

1
00:00:00,000 --> 00:00:06,778
the first first graph first two graphs I

2
00:00:04,080 --> 00:00:09,888
showed showed that there is no apparent

3
00:00:06,778 --> 00:00:12,960
beneficial effect of the drugs and

4
00:00:09,888 --> 00:00:16,850
another peculiarity is that here you

5
00:00:12,960 --> 00:00:20,310
have an infectious disease that doesn't

6
00:00:16,850 --> 00:00:24,600
kill the very young and the very old in

7
00:00:20,309 --> 00:00:27,268
the way most diseases do it kills

8
00:00:24,600 --> 00:00:30,660
primarily people who are in the prime

9
00:00:27,268 --> 00:00:34,769
years of adulthood and I don't think

10
00:00:30,660 --> 00:00:40,170
that makes any sense I think I have time

11
00:00:34,770 --> 00:00:45,140
to talk about the skewness effect what

12
00:00:40,170 --> 00:00:49,679
does testing HIV positive actually mean

13
00:00:45,140 --> 00:00:54,409
testing HIV positive says there is some

14
00:00:49,679 --> 00:00:58,558
sort of immune system response and it's

15
00:00:54,409 --> 00:01:00,479
extremely nonspecific you may test HIV

16
00:00:58,558 --> 00:01:04,469
positive if you've just been vaccinated

17
00:01:00,479 --> 00:01:07,829
for flu if you have tuberculosis you're

18
00:01:04,469 --> 00:01:12,030
almost certain to test positive on these

19
00:01:07,829 --> 00:01:15,509
tests the ability of the immune system

20
00:01:12,030 --> 00:01:21,090
to respond like that appears to be the

21
00:01:15,509 --> 00:01:25,200
maximum around 40 years of age and in my

22
00:01:21,090 --> 00:01:28,560
book I summarize the way in which a

23
00:01:25,200 --> 00:01:32,549
chart testing HIV positive varies with

24
00:01:28,560 --> 00:01:36,439
age and this summarizes a great number

25
00:01:32,549 --> 00:01:41,939
of groups prisoners blood donors gay men

26
00:01:36,438 --> 00:01:46,349
what have you decreased from birth into

27
00:01:41,938 --> 00:01:49,078
the teens maximum in middle-aged males

28
00:01:46,349 --> 00:01:52,289
testing positive more frequently than

29

00:01:49,078 --> 00:01:54,989
females except in the lower teenage

30
00:01:52,290 --> 00:02:03,840
years when females tend to test positive

31
00:01:54,989 --> 00:02:06,509
more often than males but it is not

32
00:02:03,840 --> 00:02:09,899
always the same cross-section of the

33
00:02:06,509 --> 00:02:12,780
population that gets tested for HIV and

34
00:02:09,899 --> 00:02:13,530
in the early 80s the people who were

35
00:02:12,780 --> 00:02:18,568
being

36
00:02:13,530 --> 00:02:22,620
Stud were largely gay men who either

37
00:02:18,568 --> 00:02:24,539
were already ill or thought for good

38
00:02:22,620 --> 00:02:31,590
reason that they were in danger of

39
00:02:24,539 --> 00:02:34,829
becoming ill and so instead of instead

40
00:02:31,590 --> 00:02:37,379
of this more or less normal curve for

41
00:02:34,830 --> 00:02:43,350
testing positive you had a shoulder on

42
00:02:37,379 --> 00:02:49,049
the left here at younger ages the

43
00:02:43,349 --> 00:02:53,009

shifting skewness to the to the at to

44

00:02:49,050 --> 00:03:01,860

later ages deaths at later ages in the

45

00:02:53,009 --> 00:03:06,599

more recent years are because people of

46

00:03:01,860 --> 00:03:10,100

all ages not necessarily ill are being

47

00:03:06,599 --> 00:03:15,169

tested more and more frequently so that

48

00:03:10,099 --> 00:03:21,389

shoulder on the lower age side

49

00:03:15,169 --> 00:03:23,310

disappeared but if you test HIV positive

50

00:03:21,389 --> 00:03:26,009

the mainstream view is you've got a

51

00:03:23,310 --> 00:03:29,430

deadly infection that requires you to be

52

00:03:26,009 --> 00:03:36,120

treated with antiretroviral drugs and

53

00:03:29,430 --> 00:03:39,329

those drugs are incredibly toxic don't

54

00:03:36,120 --> 00:03:42,140

take my word for it read the treatment

55

00:03:39,329 --> 00:03:48,090

guidelines he is the latest version

56

00:03:42,139 --> 00:03:51,659

