



1
00:00:06,769 --> 00:00:04,070
the first first graph first two graphs I

2
00:00:09,879 --> 00:00:06,779
showed showed that there is no apparent

3
00:00:12,950 --> 00:00:09,889
beneficial effect of the drugs and

4
00:00:16,840 --> 00:00:12,960
another peculiarity is that here you

5
00:00:20,300 --> 00:00:16,850
have an infectious disease that doesn't

6
00:00:24,590 --> 00:00:20,310
kill the very young and the very old in

7
00:00:27,259 --> 00:00:24,600
the way most diseases do it kills

8
00:00:30,650 --> 00:00:27,269
primarily people who are in the prime

9
00:00:34,760 --> 00:00:30,660
years of adulthood and I don't think

10
00:00:40,160 --> 00:00:34,770
that makes any sense I think I have time

11
00:00:45,130 --> 00:00:40,170
to talk about the skewness effect what

12
00:00:49,670 --> 00:00:45,140
does testing HIV positive actually mean

13
00:00:54,400 --> 00:00:49,680

testing HIV positive says there is some

14

00:00:58,549 --> 00:00:54,410

sort of immune system response and it's

15

00:01:00,470 --> 00:00:58,559

extremely nonspecific you may test HIV

16

00:01:04,460 --> 00:01:00,480

positive if you've just been vaccinated

17

00:01:07,820 --> 00:01:04,470

for flu if you have tuberculosis you're

18

00:01:12,020 --> 00:01:07,830

almost certain to test positive on these

19

00:01:15,499 --> 00:01:12,030

tests the ability of the immune system

20

00:01:21,080 --> 00:01:15,509

to respond like that appears to be the

21

00:01:25,190 --> 00:01:21,090

maximum around 40 years of age and in my

22

00:01:28,550 --> 00:01:25,200

book I summarize the way in which a

23

00:01:32,539 --> 00:01:28,560

chart testing HIV positive varies with

24

00:01:36,429 --> 00:01:32,549

age and this summarizes a great number

25

00:01:41,929 --> 00:01:36,439

of groups prisoners blood donors gay men

26

00:01:46,340 --> 00:01:41,939

what have you decreased from birth into

27

00:01:49,069 --> 00:01:46,350

the teens maximum in middle-aged males

28

00:01:52,280 --> 00:01:49,079

testing positive more frequently than

29

00:01:54,980 --> 00:01:52,290

females except in the lower teenage

30

00:02:03,830 --> 00:01:54,990

years when females tend to test positive

31

00:02:06,499 --> 00:02:03,840

more often than males but it is not

32

00:02:09,889 --> 00:02:06,509

always the same cross-section of the

33

00:02:12,770 --> 00:02:09,899

population that gets tested for HIV and

34

00:02:13,520 --> 00:02:12,780

in the early 80s the people who were

35

00:02:18,559 --> 00:02:13,530

being

36

00:02:22,610 --> 00:02:18,569

Stud were largely gay men who either

37

00:02:24,530 --> 00:02:22,620

were already ill or thought for good

38

00:02:31,580 --> 00:02:24,540

reason that they were in danger of

39

00:02:34,820 --> 00:02:31,590

becoming ill and so instead of instead

40

00:02:37,370 --> 00:02:34,830

of this more or less normal curve for

41

00:02:43,340 --> 00:02:37,380

testing positive you had a shoulder on

42

00:02:49,040 --> 00:02:43,350

the left here at younger ages the

43

00:02:53,000 --> 00:02:49,050

shifting skewness to the to the at to

44

00:03:01,850 --> 00:02:53,010

later ages deaths at later ages in the

45

00:03:06,590 --> 00:03:01,860

more recent years are because people of

46

00:03:10,090 --> 00:03:06,600

all ages not necessarily ill are being

47

00:03:15,160 --> 00:03:10,100

tested more and more frequently so that

48

00:03:21,380 --> 00:03:15,170

shoulder on the lower age side

49

00:03:23,300 --> 00:03:21,390

disappeared but if you test HIV positive

50

00:03:26,000 --> 00:03:23,310

the mainstream view is you've got a

51
00:03:29,420 --> 00:03:26,010
deadly infection that requires you to be

52
00:03:36,110 --> 00:03:29,430
treated with antiretroviral drugs and

53
00:03:39,319 --> 00:03:36,120
those drugs are incredibly toxic don't

54
00:03:42,130 --> 00:03:39,329
take my word for it read the treatment

55
00:03:48,080 --> 00:03:42,140
