

1
00:00:11,900 --> 00:00:13,929
Oh

2
00:00:21,129 --> 00:00:27,429
hello and welcome to the skeptic zone

3
00:00:24,050 --> 00:00:30,140
show number 16 for the six of february

4
00:00:27,429 --> 00:00:32,539
2009 couple of interesting stories we

5
00:00:30,140 --> 00:00:34,909
have for you today let's kick off with

6
00:00:32,539 --> 00:00:37,369
an interview dr. Rachel conducted with

7
00:00:34,909 --> 00:00:39,709
Ben Goldacre from the bad science blogs

8
00:00:37,369 --> 00:00:41,359
that'll be followed by a short report

9
00:00:39,710 --> 00:00:44,000
where some of us went looking for a

10
00:00:41,359 --> 00:00:46,189
miracle miracle apparition here in

11
00:00:44,000 --> 00:00:48,530
Sydney on one of the beaches a vision of

12
00:00:46,189 --> 00:00:50,238
the Virgin Mary and then we'll have an

13
00:00:48,530 --> 00:00:52,730
interview with current New South Wales

14
00:00:50,238 --> 00:00:55,518
president of Australian skeptics peterb

15
00:00:52,729 --> 00:01:04,159
outage otherwise known as ratbags where

16
00:00:55,518 --> 00:01:06,109
he will discuss quackery dr. Ben

17
00:01:04,159 --> 00:01:08,840
Goldacre is an award-winning writer

18
00:01:06,109 --> 00:01:10,849
broadcaster and medical doctor who has

19
00:01:08,840 --> 00:01:13,939
written the weekly bad science column in

20
00:01:10,849 --> 00:01:16,459
The Guardian since 2003 he appears

21
00:01:13,939 --> 00:01:18,679
regularly on radio 4 and television and

22
00:01:16,459 --> 00:01:21,228
has written for Time Out New Statesman

23
00:01:18,679 --> 00:01:24,170
and the British Medical Journal as well

24
00:01:21,228 --> 00:01:26,868
as various book chapters his book bad

25
00:01:24,170 --> 00:01:30,240
science was released in october 2008 and

26
00:01:26,868 --> 00:01:32,618
has since gone on to be a best-seller

27
00:01:30,239 --> 00:01:34,118
and welcome to the skeptics I'm Ben

28
00:01:32,618 --> 00:01:37,959
Goldacre thank you for talking to us

29

00:01:34,118 --> 00:01:40,030
today hey hi good fun now Ben you bum

30
00:01:37,959 --> 00:01:41,859
got some sort you've got some science

31
00:01:40,030 --> 00:01:43,840
journalism in your family and in fact of

32
00:01:41,859 --> 00:01:46,478
interest to our Australian listeners

33
00:01:43,840 --> 00:01:48,368
would be that your uncle is the highly

34
00:01:46,478 --> 00:01:49,719
respected science broadcaster Robin

35
00:01:48,368 --> 00:01:51,939
Williams who's the host of the

36
00:01:49,719 --> 00:01:53,950
long-running ABC radio show the science

37
00:01:51,939 --> 00:01:55,149
show amongst others can you tell us how

38
00:01:53,950 --> 00:01:57,850
you became involved in science

39
00:01:55,149 --> 00:02:01,539
journalism yeah I mean it's completely

40
00:01:57,849 --> 00:02:03,339
unglamorous I am I like most nerds sort

41
00:02:01,539 --> 00:02:04,989
of recognized that almost everything I

42
00:02:03,340 --> 00:02:06,460
read in the newspapers that had anything

43
00:02:04,989 --> 00:02:09,068

to do with science or health thing to be

44

00:02:06,459 --> 00:02:12,489

sort of significantly wrong in a lot of

45

00:02:09,068 --> 00:02:13,539

cases so I just sort of i just i rang up

46

00:02:12,489 --> 00:02:14,620

the Guardian I mean people sort of

47

00:02:13,539 --> 00:02:16,389

imagined that breaking into the media

48

00:02:14,620 --> 00:02:17,890

must be amazingly difficult but on the

49

00:02:16,389 --> 00:02:20,199

letters page there's they have the

50

00:02:17,889 --> 00:02:22,000

address and the switchboard number and I

51

00:02:20,199 --> 00:02:25,089

just rang that up and said can I write

52

00:02:22,000 --> 00:02:27,039

for you and and they said yes and it's a

53

00:02:25,090 --> 00:02:30,939

bit ly couldn't be any less complicated

54

00:02:27,039 --> 00:02:32,729

really well and that was in 2003 you

55

00:02:30,939 --> 00:02:34,750

started writing the bad science column

56

00:02:32,729 --> 00:02:35,919

yeah yeah I mean I've done a couple of

57

00:02:34,750 --> 00:02:38,139

little bits and bobs here and there but

58
00:02:35,919 --> 00:02:39,458
not very much really and you know I mean

59
00:02:38,139 --> 00:02:42,429
I just sort of accidentally fell into it

60
00:02:39,459 --> 00:02:45,030
okay well your blog which is also called

61
00:02:42,430 --> 00:02:47,980
bad science reports on the media's

62
00:02:45,030 --> 00:02:49,329
misrepresentation of science and one of

63
00:02:47,979 --> 00:02:50,949
your most recent victories in this

64
00:02:49,329 --> 00:02:52,840
regard been occurred a couple of weeks

65
00:02:50,949 --> 00:02:55,479
ago and it was involving an interview

66
00:02:52,840 --> 00:02:59,680
you did on radio BBC four with the

67
00:02:55,479 --> 00:03:01,119
managing director of detox in a box uh I

68
00:02:59,680 --> 00:03:03,159
was all a bit childish really she um

69
00:03:01,120 --> 00:03:04,480
there are they invited me on to talk

70
00:03:03,159 --> 00:03:05,889
about sort of detox because every

71
00:03:04,479 --> 00:03:08,169
January obviously there's this sort of

72
00:03:05,889 --> 00:03:10,449
parade of morons through the media who

73
00:03:08,169 --> 00:03:12,689
say that by you know eating fresh fruit

74
00:03:10,449 --> 00:03:17,469
and vegetables for a week or two you can

75
00:03:12,689 --> 00:03:19,120
you know it change your long-term cardio

76
00:03:17,469 --> 00:03:20,318
basically vascular and cancer risk

77
00:03:19,120 --> 00:03:23,319
factors and all that sort of stuff which

78
00:03:20,318 --> 00:03:24,969
is plainly nonsense and I was speaking

79
00:03:23,318 --> 00:03:30,129
opposite somebody called deeds that had

80
00:03:24,969 --> 00:03:31,389
Nair's from detox in a box and she has a

81
00:03:30,129 --> 00:03:32,979
website that makes all these kinds of

82
00:03:31,389 --> 00:03:36,459
bizarre claims about things like cadmium

83
00:03:32,979 --> 00:03:39,128
and her disconnect from reality is so

84
00:03:36,459 --> 00:03:41,479
profound that when I read out sections

85
00:03:39,128 --> 00:03:43,399
of her own website to her

86

00:03:41,479 --> 00:03:47,268
she just sort of denied that they were

87
00:03:43,400 --> 00:03:49,879
even on her website at all which you

88
00:03:47,269 --> 00:03:51,408
know I don't know I suppose it gets you

89
00:03:49,878 --> 00:03:55,068
out of a sticky situation for the

90
00:03:51,408 --> 00:03:58,280
immediate next 30 seconds deny the

91
00:03:55,068 --> 00:04:02,899
contents of your own website but um yeah

92
00:03:58,280 --> 00:04:04,250
and I call them out on it what's the

93
00:04:02,900 --> 00:04:06,469
evidence that it will get rid of cadmium

94
00:04:04,250 --> 00:04:08,509
from my body we haven't actually made

95
00:04:06,469 --> 00:04:09,919
any claims on our website about cadmium

96
00:04:08,509 --> 00:04:11,539
on Mercury so don't actually know which

97
00:04:09,919 --> 00:04:12,768
website you're referring to you say one

98
00:04:11,539 --> 00:04:14,568
of the most complex detoxification

99
00:04:12,769 --> 00:04:16,579
functions is against heavy metals such

100
00:04:14,568 --> 00:04:18,228

as lead mercury cadmium which you

101

00:04:16,579 --> 00:04:20,060

misspelled I presume you mean cadmium

102

00:04:18,228 --> 00:04:21,589

nickel arsenic and alanine and I

103

00:04:20,060 --> 00:04:23,780

actually think you must be referring to

104

00:04:21,589 --> 00:04:24,859

or wrong the wrong website and its light

105

00:04:23,779 --> 00:04:26,209

difficulty because I haven't got the

106

00:04:24,860 --> 00:04:28,340

website in front of me so I thought I

107

00:04:26,209 --> 00:04:33,379

come I'll check and i'll post on please

108

00:04:28,339 --> 00:04:35,629

stop it later come back to leave huh it

109

00:04:33,379 --> 00:04:37,069

was a bit difficult i see because at the

110

00:04:35,629 --> 00:04:38,209

time i was sort of really polite and i

111

00:04:37,069 --> 00:04:40,490

just said okay well I'll go and check

112

00:04:38,209 --> 00:04:42,079

and I'll postal winks at bad science net

113

00:04:40,490 --> 00:04:44,090

later and lots of people did go and have

114

00:04:42,079 --> 00:04:46,129

a look at it but I'm never quite I mean

115
00:04:44,089 --> 00:04:48,500
I'm a sort of very sort of courteous

116
00:04:46,129 --> 00:04:51,800
person and I didn't want to sort of you

117
00:04:48,500 --> 00:04:54,560
know say you big fat liar they totally

118
00:04:51,800 --> 00:04:56,930
your website does that be wrong and

119
00:04:54,560 --> 00:04:58,490
awful and I think a lot of the time as

120
00:04:56,930 --> 00:05:00,079
well people probably who are listening

121
00:04:58,490 --> 00:05:01,728
only really engaged with the sort of

122
00:05:00,079 --> 00:05:04,359
emotional tempo of what's happening

123
00:05:01,728 --> 00:05:07,279
rather than then the factual content and

124
00:05:04,360 --> 00:05:10,879
so yes I was very polite but it turned

125
00:05:07,279 --> 00:05:13,429
out that in fact or I was right which

126
00:05:10,879 --> 00:05:14,918
you know I might not be always just

127
00:05:13,430 --> 00:05:18,470
always a nice treat when you are there

128
00:05:14,918 --> 00:05:20,449
well the BBC actually on air made that

129
00:05:18,470 --> 00:05:23,120
announcement there they in fact said the

130
00:05:20,449 --> 00:05:24,680
doctor was right and then detoxing the

131
00:05:23,120 --> 00:05:28,098
box had to put a disclaimer on their

132
00:05:24,680 --> 00:05:29,840
website is that correct uh yes oh yes

133
00:05:28,098 --> 00:05:32,120
she sort of deleted things off their

134
00:05:29,839 --> 00:05:34,250
website and then put things on saying

135
00:05:32,120 --> 00:05:35,959
that they've never really meant to say

136
00:05:34,250 --> 00:05:37,579
something or that they were sorry or

137
00:05:35,959 --> 00:05:40,638
something like that I mean it's all you

138
00:05:37,579 --> 00:05:42,829
know it's a as I'm sure you know arguing

139
00:05:40,639 --> 00:05:45,410
with people like that can be a slightly

140
00:05:42,829 --> 00:05:48,918
sort of elliptical in a roundabout and

141
00:05:45,410 --> 00:05:50,890
cloudy process the thing that I found

142
00:05:48,918 --> 00:05:54,168
strangest about it was that then

143

00:05:50,889 --> 00:05:55,248
afterwards now as the managing director

144
00:05:54,168 --> 00:05:59,658
you describe

145
00:05:55,249 --> 00:06:00,889
self is sort of md amazingly and we sort

146
00:05:59,658 --> 00:06:03,738
of saying I don't really understand why

147
00:06:00,889 --> 00:06:05,119
everybody's so angry with us and he just

148
00:06:03,738 --> 00:06:07,638
sort of hold your head in your hands

149
00:06:05,119 --> 00:06:09,439
really anyway but you you actually found

150
00:06:07,639 --> 00:06:11,389
some of the information on her website

151
00:06:09,439 --> 00:06:13,489
had been copied verbatim from other

152
00:06:11,389 --> 00:06:16,158
websites didn't you including spelling

153
00:06:13,488 --> 00:06:18,888
mistakes which was yeah I forgot that

154
00:06:16,158 --> 00:06:20,209
yeah yeah yes there was one bit on it

155
00:06:18,889 --> 00:06:21,679
that was sort of quite sensible about

156
00:06:20,209 --> 00:06:24,319
the sort of relationship between

157
00:06:21,678 --> 00:06:25,399

depression and diabetes it's very

158

00:06:24,319 --> 00:06:27,919

interesting areas of the crossover

159

00:06:25,399 --> 00:06:30,709

between medical and psychiatric health

160

00:06:27,918 --> 00:06:33,498

it really stood out as being sort of

161

00:06:30,709 --> 00:06:36,769

less ridiculous than the rest of the

162

00:06:33,499 --> 00:06:38,389

site but that's because it was simply

163

00:06:36,769 --> 00:06:41,088

copied and pasted from something written

164

00:06:38,389 --> 00:06:42,799

by a proper pharmacist and then the

165

00:06:41,088 --> 00:06:44,238

thing which I sort of caught them out on

166

00:06:42,798 --> 00:06:46,038

that where they were making sort of

167

00:06:44,238 --> 00:06:48,978

saying funny things about cadmium or

168

00:06:46,038 --> 00:06:51,288

cadmium as they said had meaning and

169

00:06:48,978 --> 00:06:54,168

other heavy metals including things that

170

00:06:51,288 --> 00:06:55,988

weren't heavy metals that also was

171

00:06:54,168 --> 00:06:58,818

copied and pasted verbatim from

172
00:06:55,988 --> 00:07:00,048
elsewhere it's interesting it's

173
00:06:58,819 --> 00:07:02,299
interesting because it's just another

174
00:07:00,048 --> 00:07:03,649
example I guess of how some people in

175
00:07:02,298 --> 00:07:06,228
the pseudoscience industry present