available on the NIH website the risk of

57

00:03:48,090 --> 00:03:56,819

several non aids-defining conditions

58
00:03:51,659 --> 00:04:01,259
including heart liver kidney and cancer

59
00:03:56,819 --> 00:04:04,858
is greater than the risk for AIDS if you

60
00:04:01,259 --> 00:04:08,280
are on antiretroviral treatment you are

61
00:04:04,859 --> 00:04:11,579
more likely to die from the drug side

62
00:04:08,280 --> 00:04:14,219
effects than you are from the disease

63
00:04:11,579 --> 00:04:19,228
for which you're supposedly being

64
00:04:14,219 --> 00:04:22,649
treated so the rates of death among

65
00:04:19,228 --> 00:04:27,370
hiv-positive people have gone up because

66
00:04:22,649 --> 00:04:31,500
of these additional causes of death drag

67
00:04:27,370 --> 00:04:36,910
induced and these drugs produce death

68
00:04:31,500 --> 00:04:41,199
only after a decade or so and so the

69
00:04:36,910 --> 00:04:45,370
curve the age distribution of deaths

70
00:04:41,199 --> 00:04:50,530
from HIV disease has grown a shoulder

71
00:04:45,370 --> 00:04:57,160
has been skewed to later ages because of

72
00:04:50,529 --> 00:05:02,739
the antiretroviral treatment thank you

73
00:04:57,160 --> 00:05:07,180
and I had a timer to I also want to

74
00:05:02,740 --> 00:05:11,978
thank Karen and Tom Dykstra for prodding

75
00:05:07,180 --> 00:05:24,490
me into the PowerPoint age and and Mike

76
00:05:11,978 --> 00:05:27,180
Wilson for personal tutoring in it do we

77
00:05:24,490 --> 00:05:27,180
have any questions

78
00:05:31,790 --> 00:05:36,990
so in your data if you appear to make

79
00:05:35,279 --> 00:05:38,819
the assumption that all the people who

80
00:05:36,990 --> 00:05:42,150
have tested positive for aids are also

81
00:05:38,819 --> 00:05:43,889
receiving the treatment for AIDS I'm not

82
00:05:42,149 --> 00:05:45,179
sure that that's the case in fact if

83
00:05:43,889 --> 00:05:47,129
they do receive the treatment they might

84
00:05:45,180 --> 00:05:51,329
not appropriately take the treatment

85
00:05:47,129 --> 00:05:53,279
with the advertised effect of the drugs

86

00:05:51,329 --> 00:05:55,259
that you're going to get a 10 to 15 year

87
00:05:53,279 --> 00:05:58,349
lifespan and you're just looking at

88
00:05:55,259 --> 00:05:59,849
deaths and we just started in 15 years

89
00:05:58,350 --> 00:06:01,530
ago it's quite possible that it's a

90
00:05:59,850 --> 00:06:03,629
bimodal distribution or a try model

91
00:06:01,529 --> 00:06:06,389
distribution we have those people who

92
00:06:03,629 --> 00:06:10,290
are not receiving the treatment dying

93
00:06:06,389 --> 00:06:12,149
those people who maybe are take the

94
00:06:10,290 --> 00:06:13,770
treatment but aren't in the the subset

95
00:06:12,149 --> 00:06:15,810
of population that the treatment effects

96
00:06:13,769 --> 00:06:18,959
die and the people who are receiving the

97
00:06:15,810 --> 00:06:20,040
treatment haven't died yet so and I'm

98
00:06:18,959 --> 00:06:22,229
not sure if I agree with your

99
00:06:20,040 --> 00:06:27,360
explanation of the shoulder your trend

100
00:06:22,230 --> 00:06:29,280

showed it from 2004 2000 was getting

101

00:06:27,360 --> 00:06:31,830

larger and then you just explain the

102

00:06:29,279 --> 00:06:35,009

shoulder as being a effect of the drugs

103

00:06:31,829 --> 00:06:36,959

actually killing the people I'm not sure

104

00:06:35,009 --> 00:06:40,560

they would can you respond to that place

105

00:06:36,959 --> 00:06:44,579

right the everyone in the United States

106

00:06:40,560 --> 00:06:47,879

gets free treatment for AIDS we don't

107

00:06:44,579 --> 00:06:53,219

have socialized medicine except in the

108

00:06:47,879 --> 00:06:56,478

case of hiv/aids so in the United States

109

00:06:53,220 --> 00:07:01,919

not globally but in the United States

110

00:06:56,478 --> 00:07:06,829

everyone who gets tested for HIV or who

111

00:07:01,918 --> 00:07:11,579

