

# The Eras of the HIV Epidemic

1930-1980

1981-1986

Pre-  
Treatment

**Zidovudine (AZT)**  
3'-AZIDO-2'-DEOXYTHYMINE  
AZT: Acyclic nucleoside  
JAN 1987

**Margrethe (Grethe) P. Rask**  
Born 1930  
Thisted, Denmark  
Died 12 December 1977 (aged 47)  
Copenhagen, Denmark<sup>(1)</sup>  
Years 1968-1977

**Gaëtan Dugas**  
Born February 20, 1933

# The Pre-Treatment Era: 1981-1986

1981: CDC reports clusters of PCP & KS in MSM in LA & NY

The image shows the cover of the CDC Morbidity and Mortality Weekly Report (MMWR) for June 5, 1981, Volume 30, Number 21. The CDC logo is in the top left corner. The title 'MMWR MORBIDITY AND MORTALITY WEEKLY REPORT' is prominently displayed in the center. A table of contents is on the right side, listing various articles. The main article, 'Pneumocystis Pneumonia — Los Angeles', is highlighted with a thick black line. The text of this article describes a cluster of five young men in Los Angeles with biopsy-confirmed *Pneumocystis carinii* pneumonia, two of whom died. It details the case of Patient 1, a 33-year-old man who developed PCP after a 2-month history of fever, elevated liver enzymes, leukopenia, and CMV viremia, despite treatment with trimethoprim-sulfamethoxazole, pyrimethamine, and acyclovir.

CDC  
CENTERS FOR DISEASE CONTROL  
AND PREVENTION

June 5, 1981 / Vol. 30 / No. 21

249 Dengue Type 4 Infections in U.S. Travelers to the Caribbean  
250 *Pneumocystis Pneumonia* — Los Angeles  
252 Measles — United States, Five Weeks  
253 Risk-Factor-Prevalence Survey  
259 Surveillance of Childhood Lead Poisoning — United States  
261 Quarantine Measures

***Pneumocystis Pneumonia — Los Angeles***

In the period October 1980–May 1981, 5 young men, all active homosexuals treated for biopsy-confirmed *Pneumocystis carinii* pneumonia at 3 different hospitals in Los Angeles, California. Two of the patients died. All 5 patients had laboratory-confirmed previous or current cytomegalovirus (CMV) infection and candidal infection. Case reports of these patients follow.

**Patient 1:** A previously healthy 33-year-old man developed *P. carinii* pneumonia, oral mucosal candidiasis in March 1981 after a 2-month history of fever associated with elevated liver enzymes, leukopenia, and CMV viremia. The serum complement-fixing CMV titer in October 1980 was 256; in May 1981 it was 32. The patient's condition deteriorated despite courses of treatment with trimethoprim-sulfamethoxazole, pyrimethamine, and acyclovir. He died May 3, and postmortem examination confirmed *P. carinii* pneumonia, but no evidence of neoplasia.

## The Pre-Treatment Era: 1981-1986

1982: "Acquired Immune Deficiency Syndrome"



## The Pre-Treatment Era: 1981-1986

1982: 1st AIDS case from blood transfusion



## The Pre-Treatment Era: 1981-1986

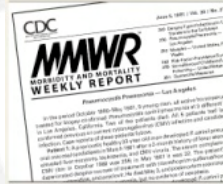
1982: 1st case of AIDS in Africa



# The Pre-Treatment Era: 1981-1986

1981

1982



## The Pre-Treatment Era: 1981-1986

1983: 1<sup>st</sup> AIDS Candlelight Vigil

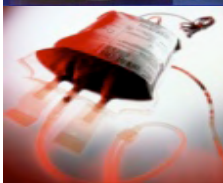
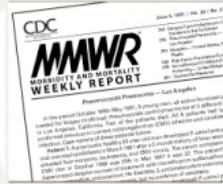


