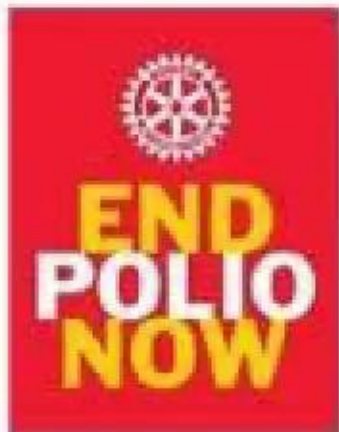


**The Skeptic Zone**  
**Show 277 - 9 Feb 2014**



**End Polio Now Campaign**

1  
00:00:21,930 --> 00:00:09,110  
welcome to the skeptic zone the podcast

2  
00:00:28,270 --> 00:00:24,400  
hello and welcome to the skeptic zone

3  
00:00:29,800 --> 00:00:28,280  
show number 277 Richard Saunders here

4  
00:00:31,240 --> 00:00:29,810  
with you from Sydney Australia still a

5  
00:00:34,630 --> 00:00:31,250  
little bit under the weather my friends

6  
00:00:36,130 --> 00:00:34,640  
I regret to tell you getting there

7  
00:00:38,370 --> 00:00:36,140  
getting better but the old voice has

8  
00:00:40,690 --> 00:00:38,380  
taken a bit of a hammering can't quite

9  
00:00:43,060 --> 00:00:40,700  
can't quite get it better at the moment

10  
00:00:45,190 --> 00:00:43,070  
still that shouldn't stop me bringing

11  
00:00:46,420 --> 00:00:45,200  
you this week's episode of the skeptic

12  
00:00:49,119 --> 00:00:46,430  
zone we're going to kick off with a

13  
00:00:51,510 --> 00:00:49,129

report which can be found at our website

14

00:00:55,540 --> 00:00:51,520

the Australian skeptics website that is

15

00:00:58,810 --> 00:00:55,550

ww skeptics calm today you the story of

16

00:01:01,720 --> 00:00:58,820

dr. ken harvey resigning from latrobe

17

00:01:04,479 --> 00:01:01,730

university over the deal they have done

18

00:01:06,940 --> 00:01:04,489

with the swiss wellness vitamin company

19

00:01:09,190 --> 00:01:06,950

dr. ken harvey as well known to skeptics

20

00:01:11,290 --> 00:01:09,200

and soon we'll be hearing about he

21

00:01:13,000 --> 00:01:11,300

really stood on his principles and made

22

00:01:15,700 --> 00:01:13,010

what many considered to be the right

23

00:01:17,170 --> 00:01:15,710

move in resigning from the university

24

00:01:19,660 --> 00:01:17,180

over this issue we'll hear more about

25

00:01:22,300 --> 00:01:19,670

that in a report coming up at the top of

26

00:01:24,670 --> 00:01:22,310

the show and then after the break its

27

00:01:27,130 --> 00:01:24,680

Maynard spooky action may nods going to

28

00:01:30,789 --> 00:01:27,140

be chatting to rob burn from rotary all

29

00:01:33,160 --> 00:01:30,799

about the end polio now campaign now Rob

30

00:01:35,469 --> 00:01:33,170

Byrne was a recent guest at skeptics in

31

00:01:38,260 --> 00:01:35,479

the pub and what are entertaining an

32

00:01:40,870 --> 00:01:38,270

interesting thought provoking talk he

33

00:01:45,310 --> 00:01:40,880

gave about rotaries efforts around the

34

00:01:47,529 --> 00:01:45,320

world to rid the world of polio very

35

00:01:49,539 --> 00:01:47,539

encouraging and and what a great talk it

36

00:01:51,490 --> 00:01:49,549

was so we'll be hearing from rod burn

37

00:01:54,190 --> 00:01:51,500

with Maynard then may not church to all

38

00:01:57,670 --> 00:01:54,200

sorts of people at the pub posing a

39

00:02:00,219 --> 00:01:57,680

couple of questions one is how do people

40

00:02:02,830 --> 00:02:00,229

think they would go if they had to do a

41

00:02:08,529 --> 00:02:02,840

bill nighy in other words debate

42

00:02:10,950 --> 00:02:08,539

creationists hmm also he asked what

43

00:02:15,100 --> 00:02:10,960

would take them what would it take you

44

00:02:18,130 --> 00:02:15,110

to leave your job on a matter of

45

00:02:21,160 --> 00:02:18,140

principles and speaking of the Ken Ham

46

00:02:25,690 --> 00:02:21,170

Bill Nye debate just the other day a few

47

00:02:27,400 --> 00:02:25,700

days ago I like many was well to be

48

00:02:30,100 --> 00:02:27,410

honest slightly worried about that is

49

00:02:33,759 --> 00:02:30,110

not a good idea to debate creationist I

50

00:02:34,540 --> 00:02:33,769

think it's generally held that that it's

51

00:02:39,490 --> 00:02:34,550

not a good idea how

52

00:02:40,710 --> 00:02:39,500

I think however despite concerns I think

53

00:02:43,210 --> 00:02:40,720

bill nye did a pretty good job

54

00:02:45,580 --> 00:02:43,220

considering I don't know if you had a

55

00:02:47,830 --> 00:02:45,590

chance to see that debate yet it goes on

56

00:02:50,320 --> 00:02:47,840

for quite a long time I know it's

57

00:02:53,290 --> 00:02:50,330

available on YouTube it's very easy to

58

00:02:56,500 --> 00:02:53,300

find if you just Google bill nye Ken Ham

59

00:02:58,690 --> 00:02:56,510

you'll find it and yeah I think the

60

00:03:02,170 --> 00:02:58,700

general consensus out there is that bill

61

00:03:05,680 --> 00:03:02,180

nye did an okay job whereas many in the

62

00:03:07,840 --> 00:03:05,690