176
00:07:03,649 --> 00:07:08,689
themselves as being quite society and

177
00:07:06,228 --> 00:07:13,068
academic and yet sort of break all of

178
00:07:08,689 --> 00:07:15,588
the most fundamental tenets of our world

179
00:07:13,069 --> 00:07:17,569
like you know not copying and pasting

180
00:07:15,588 --> 00:07:19,819
text verbatim from other people's work

181
00:07:17,569 --> 00:07:22,549
and having evidence for the things that

182
00:07:19,819 --> 00:07:23,658
you say are correct I mean I think

183
00:07:22,548 --> 00:07:25,248
people are a bit hysterical about

184
00:07:23,658 --> 00:07:27,918
plagiarism in general to be honest I

185
00:07:25,249 --> 00:07:30,169
glad I actively want people to steal my

186
00:07:27,918 --> 00:07:32,658
ideas as a campaigning journalist and

187
00:07:30,168 --> 00:07:35,808
little know if they don't sort of link

188
00:07:32,658 --> 00:07:37,129
back to me then I think slightly less of

189
00:07:35,809 --> 00:07:39,529
them I suppose very I don't you know

190
00:07:37,129 --> 00:07:41,838
it's not huge crime but this is this was

191
00:07:39,528 --> 00:07:44,889
different this was this was large

192
00:07:41,838 --> 00:07:47,569
amounts of text verbatim which is funny

193
00:07:44,889 --> 00:07:49,749
well on that subject been yesterday it

194
00:07:47,569 --> 00:07:52,069
was announced in the UK that the

195
00:07:49,749 --> 00:07:54,139
complementary and national health care

196
00:07:52,069 --> 00:07:56,239
council is going to start a volunteer

197
00:07:54,139 --> 00:07:58,728
register for alternative practitioners

198
00:07:56,238 --> 00:08:00,558
and the foot one of the first group of

199
00:07:58,728 --> 00:08:02,058
people to be able to join our the

200

00:08:00,559 --> 00:08:04,279
nutritionist and I know that they're one

201
00:08:02,059 --> 00:08:07,219
of your favorites but what's your

202
00:08:04,278 --> 00:08:08,478
opinion of this legislation well I mean

203
00:08:07,218 --> 00:08:09,110
I think it's important for us to want to

204
00:08:08,478 --> 00:08:10,969
be clear that I don't

205
00:08:09,110 --> 00:08:14,150
really care very much about alternative

206
00:08:10,970 --> 00:08:16,960
therapists I mean I think they're an

207
00:08:14,149 --> 00:08:19,189
interesting opportunity to talk about

208
00:08:16,959 --> 00:08:20,779
the basics of evidence-based medicine

209
00:08:19,189 --> 00:08:23,420
they were useful sort of gimmick to hang

210
00:08:20,779 --> 00:08:26,509
that on and they're also a very powerful

211
00:08:23,420 --> 00:08:29,000
and influential movement culturally and

212
00:08:26,509 --> 00:08:30,949
and and that has quite corrosive effects

213
00:08:29,000 --> 00:08:32,629
on the sort of you know the intellectual

214
00:08:30,949 --> 00:08:34,009

life of the nation but I don't think

215

00:08:32,629 --> 00:08:35,480

that I'm not bothered about them ripping

216

00:08:34,009 --> 00:08:37,340

people off I'm not bothered about them

217

00:08:35,480 --> 00:08:39,289

killing people any of that kind of stuff

218

00:08:37,340 --> 00:08:41,509

I mean I'm happy to see that as a kind

219

00:08:39,289 --> 00:08:43,189

of you know people being ripped off as a

220

00:08:41,509 --> 00:08:45,080

kind of voluntary self-administered tax

221

00:08:43,190 --> 00:08:48,350

on scientific ignorance and and and

222

00:08:45,080 --> 00:08:49,820

where people die or are harmed by their

223

00:08:48,350 --> 00:08:53,899

interactions with alternative therapists

224

00:08:49,820 --> 00:08:56,780

in almost every single case it's because

225

00:08:53,899 --> 00:08:58,340

you know it's not I don't think the

226

00:08:56,779 --> 00:09:00,889

exploitive victim model works very well

227

00:08:58,340 --> 00:09:02,330

for that interaction you know as we've

228

00:09:00,889 --> 00:09:04,069

now setting with Nolan I these aren't

229

00:09:02,330 --> 00:09:05,750

suicide these aren't accidents they're

230

00:09:04,070 --> 00:09:09,050

throwing themselves willingly into the

231

00:09:05,750 --> 00:09:11,360

roads you know I think people who choose

232

00:09:09,049 --> 00:09:13,309

to follow really bonkers advice from

233

00:09:11,360 --> 00:09:15,500

alternative therapists and give up all

234

00:09:13,309 --> 00:09:17,479

of their anti-cancer medication and die

235

00:09:15,500 --> 00:09:20,179

I think they have to take equal

236

00:09:17,480 --> 00:09:23,149

responsibility for that but what I do

237

00:09:20,179 --> 00:09:26,149

think is that the that alternative

238

00:09:23,149 --> 00:09:27,799

therapists are along with the media and

239

00:09:26,149 --> 00:09:29,209

the way that they must represent science

240

00:09:27,799 --> 00:09:30,709

they're kind of working together to

241

00:09:29,210 --> 00:09:32,420

really undermine the public's

242

00:09:30,710 --> 00:09:34,700

understanding of what it means for there

243
00:09:32,419 --> 00:09:36,559
to be an evidence base for a proposition

244
00:09:34,700 --> 00:09:38,180
not just through the individual

245
00:09:36,559 --> 00:09:39,769
instances where they misrepresent things

246
00:09:38,179 --> 00:09:42,199
but also you see very commonly in the

247
00:09:39,769 --> 00:09:44,750
meter in the UK and people from the

248
00:09:42,200 --> 00:09:47,240
worlds of homeopathy talking about how

249
00:09:44,750 --> 00:09:48,740
you know randomized trials don't really

250
00:09:47,240 --> 00:09:50,840
work or why there are sort of

251
00:09:48,740 --> 00:09:52,370
methodological problems with systematic

252
00:09:50,840 --> 00:09:53,960
reviews and meta-analyses and the

253
00:09:52,370 --> 00:09:56,539
criticism that make a completely bogus

254
00:09:53,960 --> 00:09:58,610
but they're dangerous because they're

255
00:09:56,539 --> 00:10:02,209
happening at a time in the in sort of

256
00:09:58,610 --> 00:10:03,950
the history of medical interaction when

257

00:10:02,210 --> 00:10:05,450
doctors more than ever are trying to

258
00:10:03,950 --> 00:10:07,100
work collaboratively with their patients

259
00:10:05,450 --> 00:10:08,720
to make decisions about what would be

260
00:10:07,100 --> 00:10:09,950
the best treatment and that's that's

261
00:10:08,720 --> 00:10:11,540
quite a new thing and it's a very

262
00:10:09,950 --> 00:10:13,879
important thing 30 years ago

263
00:10:11,539 --> 00:10:15,379
communication skills training at Medical

264
00:10:13,879 --> 00:10:16,460
School for doctors was about how not to

265
00:10:15,379 --> 00:10:18,379
tell your patient that they've got

266
00:10:16,460 --> 00:10:20,629
cancer now if you went to see a doctor

267
00:10:18,379 --> 00:10:21,950
to discuss and you know possible

268
00:10:20,629 --> 00:10:23,929
treatments for cancer

269
00:10:21,950 --> 00:10:25,759
they would talk through the options of

270
00:10:23,929 --> 00:10:27,379
chemotherapy radiotherapy different

271
00:10:25,759 --> 00:10:29,419

forms of surgery they'd explain what the

272

00:10:27,379 --> 00:10:31,580

evidence is for the merits and risks of

273

00:10:29,419 --> 00:10:35,299

each they'd they talk you through how we

274

00:10:31,580 --> 00:10:37,270

know what we know and I think for the

275

00:10:35,299 --> 00:10:41,000

media and for quacks to undermine that

276

00:10:37,269 --> 00:10:43,009

to me it is incredibly vicious and I

277

00:10:41,000 --> 00:10:44,330

think that's the greatest danger that's

278

00:10:43,009 --> 00:10:46,939

why I think nutritionists are

279

00:10:44,330 --> 00:10:48,500

particularly toxic because they are the

280

00:10:46,940 --> 00:10:50,770

alternative therapists who more than any

281

00:10:48,500 --> 00:10:53,360

other misrepresent themselves as being

282

00:10:50,769 --> 00:10:55,159

men and women of science they use the

283

00:10:53,360 --> 00:10:56,539

language of science and they they

284

00:10:55,159 --> 00:10:58,429

misrepresent evidence in a much more

285

00:10:56,539 --> 00:11:01,279

sophisticated way so they'll take for

286
00:10:58,429 --> 00:11:03,709
example studies of the behavior of cells

287
00:11:01,279 --> 00:11:05,750
in a dish on a lab bench and then claim

288
00:11:03,710 --> 00:11:07,100
on the back of that that certain

289
00:11:05,750 --> 00:11:08,990
vitamins will have an impact on a

290
00:11:07,100 --> 00:11:10,519
disease in a living person which is

291
00:11:08,990 --> 00:11:11,899
something that say patrick holford the

292
00:11:10,519 --> 00:11:13,909
founder of the Institute for optimum

293
00:11:11,899 --> 00:11:16,699
nutrition has done in the UK in his

294
00:11:13,909 --> 00:11:19,850
statement you know that I said T is less

295
00:11:16,700 --> 00:11:20,870
effective for AIDS than vitamin C and I

296
00:11:19,850 --> 00:11:22,550
think and that's why I think the

297
00:11:20,870 --> 00:11:24,980
nutritionists are particularly important

298
00:11:22,549 --> 00:11:26,389
and that's why i think it's a it's it's

299
00:11:24,980 --> 00:11:27,320
a double-edged sword this whole sort of

300
00:11:26,389 --> 00:11:29,840
regulation thing because i think

301
00:11:27,320 --> 00:11:31,520
regulation for alternative therapists

302
00:11:29,840 --> 00:11:34,190
will certainly be used by a lot of them

303
00:11:31,519 --> 00:11:35,840
to aggrandize themselves and they've

304
00:11:34,190 --> 00:11:37,640
certainly also i mean i don't know i

305
00:11:35,840 --> 00:11:38,990
don't know how it's going to play out in

306
00:11:37,639 --> 00:11:40,399
terms of you know who's on these

307
00:11:38,990 --> 00:11:43,070
different boards and sort of regulatory

308
00:11:40,399 --> 00:11:44,750
bodies but in the past their efforts to

309
00:11:43,070 --> 00:11:46,070
regulate themselves like for example the

310
00:11:44,750 --> 00:11:49,220
british association of nutritional

311
00:11:46,070 --> 00:11:50,629
therapists has been farcical we I mean

312
00:11:49,220 --> 00:11:52,190
they can't even make their minds up if

313
00:11:50,629 --> 00:11:54,799
they're a regulator or not they have a

314

00:11:52,190 --> 00:11:56,030
code of conduct that's secrets that they

315
00:11:54,799 --> 00:11:58,729
wouldn't give out to people when they

316
00:11:56,029 --> 00:12:01,939
ask today and they change their code of

317
00:11:58,730 --> 00:12:03,440
conduct in response to and approaches

318
00:12:01,940 --> 00:12:05,780
from industry they specifically change

319
00:12:03,440 --> 00:12:08,230
their code of conduct to allow of

320
00:12:05,779 --> 00:12:10,279
nutrition therapists to take yeah

321
00:12:08,230 --> 00:12:11,720
undisclosed cuts on the pills they

322
00:12:10,279 --> 00:12:14,149
prescribe to their patients and stuff

323
00:12:11,720 --> 00:12:15,740
like that so you know I don't know how

324
00:12:14,149 --> 00:12:17,750
it will play out on the specifics but

325
00:12:15,740 --> 00:12:20,330
the one thing we do know is that they're

326
00:12:17,750 --> 00:12:21,440
regulating sort of propriety which is

327
00:12:20,330 --> 00:12:24,560
important because there have been lots

328
00:12:21,440 --> 00:12:26,240

of cases in the UK of alternative

329

00:12:24,559 --> 00:12:28,750

therapists doing things like having sex

330

00:12:26,240 --> 00:12:31,009

with their patients which is just rice

331

00:12:28,750 --> 00:12:33,289

disgusting really I mean it beneath

332

00:12:31,009 --> 00:12:34,909

beneath contempt in a couple of cases it

333

00:12:33,289 --> 00:12:37,639

was specifically

334

00:12:34,909 --> 00:12:39,439

you know people had gone to see and an

335

00:12:37,639 --> 00:12:43,000

alternative therapists for a mental

336

00:12:39,440 --> 00:12:47,110

health problem you know and yeah and he

337

00:12:43,000 --> 00:12:49,940

and you just think I don't know I mean

338

00:12:47,110 --> 00:12:52,250

anyway whatever whatever that's in a pre

339

00:12:49,940 --> 00:12:54,080

it to the extreme that strikes me you've

340

00:12:52,250 --> 00:12:56,659

been profoundly inappropriate behavior

341

00:12:54,080 --> 00:12:58,700

yeah but anyway so they'll be regulating

342

00:12:56,659 --> 00:13:00,079

things like propriety and you know yeah

343
00:12:58,700 --> 00:13:02,420
I think there's something about sort of

344
00:13:00,080 --> 00:13:03,860
you know not telling patients to to

345
00:13:02,419 --> 00:13:05,240
throw away their medical drugs which is

346
00:13:03,860 --> 00:13:07,450
nice and everything but the one thing

347
00:13:05,240 --> 00:13:10,519
that they're not looking at is is

348
00:13:07,450 --> 00:13:12,350
efficacy which which kind of throws you