# The Pre-Treatment Era: 1981-1986

1981

1982

1983



# The Pre-Treatment Era: 1981-1986

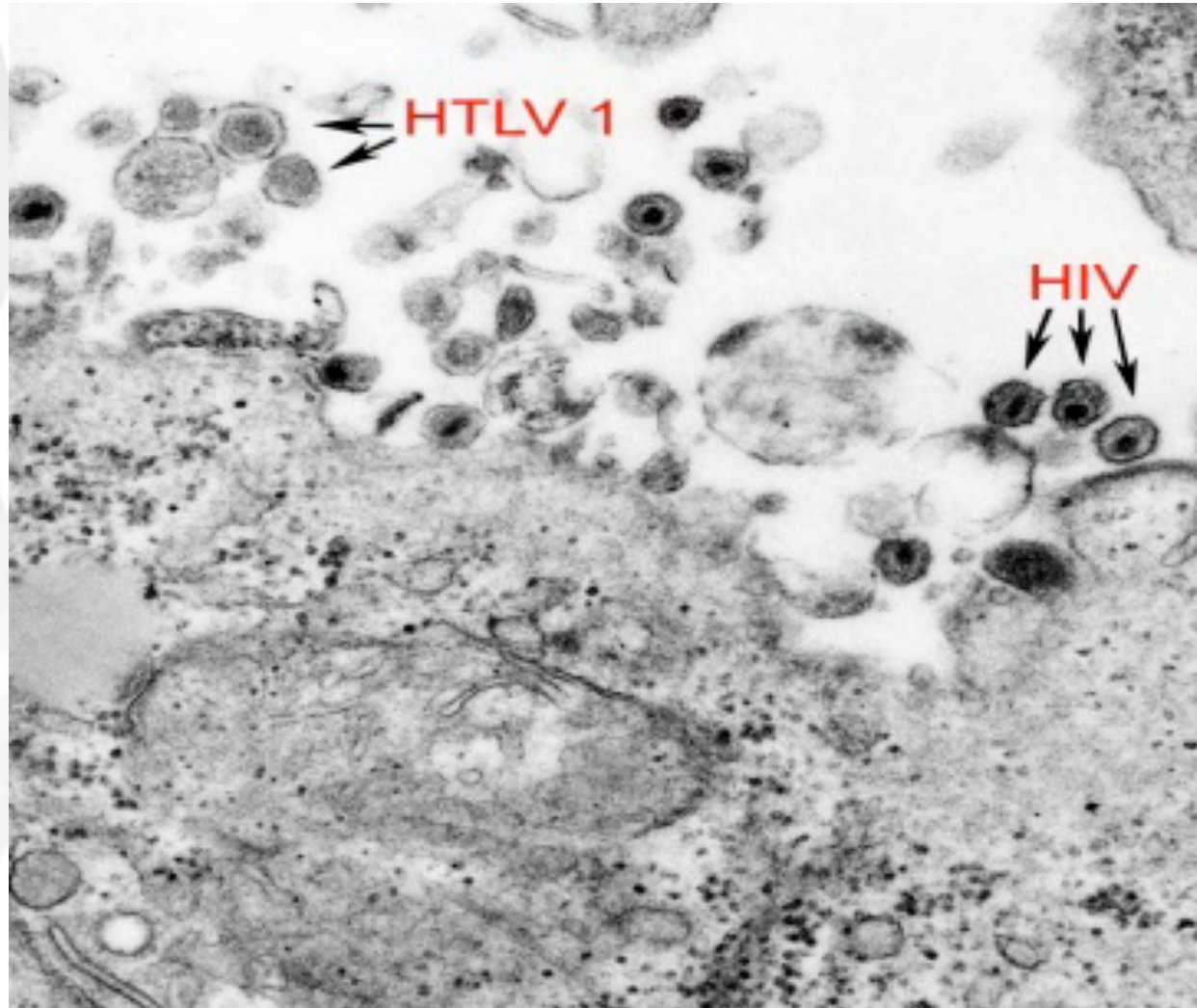
## 1984: Specialized AIDS hospital wards



Chronicle / Eric Luse

# The Pre-Treatment Era: 1981-1986

1984: Discovery of HIV virus



## The Pre-Treatment Era: 1981-1986

1984: US AIDS Cohort Study Established



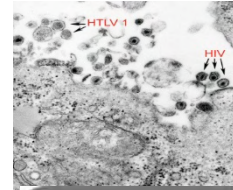
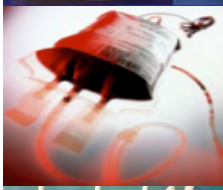
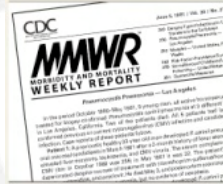
# The Pre-Treatment Era: 1981-1986

1981

1982

1983

1984



# The Pre-Treatment Era: 1981-1986

**1985: Heterosexual transmission recognized**



**Ryan White barred from school**



# The Pre-Treatment Era: 1981-1986

1985: 1st HIV blood test; blood screening in USA



## The Pre-Treatment Era: 1981-1986

1985: AIDS in every region of the world



## The Pre-Treatment Era: 1981-1986

1985: 1st International AIDS Conference



**CENTERS FOR DISEASE  
CONTROL AND PREVENTION**



**World Health Organization**

# The Pre-Treatment Era: 1981-1986

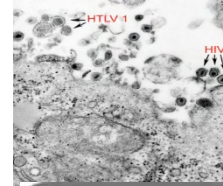
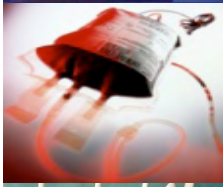
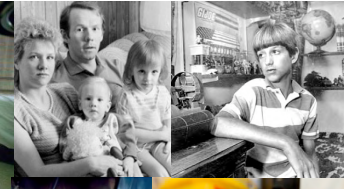
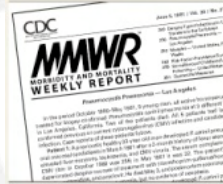
1981

1982

1983

1984

1985



# The Pre-Treatment Era: 1981-1986

1986: AIDS Memorial Quilt founded



# The Pre-Treatment Era: 1981-1986

1981

1982

1983

1984

1985

1986