guidelines he is the latest version

56
00:03:51,650 --> 00:03:48,090
available on the NIH website the risk of

57
00:03:56,810 --> 00:03:51,660
several non aids-defining conditions

58
00:04:01,250 --> 00:03:56,820
including heart liver kidney and cancer

59
00:04:04,849 --> 00:04:01,260
is greater than the risk for AIDS if you

60
00:04:08,270 --> 00:04:04,859
are on antiretroviral treatment you are

61
00:04:11,569 --> 00:04:08,280
more likely to die from the drug side

62
00:04:14,210 --> 00:04:11,579
effects than you are from the disease

63
00:04:19,219 --> 00:04:14,220

for which you're supposedly being

64

00:04:22,640 --> 00:04:19,229

treated so the rates of death among

65

00:04:27,360 --> 00:04:22,650

hiv-positive people have gone up because

66

00:04:31,490 --> 00:04:27,370

of these additional causes of death drag

67

00:04:36,900 --> 00:04:31,500

induced and these drugs produce death

68

00:04:41,189 --> 00:04:36,910

only after a decade or so and so the

69

00:04:45,360 --> 00:04:41,199

curve the age distribution of deaths

70

00:04:50,520 --> 00:04:45,370

from HIV disease has grown a shoulder

71

00:04:57,150 --> 00:04:50,530

has been skewed to later ages because of

72

00:05:02,730 --> 00:04:57,160

the antiretroviral treatment thank you

73

00:05:07,170 --> 00:05:02,740

and I had a timer to I also want to

74

00:05:11,969 --> 00:05:07,180

thank Karen and Tom Dykstra for prodding

75

00:05:24,480 --> 00:05:11,979

me into the PowerPoint age and and Mike

76

00:05:31,780 --> 00:05:24,490

Wilson for personal tutoring in it do we

77

00:05:36,980 --> 00:05:35,270

so in your data if you appear to make

78

00:05:38,810 --> 00:05:36,990

the assumption that all the people who

79

00:05:42,140 --> 00:05:38,820

have tested positive for aids are also

80

00:05:43,880 --> 00:05:42,150

receiving the treatment for AIDS I'm not

81

00:05:45,170 --> 00:05:43,890

sure that that's the case in fact if

82

00:05:47,120 --> 00:05:45,180

they do receive the treatment they might

83

00:05:51,320 --> 00:05:47,130

not appropriately take the treatment

84

00:05:53,270 --> 00:05:51,330

with the advertised effect of the drugs

85

00:05:55,250 --> 00:05:53,280

that you're going to get a 10 to 15 year

86

00:05:58,340 --> 00:05:55,260

lifespan and you're just looking at

87

00:05:59,840 --> 00:05:58,350

deaths and we just started in 15 years

88

00:06:01,520 --> 00:05:59,850

ago it's quite possible that it's a

89

00:06:03,620 --> 00:06:01,530

bimodal distribution or a try model

90

00:06:06,380 --> 00:06:03,630

distribution we have those people who

91

00:06:10,280 --> 00:06:06,390

are not receiving the treatment dying

92

00:06:12,140 --> 00:06:10,290

those people who maybe are take the

93

00:06:13,760 --> 00:06:12,150

treatment but aren't in the the subset

94

00:06:15,800 --> 00:06:13,770

of population that the treatment effects

95

00:06:18,950 --> 00:06:15,810

die and the people who are receiving the

96

00:06:20,030 --> 00:06:18,960

treatment haven't died yet so and I'm

97

00:06:22,220 --> 00:06:20,040

not sure if I agree with your

98

00:06:27,350 --> 00:06:22,230

explanation of the shoulder your trend

99

00:06:29,270 --> 00:06:27,360

showed it from 2004 2000 was getting

100

00:06:31,820 --> 00:06:29,280

larger and then you just explain the

101
00:06:35,000 --> 00:06:31,830
shoulder as being a effect of the drugs

102
00:06:36,950 --> 00:06:35,010
actually killing the people I'm not sure

103
00:06:40,550 --> 00:06:36,960
they would can you respond to that place

104
00:06:44,570 --> 00:06:40,560
right the everyone in the United States

105
00:06:47,870 --> 00:06:44,580
gets free treatment for AIDS we don't

106
00:06:53,210 --> 00:06:47,880
have socialized medicine except in the

107
00:06:56,469 --> 00:06:53,220
case of hiv/aids so in the United States

108
00:07:01,909 --> 00:06:56,479
not globally but in the United States

109
00:07:06,820 --> 00:07:01,919