349
00:13:10,519 --> 00:13:14,360
into a slightly alice in wonderland

350
00:13:12,350 --> 00:13:15,860
scenario really because they'll you know

351
00:13:14,360 --> 00:13:18,289
I don't know there's a really funny

352
00:13:15,860 --> 00:13:20,240
website called The Daily mash which you

353
00:13:18,289 --> 00:13:22,699
might have seen I read the link that you

354
00:13:20,240 --> 00:13:25,250
yeah but you so that Lena that was

355
00:13:22,700 --> 00:13:28,790
hilarious complimentary therapists to be

356
00:13:25,250 --> 00:13:30,409
regulated by which doctor yeah and and I

357
00:13:28,789 --> 00:13:32,029
think that's pretty much how it is you

358
00:13:30,409 --> 00:13:33,469
know the witch doctor stress the

359
00:13:32,029 --> 00:13:35,059
therapist will be judged not on the

360
00:13:33,470 --> 00:13:37,550
effectiveness of their treatments but on

361
00:13:35,059 --> 00:13:38,959
the strength of their Mogambo there are

362
00:13:37,549 --> 00:13:40,519
many frauds and not everyone has a

363
00:13:38,960 --> 00:13:42,320
stronger connection to the serpent god

364
00:13:40,519 --> 00:13:44,059
damn baller as they like to make out and

365
00:13:42,320 --> 00:13:45,590
you know I think it's gonna I think it's

366
00:13:44,059 --> 00:13:46,879
gonna be a bit like that if he throws

367
00:13:45,590 --> 00:13:49,430
chicken bones on the floor of your

368
00:13:46,879 --> 00:13:50,600
surgery and or your own clinic and he

369
00:13:49,429 --> 00:13:52,039
comes back the following week and

370
00:13:50,600 --> 00:13:53,629
they're still there he'll see you for

371

00:13:52,039 --> 00:13:56,089
health and safety or something like that

372
00:13:53,629 --> 00:14:00,200
that was very funny out of your luxury I

373
00:13:56,090 --> 00:14:01,670
see nch me and they said that yeah all

374
00:14:00,200 --> 00:14:04,820
applicants will be judged on four key

375
00:14:01,669 --> 00:14:06,939
elements earth fire water and the age of

376
00:14:04,820 --> 00:14:09,500
the magazines in there waiting room

377
00:14:06,940 --> 00:14:11,870
anyway other girls just truly funnier

378
00:14:09,500 --> 00:14:14,360
than ours so last year you were actually

379
00:14:11,870 --> 00:14:17,210
sued been you and the Guardian was sued

380
00:14:14,360 --> 00:14:20,930
for libel by an HIV denier Matthias

381
00:14:17,210 --> 00:14:23,259
wrath yeah I did a few HIV denier I

382
00:14:20,929 --> 00:14:27,319
don't but he certainly says that his

383
00:14:23,259 --> 00:14:29,569
that his vitamin pills are you know an

384
00:14:27,320 --> 00:14:32,720
effective treatment for HIV and he he he

385
00:14:29,570 --> 00:14:35,330

was a he was a worrying figure because

386

00:14:32,720 --> 00:14:38,180

he went to South Africa and started

387

00:14:35,330 --> 00:14:41,000

taking out full page advert in national

388

00:14:38,179 --> 00:14:43,309

newspapers saying that and you know

389

00:14:41,000 --> 00:14:46,679

anti-aids drugs will kill you it's a

390

00:14:43,309 --> 00:14:48,689

conspiracy by the pharmaceutical cartel

391

00:14:46,679 --> 00:14:50,838

and the answer to the AIDS epidemic with

392

00:14:48,690 --> 00:14:55,170

is here and unsurprisingly that was

393

00:14:50,839 --> 00:14:57,870

vitamin pills and I perhaps

394

00:14:55,169 --> 00:14:59,250

unsurprisingly and I kind of pointed out

395

00:14:57,870 --> 00:15:02,220

that this was really seriously a

396

00:14:59,250 --> 00:15:05,820

responsible because South Africa is a

397

00:15:02,220 --> 00:15:08,459

country where and you know that yeah I

398

00:15:05,820 --> 00:15:09,990

don't know I mean AIDS is is just aids

399

00:15:08,458 --> 00:15:12,149

is nuts you know AIDS is like the

400
00:15:09,990 --> 00:15:13,950
opposite of anecdote it's it's the

401
00:15:12,149 --> 00:15:15,059
numbers involved is so big that it's

402
00:15:13,950 --> 00:15:17,430
actually quite hard to get your head

403
00:15:15,059 --> 00:15:19,889
round I think and I and I wonder if if

404
00:15:17,429 --> 00:15:23,099
that's why people sort of can allow

405
00:15:19,889 --> 00:15:26,458
themselves to to go down such sort of

406
00:15:23,100 --> 00:15:31,139
dodgy roads they're 25 million people

407
00:15:26,458 --> 00:15:33,139
have died so far from AIDS and three

408
00:15:31,139 --> 00:15:37,139
million of those were in the last year

409
00:15:33,139 --> 00:15:39,899
in South Africa alone I think it's three

410
00:15:37,139 --> 00:15:44,399
hundred thousand people every year which

411
00:15:39,899 --> 00:15:46,769
is 800 every day you know 6.3 million

412
00:15:44,399 --> 00:15:48,990
South Africans are HIV positive it's

413
00:15:46,769 --> 00:15:51,299
just nuts you know 1.2 million AIDS

414
00:15:48,990 --> 00:15:52,769
orphans in South Africa and it and it

415
00:15:51,299 --> 00:15:54,120
happened in the twinkling of an eye you

416
00:15:52,769 --> 00:15:56,250
know I mean in nineteen ninety-one

417
00:15:54,120 --> 00:15:58,409
percent of adults in South Africa are

418
00:15:56,250 --> 00:16:00,839
hiv-positive and now it's a quarter and

419
00:15:58,409 --> 00:16:03,149
so hang while we were watching you know

420
00:16:00,839 --> 00:16:05,520
and it happened under president thabo

421
00:16:03,149 --> 00:16:08,819
and Becky who is obviously an AIDS

422
00:16:05,519 --> 00:16:11,159
denialist with taba and Becky at various

423
00:16:08,820 --> 00:16:13,440
points has sort of said you know HIV

424
00:16:11,159 --> 00:16:14,909
isn't the cause of AIDS antiretroviral

425
00:16:13,440 --> 00:16:17,640
drugs aren't an effective treatment for

426
00:16:14,909 --> 00:16:19,949
AIDS as South African government refused

427
00:16:17,639 --> 00:16:22,949
free gifts of AIDS drugs to prevent

428

00:16:19,950 --> 00:16:25,350
maternal transmission they refused money

429
00:16:22,950 --> 00:16:26,700
to buy AIDS drugs with they refused to

430
00:16:25,350 --> 00:16:30,450
roll out antiretroviral treatment

431
00:16:26,700 --> 00:16:32,790
because they had this bonkers sort of

432
00:16:30,450 --> 00:16:34,890
fantastical pseudoscientific HIV

433
00:16:32,789 --> 00:16:37,319
denialist belief system going on and at

434
00:16:34,889 --> 00:16:39,539
the same time is Health Minister Manto's

435
00:16:37,320 --> 00:16:41,190
Chapel our land tamang presiding over a

436
00:16:39,539 --> 00:16:43,769
country where 300,000 people were dying

437
00:16:41,190 --> 00:16:46,050
about every year was going on television

438
00:16:43,769 --> 00:16:48,360
saying the african sweet potato and

439
00:16:46,049 --> 00:16:51,569
garlic were the most effective

440
00:16:48,360 --> 00:16:52,919
treatments for AIDS at the toronto world

441
00:16:51,570 --> 00:16:55,230
aids conference a couple of years ago

442
00:16:52,919 --> 00:16:57,240

the South African government stall was

443

00:16:55,230 --> 00:16:59,370

called the vegetable stall by other than

444

00:16:57,240 --> 00:17:01,799

other participants at the conference

445

00:16:59,370 --> 00:17:05,789

and it consisted of sweet african potato

446

00:17:01,799 --> 00:17:08,308

garlic a couple of other fruit bits of

447

00:17:05,789 --> 00:17:09,659

fruit veg and they didn't have any age

448

00:17:08,308 --> 00:17:10,920

drugs there at all and then somebody

449

00:17:09,660 --> 00:17:12,360

sort of mentioned that this was

450

00:17:10,920 --> 00:17:14,100

embarrassing and they borrowed some off

451

00:17:12,359 --> 00:17:17,490

another delicate and just sort of put in

452

00:17:14,099 --> 00:17:20,219

table and he's so bizarre and somebody

453

00:17:17,490 --> 00:17:23,099

somebody asked manto on this sort of on

454

00:17:20,220 --> 00:17:24,299

television and she said what when

455

00:17:23,099 --> 00:17:26,129

somebody tells me that they've got

456

00:17:24,299 --> 00:17:27,899

better on sweet african potato am I

457
00:17:26,130 --> 00:17:30,540
supposed to not believe them should I go

458
00:17:27,900 --> 00:17:32,519
and do science on them and so you know

459
00:17:30,539 --> 00:17:34,139
this was pretty far our staff and it's

460
00:17:32,519 --> 00:17:36,480
the kind of far-out nonsense that you're

461
00:17:34,140 --> 00:17:38,370
used to reading on you know in kind of

462
00:17:36,480 --> 00:17:40,529
bonkers alternative therapy magazines

463
00:17:38,369 --> 00:17:42,329
and stuff yeah but South Africa was a

464
00:17:40,529 --> 00:17:45,079
country in which this level of

465
00:17:42,329 --> 00:17:47,308
foolishness was was not just sort of

466
00:17:45,079 --> 00:17:48,720
institutionalized it was acted on you

467
00:17:47,308 --> 00:17:51,660
know they didn't roll out proper

468
00:17:48,720 --> 00:17:54,600
antiretroviral treatment Mathias wrath

469
00:17:51,660 --> 00:17:55,800
who is a Western vitamin pill salesman I

470
00:17:54,599 --> 00:17:57,928
mean that's a really important thing to

471
00:17:55,799 --> 00:18:00,359
understand is that he is he is made in

472
00:17:57,929 --> 00:18:02,100
Europe he is one of ours you know he we

473
00:18:00,359 --> 00:18:04,319
take full responsibility for this man

474
00:18:02,099 --> 00:18:06,539
you know he was German he built up his

475
00:18:04,319 --> 00:18:09,480
vitamin pill Empire there then he went

476
00:18:06,539 --> 00:18:11,970
to America you know and and he used all

477
00:18:09,480 --> 00:18:13,829
of the exact same sort of distortions of

478
00:18:11,970 --> 00:18:16,470
evidence that the other nutritionists

479
00:18:13,829 --> 00:18:20,629
that were familiar with use but then he

480
00:18:16,470 --> 00:18:24,750
went to South Africa and he did sort of

481
00:18:20,630 --> 00:18:25,890
trials of his ideas in khayelitsha

482
00:18:24,750 --> 00:18:30,240
province which were subsequently

483
00:18:25,890 --> 00:18:32,070
declared illegal and and he took out

484
00:18:30,240 --> 00:18:34,799
these full page adverts and he ran

485

00:18:32,069 --> 00:18:38,428
clinics and you know it's all tragic and

486
00:18:34,799 --> 00:18:40,558
his right-hand man Anthony brung it's a

487
00:18:38,429 --> 00:18:42,870
boasts that he introduced thabo mbeki

488
00:18:40,558 --> 00:18:46,109
too many of the central tenets of HIV

489
00:18:42,869 --> 00:18:48,659
denialism and so take a bow and he brung

490
00:18:46,109 --> 00:18:51,750
Anthony brung is actually so far out

491
00:18:48,660 --> 00:18:54,269
that he is hateful on fruit cake right

492
00:18:51,750 --> 00:18:56,910
that you refer to in your book well i

493
00:18:54,269 --> 00:18:59,250
mean there's a guy so the only two

494
00:18:56,910 --> 00:19:01,830
people campaigning against this lunacy

495
00:18:59,250 --> 00:19:03,660
in south africa we're an organization

496
00:19:01,829 --> 00:19:09,178
called tack the treatment action

497
00:19:03,660 --> 00:19:11,340
campaign and now tak a run by a guy

498
00:19:09,179 --> 00:19:13,230
called Zaki h map but i mean you know

499
00:19:11,339 --> 00:19:14,789

they're a grassroots organization 98

500

00:19:13,230 --> 00:19:16,048

sent black women from townships and

501

00:19:14,789 --> 00:19:17,490

they're amazing and if anybody ever

502

00:19:16,048 --> 00:19:21,269

wanted to give anyone money they should

503

00:19:17,490 --> 00:19:23,460

give it to tak they run a battle really

504

00:19:21,269 --> 00:19:25,410

on kind of forefront there and they're

505

00:19:23,460 --> 00:19:27,179

fighting against the stupidity of their

506

00:19:25,410 --> 00:19:29,070

own government who refused to roll out

507

00:19:27,179 --> 00:19:33,360

antiretroviral treatment they're

508

00:19:29,069 --> 00:19:35,639

fighting against the pharmacy school

509

00:19:33,359 --> 00:19:38,250

corporations who refuse to give drugs

510

00:19:35,640 --> 00:19:40,200

off copyright you know at cheap

511

00:19:38,250 --> 00:19:42,569

discounted rates to developing countries

512

00:19:40,200 --> 00:19:44,009

to treat AIDS because they say they need

513

00:19:42,569 --> 00:19:45,689

the full price in order to fund research

514
00:19:44,009 --> 00:19:48,509
and development which is blatantly

515
00:19:45,690 --> 00:19:49,950
bollocks I mean you know the global

516
00:19:48,509 --> 00:19:51,779
takings of the pharmaceutical industry

517
00:19:49,950 --> 00:19:54,150
is about five or six hundred billion

518
00:19:51,779 --> 00:19:58,109
dollars a year and of that they spend

519
00:19:54,150 --> 00:20:00,600
twice as much on on promotion and

520
00:19:58,109 --> 00:20:01,889
advertising as they do on research and

521
00:20:00,599 --> 00:20:03,779
development it's about thirty four

522