has clinical aids gets free treatment

112

00:07:06,829 --> 00:07:15,050

yes Henry I just wanted to ask you um in

113

00:07:11,579 --> 00:07:17,879

your opinion are the other physicians

114

00:07:15,050 --> 00:07:20,550

misdiagnosing people with the disease of

115
00:07:17,879 --> 00:07:21,569
AIDS regardless of whatever may cause it

116
00:07:20,550 --> 00:07:24,540
because there is a great deal of

117
00:07:21,569 --> 00:07:27,000
controversy on the various causes of the

118
00:07:24,540 --> 00:07:30,270
disease including whether it is the via

119
00:07:27,000 --> 00:07:33,870
the HIV virus or other you know maybe

120
00:07:30,269 --> 00:07:35,519
nutritional immuno causes and that type

121
00:07:33,870 --> 00:07:37,649
of thing what's your opinion on

122
00:07:35,519 --> 00:07:40,228
physician physicians are in a dreadful

123
00:07:37,649 --> 00:07:43,000
situation because they have to accept

124
00:07:40,228 --> 00:07:45,579
what the official point of view is

125
00:07:43,000 --> 00:07:49,629
and so if there are people who they

126
00:07:45,579 --> 00:07:52,180
suspect of being HIV positive they take

127
00:07:49,629 --> 00:07:55,120
the samples send them to a lab and have

128
00:07:52,180 --> 00:07:57,310
to accept the lab results if they're

129

00:07:55,120 --> 00:08:01,269

positive they have to follow the

130

00:07:57,310 --> 00:08:04,389

official treatment guidelines the issue

131

00:08:01,269 --> 00:08:06,909

of what actually caused AIDS is really

132

00:08:04,389 --> 00:08:09,729

complicated by the fact that the

133

00:08:06,910 --> 00:08:15,130

definition has changed progressively

134

00:08:09,730 --> 00:08:18,550

from 1987 on and the diseases that are

135

00:08:15,129 --> 00:08:20,759

now classed as aids are very different

136

00:08:18,550 --> 00:08:25,120

from the ones that were the original

137

00:08:20,759 --> 00:08:29,079

1980s aids and the biggest change came

138

00:08:25,120 --> 00:08:32,710

in 1993 the Centers for Disease Control

139

00:08:29,079 --> 00:08:36,009

said anyone who's hiv-positive and has a

140

00:08:32,710 --> 00:08:41,129

certain immune system cell count less

141

00:08:36,009 --> 00:08:44,679

than 200 cells per milliliter has AIDS

142

00:08:41,129 --> 00:08:48,070

no other country in the world accepts

143

00:08:44,679 --> 00:08:50,259
that definition so if you have AIDS in

144
00:08:48,070 --> 00:08:52,930
the United States for that reason you

145
00:08:50,259 --> 00:08:57,250
can go to Canada or Mexico and you don't

146
00:08:52,929 --> 00:09:00,489
have AIDS anymore and seventy percent of

147
00:08:57,250 --> 00:09:06,250
the u.s. AIDS diagnosis are on that

148
00:09:00,490 --> 00:09:08,169
basis Henry several years ago we had a

149
00:09:06,250 --> 00:09:10,870
really interesting speaker on this

150
00:09:08,169 --> 00:09:15,009
subject can't remember the man's name

151
00:09:10,870 --> 00:09:18,279
Ruth Bernstein yeah and no Ruth yeah

152
00:09:15,009 --> 00:09:21,759
yeah and what was identified there was

153
00:09:18,279 --> 00:09:24,129
about a dozen cofactors that were some

154
00:09:21,759 --> 00:09:29,710
were strong and some were weak have you

155
00:09:24,129 --> 00:09:32,409
included the cofactor and from that list

156
00:09:29,710 --> 00:09:36,519
in there in any way or is that just too

157
00:09:32,409 --> 00:09:39,069

much work I I don't believe that that

158

00:09:36,519 --> 00:09:43,120

was actually the the cofactors are

159

00:09:39,070 --> 00:09:44,710

actually the cause of AIDS and since

160

00:09:43,120 --> 00:09:47,850

writing the book I've had a

161

00:09:44,710 --> 00:09:51,360

communication from a gay man who's been

162

00:09:47,850 --> 00:09:55,659

positive and healthy for 15 years

163

00:09:51,360 --> 00:09:56,470

because he identified the cause of the

164

00:09:55,659 --> 00:10:01,169

original

165

00:09:56,470 --> 00:10:01,170

aids as intestinal dispose