everyone who gets tested for HIV or who

110
00:07:11,570 --> 00:07:06,830
has clinical aids gets free treatment

111
00:07:15,040 --> 00:07:11,580
yes Henry I just wanted to ask you um in

112
00:07:17,870 --> 00:07:15,050
your opinion are the other physicians

113
00:07:20,540 --> 00:07:17,880

misdiagnosing people with the disease of

114

00:07:21,560 --> 00:07:20,550

AIDS regardless of whatever may cause it

115

00:07:24,530 --> 00:07:21,570

because there is a great deal of

116

00:07:26,990 --> 00:07:24,540

controversy on the various causes of the

117

00:07:30,260 --> 00:07:27,000

disease including whether it is the via

118

00:07:33,860 --> 00:07:30,270

the HIV virus or other you know maybe

119

00:07:35,510 --> 00:07:33,870

nutritional immuno causes and that type

120

00:07:37,640 --> 00:07:35,520

of thing what's your opinion on

121

00:07:40,219 --> 00:07:37,650

physician physicians are in a dreadful

122

00:07:42,990 --> 00:07:40,229

situation because they have to accept

123

00:07:45,570 --> 00:07:43,000

what the official point of view is

124

00:07:49,620 --> 00:07:45,580

and so if there are people who they

125

00:07:52,170 --> 00:07:49,630

suspect of being HIV positive they take

126
00:07:55,110 --> 00:07:52,180
the samples send them to a lab and have

127
00:07:57,300 --> 00:07:55,120
to accept the lab results if they're

128
00:08:01,260 --> 00:07:57,310
positive they have to follow the

129
00:08:04,380 --> 00:08:01,270
official treatment guidelines the issue

130
00:08:06,900 --> 00:08:04,390
of what actually caused AIDS is really

131
00:08:09,720 --> 00:08:06,910
complicated by the fact that the

132
00:08:15,120 --> 00:08:09,730
definition has changed progressively

133
00:08:18,540 --> 00:08:15,130
from 1987 on and the diseases that are

134
00:08:20,750 --> 00:08:18,550
now classed as aids are very different

135
00:08:25,110 --> 00:08:20,760
from the ones that were the original

136
00:08:29,070 --> 00:08:25,120
1980s aids and the biggest change came

137
00:08:32,700 --> 00:08:29,080
in 1993 the Centers for Disease Control

138
00:08:36,000 --> 00:08:32,710

said anyone who's hiv-positive and has a

139

00:08:41,120 --> 00:08:36,010

certain immune system cell count less

140

00:08:44,670 --> 00:08:41,130

than 200 cells per milliliter has AIDS

141

00:08:48,060 --> 00:08:44,680

no other country in the world accepts

142

00:08:50,250 --> 00:08:48,070

that definition so if you have AIDS in

143

00:08:52,920 --> 00:08:50,260

the United States for that reason you

144

00:08:57,240 --> 00:08:52,930

can go to Canada or Mexico and you don't

145

00:09:00,480 --> 00:08:57,250

have AIDS anymore and seventy percent of

146

00:09:06,240 --> 00:09:00,490

the u.s. AIDS diagnosis are on that

147

00:09:08,160 --> 00:09:06,250

basis Henry several years ago we had a

148

00:09:10,860 --> 00:09:08,170

really interesting speaker on this

149

00:09:15,000 --> 00:09:10,870

subject can't remember the man's name

150

00:09:18,270 --> 00:09:15,010

Ruth Bernstein yeah and no Ruth yeah

151

00:09:21,750 --> 00:09:18,280

yeah and what was identified there was

152

00:09:24,120 --> 00:09:21,760

about a dozen cofactors that were some

153

00:09:29,700 --> 00:09:24,130

were strong and some were weak have you

154

00:09:32,400 --> 00:09:29,710

included the cofactor and from that list

155

00:09:36,510 --> 00:09:32,410

in there in any way or is that just too

156

00:09:39,060 --> 00:09:36,520

much work I I don't believe that that

157

00:09:43,110 --> 00:09:39,070

was actually the the cofactors are

158

00:09:44,700 --> 00:09:43,120

actually the cause of AIDS and since

159

00:09:47,840 --> 00:09:44,710

writing the book I've had a

160

00:09:51,350 --> 00:09:47,850

communication from a gay man who's been

161

00:09:55,650 --> 00:09:51,360

positive and healthy for 15 years

162

00:09:56,460 --> 00:09:55,660

because he identified the cause of the