00:20:01,890 --> 00:20:06,809
percent against seventeen percent so

523
00:20:03,779 --> 00:20:08,460
that's clearly they don't need to

524
00:20:06,808 --> 00:20:10,048
get full price to people in developing

525
00:20:08,460 --> 00:20:11,940
world countries for their AIDS drugs and

526
00:20:10,048 --> 00:20:13,440
then so they're fighting against them

527
00:20:11,940 --> 00:20:15,600
and sort of trying to force their own

528
00:20:13,440 --> 00:20:17,279
country to use the Doha declaration to

529
00:20:15,599 --> 00:20:19,529
get discounts on drugs and that sort of

530
00:20:17,279 --> 00:20:20,940
thing then they're fighting against

531
00:20:19,529 --> 00:20:22,798
ignorance in their own country and

532
00:20:20,940 --> 00:20:24,090
running treatment literacy groups and

533
00:20:22,798 --> 00:20:26,129
all that kind of really sort of right on

534
00:20:24,089 --> 00:20:27,599
grassroots stuff and finally they're

535
00:20:26,130 --> 00:20:30,330
fighting against people like Mateus

536
00:20:27,599 --> 00:20:31,379
wrath and Matthias raft didn't like the

537
00:20:30,329 --> 00:20:32,668
fact they were fighting against I mean

538
00:20:31,380 --> 00:20:34,559
neither did Anthony brung who's no

539
00:20:32,669 --> 00:20:38,880
longer Mathias Russ right-hand man

540
00:20:34,558 --> 00:20:40,048
Antony brung made this bizarre I suppose

541
00:20:38,880 --> 00:20:41,960
that this might have been what you refer

542

00:20:40,048 --> 00:20:46,529
to you as he broke my this bizarre

543
00:20:41,960 --> 00:20:48,600
allegation a bizarre and so eat it's

544
00:20:46,529 --> 00:20:50,039
hard to get your head around quiet how

545
00:20:48,599 --> 00:20:51,449
well-connected and seeing you these

546
00:20:50,039 --> 00:20:54,089
people are you know this is a country

547
00:20:51,450 --> 00:20:56,548
where ridiculous ideas go to the top of

548
00:20:54,089 --> 00:20:58,500
government and Anthony brung isn't just

549
00:20:56,548 --> 00:21:00,599
some random joe anthony bronc is a

550
00:20:58,500 --> 00:21:03,839
barrister and you know he's an

551
00:21:00,599 --> 00:21:06,689
influential chat and he made a like a

552
00:21:03,839 --> 00:21:08,548
formal arraignment complaint ii thing to

553
00:21:06,690 --> 00:21:12,269
the international criminal court at the

554
00:21:08,548 --> 00:21:13,798
hague at that exact eh matt the head of

555
00:21:12,269 --> 00:21:15,599
the treatment action campaign and this

556
00:21:13,798 --> 00:21:18,480

was reported as a serious news story in

557

00:21:15,599 --> 00:21:20,548

the in the south african news media and

558

00:21:18,480 --> 00:21:21,779

in some parts of the Western gay press

559

00:21:20,548 --> 00:21:24,240

actually and I don't think any of those

560

00:21:21,779 --> 00:21:26,210

people can have read through to the end

561

00:21:24,240 --> 00:21:28,250

of the document i can probably and

562

00:21:26,210 --> 00:21:30,500

if I mock about him probably bring up

563

00:21:28,250 --> 00:21:33,019

here actually and tell you the the

564

00:21:30,500 --> 00:21:36,049

finale really is quite spectacular heaps

565

00:21:33,019 --> 00:21:39,769

of their 68 pages where he goes through

566

00:21:36,049 --> 00:21:41,899

all of the things which and you know

567

00:21:39,769 --> 00:21:44,930

sort of a bear are you yeah cuz not

568

00:21:41,900 --> 00:21:46,640

since you say films in your book been

569

00:21:44,930 --> 00:21:48,190

you say that most people wouldn't most

570

00:21:46,640 --> 00:21:51,680

journalists didn't get to that page

571
00:21:48,190 --> 00:21:53,299
where you know piece of really full-on

572
00:21:51,680 --> 00:21:55,970
fruitcake as you described it in bad

573
00:21:53,299 --> 00:21:58,250
science let me read you what he said so

574
00:21:55,970 --> 00:21:59,509
so Zach eh Matt just for background

575
00:21:58,250 --> 00:22:00,980
right Zach yes Matt who runs the

576
00:21:59,509 --> 00:22:03,710
treatment action campaign closest thing

577
00:22:00,980 --> 00:22:05,420
I've got to a hero and burned down his

578
00:22:03,710 --> 00:22:08,870
own school at the age of 12 and you

579
00:22:05,420 --> 00:22:12,110
would have been him colored chap by the

580
00:22:08,869 --> 00:22:15,529
by the sort of nomenclature of the South

581
00:22:12,109 --> 00:22:18,319
African apartheid system at the time he

582
00:22:15,529 --> 00:22:21,289
was arrested under that regime and and

583
00:22:18,319 --> 00:22:23,689
that brutal and violent regime with

584
00:22:21,289 --> 00:22:27,710
everything that that entails you know

585
00:22:23,690 --> 00:22:29,690
he's also gay he's also HIV positive he

586
00:22:27,710 --> 00:22:31,940
also developed full-blown AIDS refused

587
00:22:29,690 --> 00:22:34,070
to take antiretroviral drugs even though

588
00:22:31,940 --> 00:22:35,930
Nelson Mandela personally begged him

589
00:22:34,069 --> 00:22:38,869
because he said that he wouldn't take

590
00:22:35,930 --> 00:22:42,259
him until they were available more

591
00:22:38,869 --> 00:22:45,379
widely within the country so he's just

592
00:22:42,259 --> 00:22:47,150
about alive now and this is what Anthony

593
00:22:45,380 --> 00:22:49,190
brung wrote was an appropriate

594
00:22:47,150 --> 00:22:51,380
punishment for him this is I'm reading

595
00:22:49,190 --> 00:22:53,690
from the document that Anthony Brunson

596
00:22:51,380 --> 00:22:55,370
in view of the scale and gravity of H

597
00:22:53,690 --> 00:22:57,049
max crime and his direct personal

598
00:22:55,369 --> 00:22:59,119
criminal culpability for the deaths of

599

00:22:57,049 --> 00:23:00,379
thousands of people it is respectfully

600
00:22:59,119 --> 00:23:01,669
submitted that the international

601
00:23:00,380 --> 00:23:03,290
criminal court ought to impose on him

602
00:23:01,670 --> 00:23:05,360
her sentence provided the world around

603
00:23:03,289 --> 00:23:07,430
statute blah blah blah namely to

604
00:23:05,359 --> 00:23:09,649
permanent confinement in a small white

605
00:23:07,430 --> 00:23:11,570
steel and concrete cage bright

606
00:23:09,650 --> 00:23:13,519
fluorescent light on all the time to

607
00:23:11,569 --> 00:23:15,169
keep an eye on him he's waters putting

608
00:23:13,519 --> 00:23:17,450
him out only to work every day in the

609
00:23:15,170 --> 00:23:20,200
prison garden to cultivate nutrient-rich

610
00:23:17,450 --> 00:23:22,819
vegetables including when it's raining

611
00:23:20,200 --> 00:23:25,130
in order for him to repay his debt to

612
00:23:22,819 --> 00:23:26,869
society with the ARVs he claimed the

613
00:23:25,130 --> 00:23:28,670

antiretroviral drugs he claims to take

614

00:23:26,869 --> 00:23:30,439

administered daily under close medical

615

00:23:28,670 --> 00:23:31,700

watch at the full prescribed dose

616

00:23:30,440 --> 00:23:33,680

morning noon and night without

617

00:23:31,700 --> 00:23:35,779

interruption to prevent him faking that

618

00:23:33,680 --> 00:23:38,299

he's being treatment compliant pushed if

619

00:23:35,779 --> 00:23:39,769

necessary down his forced open gullet

620

00:23:38,299 --> 00:23:42,109

you know the finger

621

00:23:39,769 --> 00:23:44,420

if he bites kicks and screams too much

622

00:23:42,109 --> 00:23:46,969

dripped into his arm after he's been

623

00:23:44,420 --> 00:23:49,640

restrained on a gurney with cable ties

624

00:23:46,970 --> 00:23:52,160

around his ankles wrists and neck until

625

00:23:49,640 --> 00:23:54,370

he gives up the ghost on them so as to

626

00:23:52,160 --> 00:23:56,600

eradicate this foul list most loathsome

627

00:23:54,369 --> 00:23:59,239

unscrupulous and malevolent blight on

628
00:23:56,599 --> 00:24:02,299
the human race now what I find it

629
00:23:59,240 --> 00:24:04,579
straordinario about that apart from the

630
00:24:02,299 --> 00:24:06,230
fact that is pretty vile well it's it's

631
00:24:04,579 --> 00:24:07,699
incredibly violent when I read it in

632
00:24:06,230 --> 00:24:09,380
your book I was really shocked that

633
00:24:07,700 --> 00:24:11,960
there that had actually been missed by

634
00:24:09,380 --> 00:24:15,290
the media for a start but it's it's

635
00:24:11,960 --> 00:24:17,840
incredibly it's always despicable really

636
00:24:15,289 --> 00:24:20,059
it is especially for somebody with a

637
00:24:17,839 --> 00:24:22,309
history like Zaki what I find more

638
00:24:20,059 --> 00:24:24,200
interesting about it is that you know

639
00:24:22,309 --> 00:24:26,240
doctors criticize other doctors and

640
00:24:24,200 --> 00:24:28,430
academics criticize other academics

641
00:24:26,240 --> 00:24:30,230
that's that's what we do for a living

642
00:24:28,430 --> 00:24:32,150
you know that's you know I mean I'm sure

643
00:24:30,230 --> 00:24:33,380
you will have been to conferences where

644
00:24:32,150 --> 00:24:34,970
you know at the end of somebody

645
00:24:33,380 --> 00:24:36,620
presenting their paper somebody sort of

646
00:24:34,970 --> 00:24:38,240
asked it's devastating question and you

647
00:24:36,619 --> 00:24:39,799
know this harsh but you know that but

648
00:24:38,240 --> 00:24:42,109
you know that's how it is you know

649
00:24:39,799 --> 00:24:44,750
that's how science moves forward that

650
00:24:42,109 --> 00:24:46,819
excelling we learn and and you know

651
00:24:44,750 --> 00:24:50,000
politicians criticize other politicians

652
00:24:46,819 --> 00:24:52,970
but you know Matthias wrath and Anthony

653
00:24:50,000 --> 00:24:55,730
brung is one time right hand man they

654
00:24:52,970 --> 00:25:00,470
are leaders in the field of alternative

655
00:24:55,730 --> 00:25:04,370
therapy and not one single person from

656

00:25:00,470 --> 00:25:06,860
that community has seen fit despite

657
00:25:04,369 --> 00:25:09,289
everything that we've discussed not one

658
00:25:06,859 --> 00:25:11,389
single person from that alternative

659
00:25:09,289 --> 00:25:15,049
therapy in nutrition therapist community

660
00:25:11,390 --> 00:25:17,720
worldwide has had the decency or the

661
00:25:15,049 --> 00:25:20,839
balls to stand up and say something

662
00:25:17,720 --> 00:25:24,079
about these activities in South Africa

663
00:25:20,839 --> 00:25:26,569
and that to me to be honest is is really

664
00:25:24,079 --> 00:25:28,399
very very seriously beneath contempt

665
00:25:26,569 --> 00:25:30,859
because there are bad things happening

666
00:25:28,400 --> 00:25:32,870
in medicine and academia but people talk

667
00:25:30,859 --> 00:25:35,389
about them people criticize them you

668
00:25:32,869 --> 00:25:37,479
know and in in the world of alternative

669
00:25:35,390 --> 00:25:40,670
therapies you can be as far out as

670
00:25:37,480 --> 00:25:42,798

Matthias wrath mentally brung and nobody

671

00:25:40,670 --> 00:25:47,038
will say a word

672

00:25:42,798 --> 00:25:50,068
and so ends part 1 of our interview with

673

00:25:47,038 --> 00:25:52,138
dr. ben goldacre join us next time when

674

00:25:50,068 --> 00:25:53,938
ben reveals all the details about the

675

00:25:52,138 --> 00:25:55,769
outcome of the libel case brought

676

00:25:53,939 --> 00:25:58,889
against himself and the guardian by

677

00:25:55,769 --> 00:26:00,778
matthias wrath and also why his critics

678

00:25:58,888 --> 00:26:03,208
can't pin the big pharma stooge on him

679

00:26:00,778 --> 00:26:14,848
but not for lack of trying see you in a

680

00:26:03,209 --> 00:26:16,828
fortnight's owners hi phil plait from

681

00:26:14,848 --> 00:26:19,138
Bad Astronomy calm and the James Randi

682

00:26:16,828 --> 00:26:20,788
Educational Foundation here if you want

683

00:26:19,138 --> 00:26:23,398
to get an American take on things like

684

00:26:20,788 --> 00:26:25,499
moon hoaxers astrology chiropractors

685
00:26:23,398 --> 00:26:27,328
creationists anti-vaxxers global warming

686
00:26:25,499 --> 00:26:29,219
denialists homeopath psychics UFO

687
00:26:27,328 --> 00:26:33,028
believers and doom Criers of any flavor

688
00:26:29,219 --> 00:26:36,179
then go to bad astronomy calm Randy org

689
00:26:33,028 --> 00:26:38,159
or skeptic blog org and there you'll be

690
00:26:36,179 --> 00:26:39,959
able to read me ranting railing frothing

691
00:26:38,159 --> 00:26:42,449
and foaming about hoaxes nonsense

692
00:26:39,959 --> 00:26:46,849
pseudoscience anti science and anyone

693
00:26:42,449 --> 00:26:46,849
who spins folds or mutilates reality

694
00:26:55,700 --> 00:27:00,180
well here we are beautiful coogee beach

695
00:26:58,200 --> 00:27:03,480
here in Sydney and I'm here with dr.

