provide payments to the disabled who have been employed and have paid into Social Security. **SSI** - Supplementary Security Income, a federal program to provide payments to the indigent. **T-helper cell** - Same as CD-4 cells. **T-cells** - White blood cells. Including both T-helper and

T-cells - White blood cells, including both T-helper and T-suppressor cells, an important part of the immune

system. Virus - A microscopic noncellular organism that depends on a living host cell for survival and causes many diseases such as the common cold, measles, mumps and chicken