696
00:27:00,180 --> 00:27:06,810
Steve Roberts hi Steve hi and dr. Rachel

697
00:27:03,480 --> 00:27:08,640
don't love pirates it and we are sort of

698
00:27:06,809 --> 00:27:11,940
on the promenade here at the beach

699

00:27:08,640 --> 00:27:15,180

looking across the sand up to a hill

700

00:27:11,940 --> 00:27:17,430

where is the famous holy post behold the

701

00:27:15,180 --> 00:27:20,039

Holy post well there's not much to

702

00:27:17,430 --> 00:27:22,019

behold at the moment because this posted

703

00:27:20,039 --> 00:27:26,339

at certain times of the day a few years

704

00:27:22,019 --> 00:27:28,319

ago would cast a shadow and the post in

705

00:27:26,339 --> 00:27:30,089

the distance and the shadow or combined

706

00:27:28,319 --> 00:27:33,299

it sort of made a figure that look sort

707

00:27:30,089 --> 00:27:35,220

of vaguely like a human and you know in

708

00:27:33,299 --> 00:27:37,259

a robe or something like that of course

709

00:27:35,220 --> 00:27:40,589

some local took it to mean it was the

710

00:27:37,259 --> 00:27:43,529

mother Mary yeah but can I just

711

00:27:40,589 --> 00:27:46,409

emphasize which it is a fence post okay

712

00:27:43,529 --> 00:27:50,339

when you say the Holy post it is part of

713

00:27:46,410 --> 00:27:52,650
a fence like a figure bent over in love

714
00:27:50,339 --> 00:27:55,259
in prayer or in supplication but it just

715
00:27:52,650 --> 00:27:56,820
well as what it is yeah yeah I was more

716
00:27:55,259 --> 00:28:00,089
like Mary Magdalene of the Virgin Mary

717
00:27:56,819 --> 00:28:01,829
actually that's because Micah posts than

718
00:28:00,089 --> 00:28:04,829
anything I well this was like a person

719
00:28:01,829 --> 00:28:06,599
somebody some nut came along at some

720
00:28:04,829 --> 00:28:08,369
stage and wrecked it and when the

721
00:28:06,599 --> 00:28:10,409
council put the post and the fence back

722
00:28:08,369 --> 00:28:11,969
together the illusion was gone because

723
00:28:10,410 --> 00:28:15,240
it was just one of those things whether

724
00:28:11,970 --> 00:28:17,430
it was just an right aspect than all the

725
00:28:15,240 --> 00:28:19,259
rest of it but it attracted thousands

726
00:28:17,430 --> 00:28:21,900
and thousands of people pilgrims came

727
00:28:19,259 --> 00:28:26,450

from everywhere there were queues and

728

00:28:21,900 --> 00:28:28,769

kids of people here it was in 2003 Oh

729

00:28:26,450 --> 00:28:31,019

about then I think you yeah it was a

730

00:28:28,769 --> 00:28:32,819

while ago but I know that the locals

731

00:28:31,019 --> 00:28:35,220

became very fed up because the place was

732

00:28:32,819 --> 00:28:37,230

just flooded with them pilgrims standing

733

00:28:35,220 --> 00:28:40,500

around looking at this fence anyway

734

00:28:37,230 --> 00:28:42,779

we're about a good 50 or 60 metres away

735

00:28:40,500 --> 00:28:44,670

from it at the moment maybe 100 meters

736

00:28:42,779 --> 00:28:49,009

so we'll wander up and have a close look

737

00:28:44,670 --> 00:28:49,009

to see what is left of the Holy post

738

00:28:50,269 --> 00:28:57,289

we've now come up to the little clip

739

00:28:54,089 --> 00:28:59,549

area above coogee beach you're beautiful

740

00:28:57,289 --> 00:29:01,500

crystal-clear water though right so day

741

00:28:59,549 --> 00:29:02,819

it's beautiful it you can see all the

742
00:29:01,500 --> 00:29:03,788
way to the bottom it's absolutely

743
00:29:02,819 --> 00:29:05,918
gorgeous

744
00:29:03,788 --> 00:29:08,349
and we've come along here we're

745
00:29:05,919 --> 00:29:13,028
following the fence alone the fence line

746
00:29:08,349 --> 00:29:14,378
along and here we are a very spot now

747
00:29:13,028 --> 00:29:17,710
what do we have here with a little

748
00:29:14,378 --> 00:29:20,199
garden full of flowers we've got some

749
00:29:17,710 --> 00:29:24,788
old clippings from newspapers dating

750
00:29:20,200 --> 00:29:28,778
back to whenever it was three two

751
00:29:24,788 --> 00:29:30,970
thousand or 31st manifestations in the

752
00:29:28,778 --> 00:29:34,960
clouds over the Philippines and so on a

753
00:29:30,970 --> 00:29:37,298
picture of God presumably there some old

754
00:29:34,960 --> 00:29:40,869
bloke with a beard a little it's a

755
00:29:37,298 --> 00:29:43,298
little blue plastic container screwed

756
00:29:40,868 --> 00:29:47,199
onto the side of the fence it says holy

757
00:29:43,298 --> 00:29:51,249
water yes and something here it says six

758
00:29:47,200 --> 00:29:53,889
year anniversary from apparition Mary

759
00:29:51,249 --> 00:29:57,038
Queen of Heaven and Earth and then feast

760
00:29:53,888 --> 00:29:59,108
and usually soft a fair we missed it we

761
00:29:57,038 --> 00:30:01,839
missed the feast damn it was a whole

762
00:29:59,108 --> 00:30:04,648
feast there are little flowers is little

763
00:30:01,839 --> 00:30:07,118
stuff and look a Christmas stuff tree

764
00:30:04,648 --> 00:30:09,819
ornament here attached to the fence or a

765
00:30:07,118 --> 00:30:14,069
small paper very small fence and little

766
00:30:09,819 --> 00:30:18,460
late postcards of various religious I

767
00:30:14,069 --> 00:30:20,408
take it that's Mary or somebody little

768
00:30:18,460 --> 00:30:26,288
children pray and seek the will of God

769
00:30:20,409 --> 00:30:28,929
in your life yeah lots of little cards

770

00:30:26,288 --> 00:30:31,239
it's like some sort of there's Jesus on

771
00:30:28,929 --> 00:30:34,629
a card with these heart pointing and

772
00:30:31,239 --> 00:30:36,190
he's part merciful Jesus it says and all

773
00:30:34,628 --> 00:30:38,738
the rest of them essentially each other

774
00:30:36,190 --> 00:30:40,450
to try it now isn't it desert so it's a

775
00:30:38,739 --> 00:30:42,940
small shrine someone's planted a little

776
00:30:40,450 --> 00:30:44,710
garden here and we've got a lantern with

777
00:30:42,940 --> 00:30:46,570
a tealight candle in it that I guess

778
00:30:44,710 --> 00:30:48,278
someone comes in lights occasionally you

779
00:30:46,569 --> 00:30:49,868
I do love the holy water container

780
00:30:48,278 --> 00:30:54,868
because someone's written holy water in

781
00:30:49,868 --> 00:30:54,868
liquid paper or white out on the front

782
00:30:54,880 --> 00:30:59,330
really it's a nice seems too well for

783
00:30:57,859 --> 00:31:01,549
the Virgin Mary to look out of suppose

784
00:30:59,329 --> 00:31:02,720

here I remember that one of the comments

785

00:31:01,549 --> 00:31:05,930

at the time when they were interviewing

786

00:31:02,720 --> 00:31:08,779

some women on older women here he said I

787

00:31:05,930 --> 00:31:10,340

yes darling the mother marries come to

788

00:31:08,779 --> 00:31:14,558

appear here to tell the women to cover

789

00:31:10,339 --> 00:31:17,419

up their their best yeah I'm serious

790

00:31:14,558 --> 00:31:20,359

this is a list of the shadow of a fence

791

00:31:17,420 --> 00:31:21,710

post yeah there's a picture of what we

792

00:31:20,359 --> 00:31:24,109

were looking at before but in its heyday

793

00:31:21,710 --> 00:31:26,990

Steve yeah you can clearly see well

794

00:31:24,109 --> 00:31:30,319

that's that's the effect the area their

795

00:31:26,990 --> 00:31:32,150

shadows make the EM that's a very bad

796

00:31:30,319 --> 00:31:35,178

illusion i must say look we'll put a bit

797

00:31:32,150 --> 00:31:39,009

some pictures up on flickr folks you go

798

00:31:35,179 --> 00:31:41,390

to ww skeptic zone TV and click our

799

00:31:39,009 --> 00:31:44,089

photographs link there are some bushes

800

00:31:41,390 --> 00:31:45,740

behind as a teenage here in fact i'm up

801

00:31:44,089 --> 00:31:48,319

and it will be a bit of a hoot would be

802

00:31:45,740 --> 00:31:50,630

less in white robes and here at the most

803

00:31:48,319 --> 00:31:52,879

taste as possible time Rachel's taking a

804

00:31:50,630 --> 00:31:55,820

photograph but now rusty but as we talk

805

00:31:52,880 --> 00:31:57,440

look out so swimming toxin if you want

806

00:31:55,819 --> 00:31:58,939

one to know how we do these recordings

807

00:31:57,440 --> 00:32:03,289

you can look at our pick a site and

808

00:31:58,940 --> 00:32:05,029

she's taking it right now gosh and we're

809

00:32:03,289 --> 00:32:08,329

the shade of you over the Hans did it

810

00:32:05,029 --> 00:32:11,569

work oh it worked all right well from

811

00:32:08,329 --> 00:32:13,449

beautiful coogee beach where we can't

812

00:32:11,569 --> 00:32:17,389

see in the apparitions at the moment

813
00:32:13,450 --> 00:32:19,730
this is a Richard Saunders dr. Rachel

814
00:32:17,390 --> 00:32:23,950
thanks Richard and dr. Steve Roberts

815
00:32:19,730 --> 00:32:23,950
will farewell goodbye goodbye

816
00:32:24,319 --> 00:32:38,460
signing off from the Holy post yeah hi

817
00:32:36,180 --> 00:32:41,370
I'm Theo Clark host and producer the

818
00:32:38,460 --> 00:32:43,529
podcast hunting humbug 101 each week I'm

819
00:32:41,369 --> 00:32:45,359
joined by my father Jeff Clark and we

820
00:32:43,529 --> 00:32:47,430
discuss a particular logical fallacy

821
00:32:45,359 --> 00:32:48,959
with real-life examples of fallacies

822
00:32:47,430 --> 00:32:51,330
from pseudo science science

823
00:32:48,960 --> 00:32:54,720
misconceptions politics philosophy and

824
00:32:51,329 --> 00:32:57,449
the media hacking humbug 101 is a

825
00:32:54,720 --> 00:32:59,220
companion podcast to our book humbug the

826
00:32:57,450 --> 00:33:01,440
skeptics field guide to spotting

827

00:32:59,220 --> 00:33:04,110
fallacies in thinking you can download

828
00:33:01,440 --> 00:33:06,150
them and subscribe to our podcast obtain

829
00:33:04,109 --> 00:33:08,399
a free copy of the ebook version of our

830
00:33:06,150 --> 00:33:10,620
book humbug and see many more real

831
00:33:08,400 --> 00:33:16,700
examples of fallacious reasoning at our

832
00:33:10,619 --> 00:33:21,679
website wwc upticks field guard dot net

833
00:33:16,700 --> 00:33:21,680
now let's all get back to enjoy the zone

834
00:33:33,440 --> 00:33:38,279
peterb outage otherwise known as red

835
00:33:36,089 --> 00:33:41,339
bags is the current New South Wales

836
00:33:38,279 --> 00:33:44,819
president of Australian skeptics he is a

837
00:33:41,339 --> 00:33:47,789
long time crusader against quackery and

838
00:33:44,819 --> 00:33:49,859
about a year ago I went to his place sat

839
00:33:47,789 --> 00:33:51,808
in his backyard and recorded this

840
00:33:49,859 --> 00:33:56,000
interview now if you want to see this

841
00:33:51,808 --> 00:34:00,058

interview you can go to ww tank vodcast

842

00:33:56,000 --> 00:34:04,079

wordpress com or you could go to youtube

843

00:34:00,058 --> 00:34:07,289

and type in reits up our I EDSA and

844

00:34:04,079 --> 00:34:13,769

you'll find the interview but let's go

845

00:34:07,289 --> 00:34:16,289

now to the backyard of rat bags well i'm

846

00:34:13,769 --> 00:34:20,519

here with peter bowditch and cody the

847

00:34:16,289 --> 00:34:22,289

dog hello and and and Thank You Cody and

848

00:34:20,519 --> 00:34:24,210

another dog Oh Peter what can you tell

849

00:34:22,289 --> 00:34:27,239

me about this dog here well this dog

850

00:34:24,210 --> 00:34:28,918

this is an acupuncture model dog and it

851

00:34:27,239 --> 00:34:31,259

has honored all the poor acupuncture

852

00:34:28,918 --> 00:34:32,309

points for treating dog illnesses it's

853

00:34:31,260 --> 00:34:34,379

like for those people listening it's

854

00:34:32,309 --> 00:34:36,210

like a little plastic model half of

855

00:34:34,378 --> 00:34:38,460

which looks like a real dog and if you

856
00:34:36,210 --> 00:34:40,108
turn it around it's the insights but the

857
00:34:38,460 --> 00:34:42,000
insides of the dog it's like one of

858
00:34:40,108 --> 00:34:44,759
those models you might see in a doctor

859
00:34:42,000 --> 00:34:46,829
surgery that's right yes and it has mark

860
00:34:44,760 --> 00:34:48,540
on it fear is echo puncture point which

861
00:34:46,829 --> 00:34:50,579
you use for treating certain places now

862
00:34:48,539 --> 00:34:52,710
one of the ones I like this just

863
00:34:50,579 --> 00:34:55,500
positively bit my thirst or there's a

864
00:34:52,710 --> 00:34:57,608
point down there on the tile yeah and

865
00:34:55,500 --> 00:35:00,130
it's called we gr

866
00:34:57,608 --> 00:35:02,440
only point on the body and that point is

867
00:35:00,130 --> 00:35:04,838
used for treating stroke sunstroke and

868
00:35:02,440 --> 00:35:06,480
gastroenteritis on the tail on the tail

869
00:35:04,838 --> 00:35:09,788
yeah you could move them to that point

870
00:35:06,480 --> 00:35:11,199
now this worried be a bit because what

871
00:35:09,789 --> 00:35:14,619
happens for to say bull dogs that have

872
00:35:11,199 --> 00:35:17,048
no tail or dog who had their tails cut

873
00:35:14,619 --> 00:35:18,700
off hmm they used to be a practice in

874
00:35:17,048 --> 00:35:21,248
Australia of docking dogs tails for

875
00:35:18,699 --> 00:35:23,108
showing but what do you do to this dot

876
00:35:21,248 --> 00:35:25,419
poor dog if it suffers from stroke and

877
00:35:23,108 --> 00:35:26,980
you've cut off the acupuncture point

878
00:35:25,420 --> 00:35:29,259
that you use for treating it well it

879
00:35:26,980 --> 00:35:31,329
turns out there isn't a problem because

880
00:35:29,259 --> 00:35:33,190
there are many many places on the dog

881
00:35:31,329 --> 00:35:36,700
where you can treat the stroke oh really

882
00:35:33,190 --> 00:35:38,318
I notices one even here on oh yeah lots

883
00:35:36,699 --> 00:35:39,368
of point they were several but they're

884

00:35:38,318 --> 00:35:41,079
there as well there's one other point

885
00:35:39,369 --> 00:35:42,220
for gastroenteritis and I think it's

886
00:35:41,079 --> 00:35:43,989
that one there but I'd have to go and

887
00:35:42,219 --> 00:35:46,179
look up the book find out was that about

888
00:35:43,989 --> 00:35:49,230
midway I did way there so if you know

889
00:35:46,179 --> 00:35:51,759
the nearly hips into the hips yeah so

890
00:35:49,230 --> 00:35:54,099
with this model and a set of

891
00:35:51,759 --> 00:35:55,690
instructions that I got ah and you've

892
00:35:54,099 --> 00:35:57,430
got this in Hong Kong did you I bought

893
00:35:55,690 --> 00:35:59,650
it actually I bought it on eBay be back

894
00:35:57,429 --> 00:36:02,768
why travel but anyway we'll do it for

895
00:35:59,650 --> 00:36:05,139
their yes it cost me what do you do

896
00:36:02,768 --> 00:36:08,139
dollars i mean a bag and i might get one

897
00:36:05,139 --> 00:36:09,998
before the bargain yeah and I also have

898
00:36:08,139 --> 00:36:11,858

a model of a man but that's far was fun

899

00:36:09,998 --> 00:36:14,409

because everybody knows you can do

900

00:36:11,858 --> 00:36:16,088

acupuncture on people but I was unaware

901

00:36:14,409 --> 00:36:18,068

you could do acupuncture on dogs but I'm

902

00:36:16,088 --> 00:36:21,248

very good bullet please I've got this

903

00:36:18,068 --> 00:36:23,259

it's a dog with a proper dog face so it

904

00:36:21,248 --> 00:36:26,078

looks like Cody so now i know how i can

905

00:36:23,259 --> 00:36:28,719

truly mike and slave on Betsy's by doing

906

00:36:26,079 --> 00:36:30,430

my own noodling of Cody when he gets so

907

00:36:28,719 --> 00:36:31,899

maybe it works like a voodoo thing you

908

00:36:30,429 --> 00:36:34,960

put the needles into this dog in your

909

00:36:31,900 --> 00:36:37,599

real dog bear gets the benefit you think

910

00:36:34,960 --> 00:36:39,670

you're joking aren't I hope I'm joking

911

00:36:37,599 --> 00:36:41,559

there is a form of quackery called

912

00:36:39,670 --> 00:36:44,858

therapeutic touch that's like touch um

913
00:36:41,559 --> 00:36:47,230
touch field therapy touch field Ferris

914
00:36:44,858 --> 00:36:49,650
field therapy where you tap on

915
00:36:47,230 --> 00:36:53,590
acupuncture points

916
00:36:49,650 --> 00:36:56,200
the cue people you can do this by remote

917
00:36:53,590 --> 00:36:57,550
control over the telephone however it

918
00:36:56,199 --> 00:36:59,589
cost you a hundred thousand dollars to

919
00:36:57,550 --> 00:37:01,330
do the training course and what you can

920
00:36:59,590 --> 00:37:03,579
do you actually sit down with the model

921
00:37:01,329 --> 00:37:06,369
dog and the other dog on the other of

922
00:37:03,579 --> 00:37:07,779
the telephone you could go tap the model

923
00:37:06,369 --> 00:37:08,710
dog and the other dog on the other end

924
00:37:07,780 --> 00:37:10,000
of the other phone gets all that they

925
00:37:08,710 --> 00:37:11,470
will get the benefit this is too

926
00:37:10,000 --> 00:37:13,179
remarkable order right through it is a

927
00:37:11,469 --> 00:37:17,589
remarkable thing it's a wonderful system

928
00:37:13,179 --> 00:37:18,789
thought field therapy there are lots are

929
00:37:17,590 --> 00:37:20,680
those sorts of quackery things around

930
00:37:18,789 --> 00:37:22,480
that was one which was just invented

931
00:37:20,679 --> 00:37:24,099
from whole cloth yeah some of the moon

932
00:37:22,480 --> 00:37:27,280
around forever now for example this

933
00:37:24,099 --> 00:37:29,380
little box here oh I like this I we've

934
00:37:27,280 --> 00:37:31,870
we've discussed this setup of it but

935
00:37:29,380 --> 00:37:33,490
this is a rife machine Wow as an audio

936
00:37:31,869 --> 00:37:36,940
frequency one so this does with audio

937
00:37:33,489 --> 00:37:40,389
frequency you can get ones that use of

938
00:37:36,940 --> 00:37:41,769
magnetism and you can get ones that use

939
00:37:40,389 --> 00:37:44,710
electric stimulation as well but this

940
00:37:41,769 --> 00:37:46,480
one's an audio one and watch it's got 24

941

00:37:44,710 --> 00:37:48,130
programs you turn it on and fortunately

942
00:37:46,480 --> 00:37:50,289
doesn't like to us the flash you turn it

943
00:37:48,130 --> 00:37:52,539
on says on the properties you set the

944
00:37:50,289 --> 00:37:58,719
program you want it for example program

945
00:37:52,539 --> 00:38:01,869
24 a program to cures aids program three

946
00:37:58,719 --> 00:38:05,469
it's different frequency cures cancer or

947
00:38:01,869 --> 00:38:07,269
cancer of course of course now these

948
00:38:05,469 --> 00:38:10,059
things were first can never work for a

949
00:38:07,269 --> 00:38:13,989
man called royal raymond rife in the

950
00:38:10,059 --> 00:38:17,349
1930s wife also invented a microscope

951
00:38:13,989 --> 00:38:19,000
and I've seen claims for up to 60,000

952
00:38:17,349 --> 00:38:21,429
times magnification with this optical

953
00:38:19,000 --> 00:38:23,800
microscope now it's interesting to note

954
00:38:21,429 --> 00:38:26,589
that if you go to carl zeiss it make

955
00:38:23,800 --> 00:38:27,910

microscopes they will give you a

956

00:38:26,590 --> 00:38:30,610

cellular microscope that will magnify to

957

00:38:27,909 --> 00:38:33,460

twelve hundred and fifty times the motto

958

00:38:30,610 --> 00:38:35,980

of Carl Zeiss is limited only by the laws

959

00:38:33,460 --> 00:38:38,199

of physics well that was a really

960

00:38:35,980 --> 00:38:40,300

appropriate thing but right had a

961

00:38:38,199 --> 00:38:42,789

microscope in the 1930s which could see

962

00:38:40,300 --> 00:38:45,490

viruses and can magnify to sixty

963

00:38:42,789 --> 00:38:47,349

thousand times it looks scientific it

964

00:38:45,489 --> 00:38:50,409

doesn't go under yeah someone said to me

965

00:38:47,349 --> 00:38:52,059

once they said his machine out performed

966

00:38:50,409 --> 00:38:53,529

the electron microscopes of the day I

967

00:38:52,059 --> 00:38:55,299

said well it was remarkable because they

968

00:38:53,530 --> 00:38:56,560

would any as the first electron

969

00:38:55,300 --> 00:38:58,420

microscope was actually patent another

970
00:38:56,559 --> 00:39:00,019
right they certainly did outperform them

971
00:38:58,420 --> 00:39:02,510
they did

972
00:39:00,019 --> 00:39:05,360
I have a the carrier's friend on the

973
00:39:02,510 --> 00:39:06,920
internet who was an acupuncturist apart

974
00:39:05,360 --> 00:39:09,140
from being an acupuncturist he is an

975
00:39:06,920 --> 00:39:11,389
absolutely red-hot supporter of real

976
00:39:09,139 --> 00:39:13,219
medicine and totally down on all other

977
00:39:11,389 --> 00:39:15,529
forms of quackery I shouldn't say all

978
00:39:13,219 --> 00:39:16,879
other forms I got offended and he

979
00:39:15,530 --> 00:39:18,320
actually a taxi but point out he

980
00:39:16,880 --> 00:39:21,920
actually says that he knows I don't

981
00:39:18,320 --> 00:39:23,990
believe him but he honestly believes he

982
00:39:21,920 --> 00:39:26,659
can help people but what he does say

983
00:39:23,989 --> 00:39:28,729
there are things he doesn't treat he

984
00:39:26,659 --> 00:39:32,859
doesn't treat terminal illness he treats

985
00:39:28,730 --> 00:39:36,740
transient things sore backs nausea

986
00:39:32,860 --> 00:39:38,090
things like that that go away anyway but

987
00:39:36,739 --> 00:39:41,779
here's an example here's a book called

988
00:39:38,090 --> 00:39:44,450
the cure for HIV and AIDS oh wow this

989
00:39:41,780 --> 00:39:47,150
doesn't work yeah now the person who

990
00:39:44,449 --> 00:39:48,289
wrote that book it does actually sell

991
00:39:47,150 --> 00:39:51,800
one of those machines and I've got

992
00:39:48,289 --> 00:39:54,170
Inquirer's here this is a genuine holder

993
00:39:51,800 --> 00:39:56,300
Clark Zappa you will notice that it says

994
00:39:54,170 --> 00:39:57,470
Jake are on the top but cars been

995
00:39:56,300 --> 00:40:00,010
blocked out they were trying to pretend

996
00:39:57,469 --> 00:40:02,689
that this was a team made by JK JK is a

997
00:40:00,010 --> 00:40:04,880
electronic electronics chain here in

998

00:40:02,690 --> 00:40:07,190
Australia it's got a picture the Space

999
00:40:04,880 --> 00:40:08,750
Shuttle on the 5th now the idea of this

1000
00:40:07,190 --> 00:40:10,309
is you hold the two little tubes and you

1001
00:40:08,750 --> 00:40:12,619
turn it on this electric zapping comes

1002
00:40:10,309 --> 00:40:15,730
through and cures things this woman's

1003
00:40:12,619 --> 00:40:18,409
first book her name is holder Clark and

1004
00:40:15,730 --> 00:40:22,699
she actually has a PhD she's a doctor

1005
00:40:18,409 --> 00:40:26,480
she has a PhD in pelion time crab at

1006
00:40:22,699 --> 00:40:28,549
palio physiology at physiology I

1007
00:40:26,480 --> 00:40:30,740
actually said once that she had a PhD in

1008
00:40:28,550 --> 00:40:33,200
crustacean physiology and I was accused

1009
00:40:30,739 --> 00:40:34,339
of lying but one of her supporters are

1010
00:40:33,199 --> 00:40:37,039
you going to get these ahead ranges that

1011
00:40:34,340 --> 00:40:39,500
because the word her parity thesis title

1012
00:40:37,039 --> 00:40:42,679

doesn't say crustacean the first book

1013

00:40:39,500 --> 00:40:45,039

was called the cure for all diseases the

1014

00:40:42,679 --> 00:40:48,739

second book was called the cure for all

1015

00:40:45,039 --> 00:40:50,389

cancer the next book was called the cure

1016

00:40:48,739 --> 00:40:52,250

for all advanced cancers now all have

1017

00:40:50,389 --> 00:40:54,589

thought that each of those books was

1018

00:40:52,250 --> 00:40:57,559

included in the prior one then she came

1019

00:40:54,590 --> 00:40:59,480

up with a cure for hiv/aids she has a

1020

00:40:57,559 --> 00:41:02,210

clinic in Tijuana which we were charging

1021

00:40:59,480 --> 00:41:05,240

fifteen thousand dollars a week to treat

1022

00:41:02,210 --> 00:41:08,840

people for AIDS I have been to this

1023

00:41:05,239 --> 00:41:11,209

clinic it is in the sleaziest part of

1024

00:41:08,840 --> 00:41:14,030

Tijuana and for those of you who haven't

1025

00:41:11,210 --> 00:41:16,340

been to Tijuana the sleaziest part of

1026

00:41:14,030 --> 00:41:18,620

Tijuana cannot be described as you'd go

1027
00:41:16,340 --> 00:41:20,390
there because the best part of Tijuana

1028
00:41:18,619 --> 00:41:24,319
will be classed as a sludgy as part of

1029
00:41:20,389 --> 00:41:26,659
Sydney it is not aid salubrious town but

1030
00:41:24,320 --> 00:41:29,480
I didn't see one single health food shop

1031
00:41:26,659 --> 00:41:31,849
or one shop selling supplements or any

1032
00:41:29,480 --> 00:41:33,170
homeopaths or any chiropractors but what

1033
00:41:31,849 --> 00:41:35,619
I did see you it's a normal number of

1034
00:41:33,170 --> 00:41:37,900
pharmacies selling legitimate

1035
00:41:35,619 --> 00:41:41,480
prescription drugs without prescriptions

1036
00:41:37,900 --> 00:41:44,660
the real genuine articles people drive

1037
00:41:41,480 --> 00:41:47,539
down from San Diego to Tijuana to buy

1038
00:41:44,659 --> 00:41:49,759
their heart treatment their cholesterol

1039
00:41:47,539 --> 00:41:52,369
medication their diabetes medication all

1040
00:41:49,760 --> 00:41:54,320
those sorts of things they all go there

1041
00:41:52,369 --> 00:41:55,849
and they buy the real thing they don't

1042
00:41:54,320 --> 00:41:59,420
go and buy the fake ones when they're

1043
00:41:55,849 --> 00:42:02,119
available yeah another thing that I hear

1044
00:41:59,420 --> 00:42:05,960
quite a lot when I'm talking to these

1045
00:42:02,119 --> 00:42:07,699
sort of people these app is all these

1046
00:42:05,960 --> 00:42:09,409
sort of things work because they work on

1047
00:42:07,699 --> 00:42:11,210
the vibrations and we're all made out of

1048
00:42:09,409 --> 00:42:14,059
vibrations and I know that one's awesome

1049
00:42:11,210 --> 00:42:15,829
what they meant by that well I'm asking

1050
00:42:14,059 --> 00:42:17,360
you what do they think they mean when

1051
00:42:15,829 --> 00:42:20,480
they say we're all made out of vibration

1052
00:42:17,360 --> 00:42:22,039
they don't really know they then it's

1053
00:42:20,480 --> 00:42:23,240
another by the other works they usually

1054
00:42:22,039 --> 00:42:24,769
come Noah tell you that you need to

1055

00:42:23,239 --> 00:42:27,859
remove toxins from your body energy

1056
00:42:24,769 --> 00:42:31,280
toxins vibrations and I always on which

1057
00:42:27,860 --> 00:42:33,620
toxins and they have no answer yeah when

1058
00:42:31,280 --> 00:42:36,650
you say which vibrations they have no

1059
00:42:33,619 --> 00:42:38,539
answer to that either then yes we're all

1060
00:42:36,650 --> 00:42:40,519
vibrating at the quantum level are all

1061
00:42:38,539 --> 00:42:41,690
shaking all over the place but that

1062
00:42:40,519 --> 00:42:43,460
doesn't mean one of those things plugged

1063
00:42:41,690 --> 00:42:45,440
in internal certain frequency is going

1064
00:42:43,460 --> 00:42:50,960
to kill things the principle that rife

1065
00:42:45,440 --> 00:42:52,880
worked on was resonance and when you

1066
00:42:50,960 --> 00:42:55,220
think about it it's possible things

1067
00:42:52,880 --> 00:42:57,619
vibrate at a certain that your frequency

1068
00:42:55,219 --> 00:42:58,879
if you can get them to vibrate very hard

1069
00:42:57,619 --> 00:43:00,469

at that natural frequency they'll break

1070

00:42:58,880 --> 00:43:03,500

and it's Caruso singing and breaking the

1071

00:43:00,469 --> 00:43:05,389

wine glass it's the classic exam the

1072

00:43:03,500 --> 00:43:07,400

idea being that if you've got a bacteria

1073

00:43:05,389 --> 00:43:09,589

it will and you can get the vibrate at

1074

00:43:07,400 --> 00:43:11,269

the point where it destroys itself you

1075

00:43:09,590 --> 00:43:14,329

can destroy them these things are being

1076

00:43:11,269 --> 00:43:15,980

tested they don't work it's not a matter

1077

00:43:14,329 --> 00:43:18,250

of

1078

00:43:15,980 --> 00:43:20,389

totally impossible like some things are

1079

00:43:18,250 --> 00:43:22,429

so the people who push that no it

1080

00:43:20,389 --> 00:43:24,190

doesn't work that's what I say I think

1081

00:43:22,429 --> 00:43:27,169

that there are some people out there who

1082

00:43:24,190 --> 00:43:28,849

seriously believe they I'm sure there

1083

00:43:27,170 --> 00:43:30,409

are i'm sure that i was i was at the

1084
00:43:28,849 --> 00:43:33,519
mind-body-spirit festival and there was

1085
00:43:30,409 --> 00:43:37,489
a woman there who was a psychologist

1086
00:43:33,519 --> 00:43:39,170
fully qualified psychologist clinical

1087
00:43:37,489 --> 00:43:41,750
psychologist and she had taken on a

1088
00:43:39,170 --> 00:43:43,039
franchise for one of those machines she

1089
00:43:41,750 --> 00:43:44,900
would teach of course she thought she

1090
00:43:43,039 --> 00:43:46,670
could use it as mad a junk and what she

1091
00:43:44,900 --> 00:43:49,130
was already doing to help of emotions

1092
00:43:46,670 --> 00:43:50,480
right now in fact maybe what had

1093
00:43:49,130 --> 00:43:52,309
patience did was just a good talking-to

1094
00:43:50,480 --> 00:43:54,650
and so the psychology part of it was

1095
00:43:52,309 --> 00:43:56,630
working anyway yeah she was convinced

1096
00:43:54,650 --> 00:44:00,230
some solvent against her that this thing

1097
00:43:56,630 --> 00:44:02,900
would help and that she was perfectly

1098
00:44:00,230 --> 00:44:04,219
sincere about it the bus or other people

1099
00:44:02,900 --> 00:44:06,200
charging ninety dollars through an

1100
00:44:04,219 --> 00:44:07,519
allergy test by poking a probe into your

1101
00:44:06,199 --> 00:44:09,679
hand and make me go too deep and saying

1102
00:44:07,519 --> 00:44:10,909
a you hold little glass bottle yeah a

1103
00:44:09,679 --> 00:44:12,108
bleep eight again so you're allergic to

1104
00:44:10,909 --> 00:44:14,599
this oh and by the way we've got the

1105
00:44:12,108 --> 00:44:16,969
treatment for that if there'd they know

1106
00:44:14,599 --> 00:44:18,559
what they're doing I have no doubt that

1107
00:44:16,969 --> 00:44:21,589
the boss of this book knows exactly what

1108
00:44:18,559 --> 00:44:23,480
she's doing yeah yeah she might appear

1109
00:44:21,590 --> 00:44:25,130
to be nuts but she isn't now other

1110
00:44:23,480 --> 00:44:27,289
people I think that probably know what

1111
00:44:25,130 --> 00:44:29,840
they're doing a large companies or who

1112

00:44:27,289 --> 00:44:31,820
produce these little pills here which

1113
00:44:29,840 --> 00:44:36,410
are of course homeopathic these are

1114
00:44:31,820 --> 00:44:37,789
homeopathic sleeping tablets and they're

1115
00:44:36,409 --> 00:44:39,529
basically what are they what they are

1116
00:44:37,789 --> 00:44:43,420
they contain the ingredients wonderful

1117
00:44:39,530 --> 00:44:48,210
they contain 14c capsicum 3c chamomilla

1118
00:44:43,420 --> 00:44:51,329
the sbarro like 4c coffee and 30c coffee

1119
00:44:48,210 --> 00:44:53,130
they in that field there are two

1120
00:44:51,329 --> 00:44:56,909
different concentrations of the same

1121
00:44:53,130 --> 00:44:59,070
chemical if this is a fact unknown to

1122
00:44:56,909 --> 00:45:00,239
most of science that you can take two

1123
00:44:59,070 --> 00:45:01,588
different concentrations of the same

1124
00:45:00,239 --> 00:45:03,719
chemical and mix them together and get

1125
00:45:01,588 --> 00:45:05,608
and they stay separate the interesting

1126
00:45:03,719 --> 00:45:08,759

thing is that it doesn't say that that

1127

00:45:05,608 --> 00:45:11,190

is in fact 30c coffee it says contains

1128

00:45:08,760 --> 00:45:13,710

equal parts off which means which means

1129

00:45:11,190 --> 00:45:16,710

that it contained it could contain one

1130

00:45:13,710 --> 00:45:18,179

millionth of a gram there are what it

1131

00:45:16,710 --> 00:45:22,588

basically is a little tab full of

1132

00:45:18,179 --> 00:45:25,440

lactose delicious before I was diagnosed

1133

00:45:22,588 --> 00:45:27,239

with diabetes like to stand on stage may

1134

00:45:25,440 --> 00:45:29,010

four of these things before performance

1135

00:45:27,239 --> 00:45:31,259

in washing over the glass of red wine I

1136

00:45:29,010 --> 00:45:32,970

still do the red wine but I believe that

1137

00:45:31,260 --> 00:45:35,070

my endocrinologist but advised me

1138

00:45:32,969 --> 00:45:36,419

against having 24 Lugo's tablets or

1139

00:45:35,070 --> 00:45:38,369

lactose so I've another one like of

1140

00:45:36,420 --> 00:45:40,230

another muses sleep to hang up now

1141
00:45:38,369 --> 00:45:43,170
here's another one yeah these were sent

1142
00:45:40,230 --> 00:45:44,579
to me by a homeopath this man challenged

1143
00:45:43,170 --> 00:45:47,490
me he said that I didn't do nothing

1144
00:45:44,579 --> 00:45:48,960
about homeopathy that I wasn't prepared

1145
00:45:47,489 --> 00:45:51,389
to learn anything about homeopathy and

1146
00:45:48,960 --> 00:45:52,559
that i wouldn't try homeopathy and he

1147
00:45:51,389 --> 00:45:54,509
said to me put your money where your

1148
00:45:52,559 --> 00:45:56,789
mouth is I says why don't you put your

1149
00:45:54,510 --> 00:46:00,200
money where my mouth is and send me some

1150
00:45:56,789 --> 00:46:03,750
pills so he did he said me these pills

1151
00:46:00,199 --> 00:46:06,509
what they are is 203 belladonna and

1152
00:46:03,750 --> 00:46:08,130
they're practically invisible smallest

1153
00:46:06,510 --> 00:46:09,630
pills I think I've ever seen I'll just

1154
00:46:08,130 --> 00:46:10,800
put one on mine but actually what they

1155
00:46:09,630 --> 00:46:15,750
are at the hundreds and thousands like

1156
00:46:10,800 --> 00:46:19,530
you put on the top of a cake 200 see

1157
00:46:15,750 --> 00:46:24,539
what 200 C means is that you take the

1158
00:46:19,530 --> 00:46:30,599
active ingredient belladonna and you

1159
00:46:24,539 --> 00:46:33,389
dilute it one part in 100 it down so you

1160
00:46:30,599 --> 00:46:36,420
take one gram of belladonna and ninety

1161
00:46:33,389 --> 00:46:38,940
nine grams of something and you mix it

1162
00:46:36,420 --> 00:46:42,530
all up then you take one gram of the

1163
00:46:38,940 --> 00:46:46,019
subsequent mixture and you mix that with

1164
00:46:42,530 --> 00:46:47,970
99 grams of whatever it is you're making

1165
00:46:46,019 --> 00:46:49,500
in theory you do this but you see wreck

1166
00:46:47,969 --> 00:46:51,868
this doesn't happen can you do that two

1167
00:46:49,500 --> 00:46:53,719
hundred times yeah how long would that

1168
00:46:51,869 --> 00:46:55,829
take honestly it would take you forever

1169

00:46:53,719 --> 00:46:57,209
what this set these are theirs are

1170
00:46:55,829 --> 00:47:00,179
hundreds and thousands there are dollar

1171
00:46:57,210 --> 00:47:02,030
16 a kilogram at Woolworth's even

1172
00:47:00,179 --> 00:47:05,489
sugar if you buy them through a cake

1173
00:47:02,030 --> 00:47:06,630
decorating wholesaler I don't know how

1174
00:47:05,489 --> 00:47:08,608
much they charge those little bottle of

1175
00:47:06,630 --> 00:47:11,068
25 tablets go all a bit it's not on

1176
00:47:08,608 --> 00:47:12,119
pro-rata basis he tells me to take them

1177
00:47:11,068 --> 00:47:13,619
i said i'm going to take a whole lot of

1178
00:47:12,119 --> 00:47:16,260
them in one go he said now you're going

1179
00:47:13,619 --> 00:47:18,568
to take one per hour for 12 hours to get

1180
00:47:16,260 --> 00:47:20,700
the effect even through the night or

1181
00:47:18,568 --> 00:47:22,349
whatever so I didn't I got exactly the

1182
00:47:20,699 --> 00:47:26,848
effect i expected which is nothing at

1183
00:47:22,349 --> 00:47:28,470

all according to my book a modern her

1184

00:47:26,849 --> 00:47:30,180

ball by mrs. maude group published in

1185

00:47:28,469 --> 00:47:31,858

nineteen thirty which I use often

1186

00:47:30,179 --> 00:47:34,049

against him pretend to know nothing

1187

00:47:31,858 --> 00:47:35,940

about herbs it describes the effect of

1188

00:47:34,050 --> 00:47:39,869

belladonna which by the way is poison

1189

00:47:35,940 --> 00:47:43,230

now you tell me crazy this is deadly not

1190

00:47:39,869 --> 00:47:46,440

change alright this is bad news this

1191

00:47:43,230 --> 00:47:48,568

stuff it causes sweating for to fainting

1192

00:47:46,440 --> 00:47:50,309

death and so forth I never had any of

1193

00:47:48,568 --> 00:47:52,949

those things what you talked about the

1194

00:47:50,309 --> 00:47:56,190

dilution I've got here a treatment for

1195

00:47:52,949 --> 00:47:59,219

hepatitis B it's 50 Miller 50 milliliter

1196

00:47:56,190 --> 00:48:02,760

bottle a couple of years ago people

1197

00:47:59,219 --> 00:48:04,368

putting out a vaccine act actions more

1198
00:48:02,760 --> 00:48:06,960
appropriate this one is a meningococcal

1199
00:48:04,369 --> 00:48:09,690
circuit overspend meningioma comunicado

1200
00:48:06,960 --> 00:48:11,280
once I'm here that's water water and

1201
00:48:09,690 --> 00:48:16,289
what they were doing was are putting out

1202
00:48:11,280 --> 00:48:20,369
a 200 C homeopathic preparation of this

1203
00:48:16,289 --> 00:48:25,108
vaccine and I said at the time that this

1204
00:48:20,369 --> 00:48:27,630
was fraud to make a 200 see what all

1205
00:48:25,108 --> 00:48:29,548
that size that bottle a size of 200 C

1206
00:48:27,630 --> 00:48:33,838
homeopathic preparation would reproduce

1207
00:48:29,548 --> 00:48:35,880
a thousand liters a thousand liters of

1208
00:48:33,838 --> 00:48:38,219
wastewater produced that bond we've got

1209
00:48:35,880 --> 00:48:39,210
a drought on that's very responsible now

1210
00:48:38,219 --> 00:48:41,039
remember you've got to throw that away

1211
00:48:39,210 --> 00:48:42,179
because it's and of course it's medical

1212
00:48:41,039 --> 00:48:43,679
waste so it's gotta be treated properly

1213
00:48:42,179 --> 00:48:46,289
hasn't it you can't just took it down

1214
00:48:43,679 --> 00:48:48,598
the drain in fact I actually calculated

1215
00:48:46,289 --> 00:48:51,029
at the time that to produce all of the

1216
00:48:48,599 --> 00:48:52,109
meningococcal vaccine for one year of

1217
00:48:51,030 --> 00:48:55,140
the program in Australia when they're

1218
00:48:52,108 --> 00:48:57,210
giving away would have required to do it

1219
00:48:55,139 --> 00:48:59,009
homeopathic alee seventy percent of the

1220
00:48:57,210 --> 00:49:01,440
water used to produce all the coca-cola

1221
00:48:59,010 --> 00:49:02,730
consumed in Australia in 12 months who'd

1222
00:49:01,440 --> 00:49:04,950
read a lot of soft neck in this country

1223
00:49:02,730 --> 00:49:06,568
give me the coca-cola and said whatever

1224
00:49:04,949 --> 00:49:09,389
wonderful toys have we got down here oh

1225
00:49:06,568 --> 00:49:10,929
you're all sorts of stuff finally to

1226

00:49:09,389 --> 00:49:12,308
wrap it up

1227
00:49:10,929 --> 00:49:14,889
because we're running out of time a

1228
00:49:12,309 --> 00:49:16,930
little bit mad true madness one of my

1229
00:49:14,889 --> 00:49:19,210
favorite topics indeed yeah it's the any

1230
00:49:16,929 --> 00:49:23,799
vaccinations people the person who

1231
00:49:19,210 --> 00:49:25,780
produced this video has told me that all

1232
00:49:23,800 --> 00:49:28,568
cases of shaken baby syndrome are caused

1233
00:49:25,780 --> 00:49:32,530
by vaccines in fact she has told me that

1234
00:49:28,568 --> 00:49:34,929
it is impossible impossible to term a

1235
00:49:32,530 --> 00:49:36,849
baby by shaking it and she claims of

1236
00:49:34,929 --> 00:49:38,949
scientific tests have been done with

1237
00:49:36,849 --> 00:49:40,420
monkeys were they taken monkeys and

1238
00:49:38,949 --> 00:49:43,179
tried to shake them to death and they

1239
00:49:40,420 --> 00:49:46,568
haven't been able to succeed another

1240
00:49:43,179 --> 00:49:49,328

little service this person offers is if

1241
00:49:46,568 --> 00:49:51,338
you want to travel to say Nigel in

1242
00:49:49,329 --> 00:49:52,720
Africa and you want to come back to

1243
00:49:51,338 --> 00:49:54,489
Australia you're required to have a

1244
00:49:52,719 --> 00:49:57,129
yellow fever vaccination certificate

1245
00:49:54,489 --> 00:49:58,750
know very few not all doctors in

1246
00:49:57,130 --> 00:50:01,329
Australia can actually do vaccinations

1247
00:49:58,750 --> 00:50:02,619
for yellow fever they have to get a

1248
00:50:01,329 --> 00:50:03,910
special license special certificate

1249
00:50:02,619 --> 00:50:06,338
certification the Federal Department of

1250
00:50:03,909 --> 00:50:08,139
Health this lady will put you in touch

1251
00:50:06,338 --> 00:50:09,489
with a doctor who will give you a

1252
00:50:08,139 --> 00:50:11,500
certificate saying you've been

1253
00:50:09,489 --> 00:50:13,868
vaccinated against yellow fever when you

1254
00:50:11,500 --> 00:50:18,940
haven't and then you reach the point

1255
00:50:13,869 --> 00:50:20,650
where any reasonable course or flow of

1256
00:50:18,940 --> 00:50:22,420
conversation simply breaks down these

1257
00:50:20,650 --> 00:50:24,400
can't you just cannot book people like

1258
00:50:22,420 --> 00:50:25,568
that yeah once they start really play

1259
00:50:24,400 --> 00:50:28,990
hiding in a matter where they're totally

1260
00:50:25,568 --> 00:50:30,818
insane you can't do for example with the

1261
00:50:28,989 --> 00:50:33,789
polio I've been told that polio has not

1262
00:50:30,818 --> 00:50:36,219
gone it's still around it's just been

1263
00:50:33,789 --> 00:50:37,659
renowned as a septic meningitis when I

1264
00:50:36,219 --> 00:50:40,568
say well where are the iron lungs where

1265
00:50:37,659 --> 00:50:42,159
the calipers on the kids I we were not

1266
00:50:40,568 --> 00:50:44,139
every class or didn't promise got had

1267
00:50:42,159 --> 00:50:45,789
kids that we had to allow for in games

1268
00:50:44,139 --> 00:50:48,489
because they wobble because I had one

1269
00:50:45,789 --> 00:50:50,199
twisted league in calluses yeah well I'd

1270
00:50:48,489 --> 00:50:52,000
my appendix out and I was very young I

1271
00:50:50,199 --> 00:50:54,250
in while the other people in the

1272
00:50:52,000 --> 00:50:56,318
hill dhryn hospital in the ward in the

1273
00:50:54,250 --> 00:50:57,639
hospital and children's ward was a girl

1274
00:50:56,318 --> 00:51:00,190
who was going to die in a lot and I on

1275
00:50:57,639 --> 00:51:02,259
lunch at polio now what I'm doing now

1276
00:51:00,190 --> 00:51:03,900
for the people viewing this episode I'm

1277
00:51:02,260 --> 00:51:06,790
just putting up a photograph of Peter

1278
00:51:03,900 --> 00:51:08,108
inspecting an iron lung and it's the

1279
00:51:06,789 --> 00:51:09,909
only place where you could really find

1280
00:51:08,108 --> 00:51:12,489
one now in this country it's in a museum

1281
00:51:09,909 --> 00:51:15,328
that's right it's in a museum and that's

1282
00:51:12,489 --> 00:51:17,679
the only place they should be yeah but

1283

00:51:15,329 --> 00:51:20,140
I've been told that it's still around or

1284
00:51:17,679 --> 00:51:22,449
I want to know where it is I've also

1285
00:51:20,139 --> 00:51:24,068
been told that because there was one

1286
00:51:22,449 --> 00:51:26,498
batch of vaccines

1287
00:51:24,068 --> 00:51:29,528
is the Palio vaccination in 1956 that

1288
00:51:26,498 --> 00:51:30,879
was contaminated that everybody who was

1289
00:51:29,528 --> 00:51:33,880
vaccinated by that has developed

1290
00:51:30,880 --> 00:51:37,420
medulloblastoma had died everybody well

1291
00:51:33,880 --> 00:51:39,099
I'm yeah I'm dead well I'm sure a lot of

1292
00:51:37,420 --> 00:51:41,139
people wish you were dead we're happy

1293
00:51:39,099 --> 00:51:46,119
you're not dead I encourage everybody to

1294
00:51:41,139 --> 00:51:48,219
go and visit w WX calm and of course

1295
00:51:46,119 --> 00:51:49,989
everybody watching this that will be in

1296
00:51:48,219 --> 00:51:52,179
total agreement with Peter but if in

1297
00:51:49,989 --> 00:51:53,739

case you're not you can send him hate

1298

00:51:52,179 --> 00:51:55,899

mail and I'm sure you'll be delighted to

1299

00:51:53,739 --> 00:51:59,108

read as I do now the one thing I like to

1300

00:51:55,900 --> 00:52:00,699

finish off with yes the big word in all

1301

00:51:59,108 --> 00:52:03,369

of alternative medicine is natural

1302

00:52:00,699 --> 00:52:06,608

natural everybody knows that natural is

1303

00:52:03,369 --> 00:52:09,309

good now leave aside that the world's

1304

00:52:06,608 --> 00:52:11,048

most toxic substance bottlers and toxin

1305

00:52:09,309 --> 00:52:12,369

that stuff you inject into people's

1306

00:52:11,048 --> 00:52:15,068

faces so they talk funny when the

1307

00:52:12,369 --> 00:52:16,749

electors and the second most toxic ricin

1308

00:52:15,068 --> 00:52:18,969

which I can walk across here and get out

1309

00:52:16,748 --> 00:52:21,129

of a castor oil plant but natural is

1310

00:52:18,969 --> 00:52:22,778

good and so anything which is a hundred

1311

00:52:21,130 --> 00:52:24,880

percent natural must be really good for

1312
00:52:22,778 --> 00:52:28,389
us to be good so we're going to finish

1313
00:52:24,880 --> 00:52:31,170
off oh yeah with some natural beverage

1314
00:52:28,389 --> 00:52:33,400
there's on the back of this it says here

1315
00:52:31,170 --> 00:52:35,440
using only one hundred percent natural

1316
00:52:33,400 --> 00:52:38,259
ingredients heineken is additive and

1317
00:52:35,440 --> 00:52:41,639
preservative-free can this stuff not be

1318
00:52:38,259 --> 00:52:41,639
good for you cheers Cheers

1319
00:52:47,358 --> 00:52:51,989
well thank you for joining me Richard

1320
00:52:49,980 --> 00:52:53,969
Saunders for this episode of the skeptic

1321
00:52:51,989 --> 00:52:56,339
zone next week we'll have our full

1322
00:52:53,969 --> 00:52:58,500
episode with dr. Ritchie reports the

1323
00:52:56,340 --> 00:53:01,619
round up the think tank grain of salt

1324
00:52:58,500 --> 00:53:03,989
and all the features you like and to

1325
00:53:01,619 --> 00:53:07,350
leave you I would advise that you

1326
00:53:03,989 --> 00:53:10,829
actually listen to or download Ben gold

1327
00:53:07,349 --> 00:53:13,049
acres podcast Ben Goldacre from earlier

1328
00:53:10,829 --> 00:53:16,340
in the show his latest episode has a

1329
00:53:13,050 --> 00:53:18,600
very interesting sequence featuring

1330
00:53:16,340 --> 00:53:21,240
somebody who doesn't think that

1331
00:53:18,599 --> 00:53:24,690
vaccinations are a good idea worth a

1332
00:53:21,239 --> 00:53:26,399
listen until next week this is Richard

1333
00:53:24,690 --> 00:53:31,769
Saunders signing off from Sydney

1334
00:53:26,400 --> 00:53:36,030
Australia you've been listening to the

1335
00:53:31,769 --> 00:53:39,300
skeptic zone visit our website at wwc a

1336
00:53:36,030 --> 00:53:43,040
petting zoo TV for comments contacts and

1337
00:53:39,300 --> 00:53:43,039
extra video reports

1338
00:53:43,289 --> 00:53:46,289
it's

1339
00:53:47,460 --> 00:53:50,420
check

1340

00:53:54,588 --> 00:53:56,619

Oh

1341

00:54:01,338 --> 00:54:03,400

you