past of difficulty in debating

63

00:03:09,700 --> 00:03:07,850

creationists for many reasons not at

64

00:03:14,290 --> 00:03:09,710

least being things like the Gish gallup

65

00:03:15,850 --> 00:03:14,300

where creationists will present so many

66

00:03:17,890 --> 00:03:15,860

so-called facts it's impossible to

67

00:03:20,980 --> 00:03:17,900

refute them all and this was named after

68

00:03:22,600 --> 00:03:20,990

a very famous creationist too i came to

69

00:03:25,900 --> 00:03:22,610

australia many years ago duane Teague

70

00:03:28,150 --> 00:03:25,910

ish they used to employ this practice

71

00:03:30,240 --> 00:03:28,160

well if I don't stop talking soon I

72

00:03:33,550 --> 00:03:30,250

think my voice will run out altogether

73

00:03:35,950 --> 00:03:33,560

so apologies for the rough voice in my

74

00:03:37,990 --> 00:03:35,960

reports this week and thank you for

75

00:03:39,760 --> 00:03:38,000

Maynard for stepping in and helping me

76

00:03:42,820 --> 00:03:39,770

out later on in the show with Maynard

77

00:03:49,750 --> 00:03:42,830

spooky action so that being said it's

78

00:03:53,949 --> 00:03:49,760

time to run downstairs look for the new

79

00:03:59,560 --> 00:03:53,959

year chicken soup now soda water mmm

80

00:04:02,320 --> 00:03:59,570

root beer me send your suggestions on a

81

00:04:31,040 --> 00:04:02,330

postcard while you're doing that I hope

82

00:04:38,010 --> 00:04:33,990

from the website of Australian skeptics

83

00:04:40,680 --> 00:04:38,020

ww skeptics calm day you can Harvey

84

00:04:42,960 --> 00:04:40,690

quits over Swiss latrobe deal rejected

85

00:04:46,860 --> 00:04:42,970

by other unis published on Tuesday

86

00:04:49,440 --> 00:04:46,870

februari for 2014 and since including

87

00:04:52,080 --> 00:04:49,450

this update the proposed deal between

88

00:04:54,720 --> 00:04:52,090

Swiss wellness and Latrobe University

89

00:04:57,030 --> 00:04:54,730

that led to serial campaigner dr. ken

90

00:04:59,400 --> 00:04:57,040

harvey to resign his position as adjunct

91

00:05:01,230 --> 00:04:59,410

professor at the unis School of Public

92

00:05:03,390 --> 00:05:01,240

Health has apparently run the gamut of

93

00:05:05,970 --> 00:05:03,400

several universities over a lengthy

94

00:05:09,690 --> 00:05:05,980

period of time before finally being

95

00:05:12,060 --> 00:05:09,700

taken up by latrobe Bond University on

96

00:05:15,390 --> 00:05:12,070

the Queensland Gold Coast was approached

97

00:05:18,420 --> 00:05:15,400

about the possible venture in September

98

00:05:20,760 --> 00:05:18,430

2012 before the university rejected it

99

00:05:23,810 --> 00:05:20,770

at least two other universities were

100

00:05:26,610 --> 00:05:23,820

also approached and the offer rejected

101  
00:05:29,490 --> 00:05:26,620  
Harvey's decision has been supported by

102  
00:05:31,890 --> 00:05:29,500  
academics around Australia as well as

103  
00:05:34,650 --> 00:05:31,900  
the Friends of science in medicine and

104  
00:05:37,110 --> 00:05:34,660  
the consumers health form of Australia

105  
00:05:39,060 --> 00:05:37,120  
organizations Marc Methot all as

106  
00:05:43,250 --> 00:05:39,070  
spokesman for the consumer health forum

107  
00:05:46,530 --> 00:05:43,260  
said that latrobe in describing Swiss as

108  
00:05:49,530 --> 00:05:46,540  
Victoria's leading global wellness

109  
00:05:51,870 --> 00:05:49,540  
company quote appears to have fallen for

110  
00:05:54,180 --> 00:05:51,880  
the company's celebrity backed marketing

111  
00:05:56,700 --> 00:05:54,190  
pitch such a statement exposes the

112  
00:05:59,280 --> 00:05:56,710  
university as credulous and naive end

113  
00:06:02,370 --> 00:05:59,290

quote at latrobe Swiss will contribute

114

00:06:04,950 --> 00:06:02,380

15 million dollars to the university

115

00:06:08,100 --> 00:06:04,960

over six years as a founding partner of

116

00:06:12,750 --> 00:06:08,110

a complimentary medicine evidence center

117

00:06:15,210 --> 00:06:12,760

CM EC professor Keith Nugent deputy

118

00:06:18,060 --> 00:06:15,220

vice-chancellor research fuller trobe

119

00:06:21,390 --> 00:06:18,070

said in an announcement late in January

120

00:06:24,300 --> 00:06:21,400

that quote once the sea mcc is

121

00:06:24,839 --> 00:06:24,310

established Swiss will continue to have

122

00:06:26,939 --> 00:06:24,849

its pride

123

00:06:30,389 --> 00:06:26,949

undergo rigorous and independent

124

00:06:32,399 --> 00:06:30,399

scientific assessment and quote Harvey

125

00:06:35,669 --> 00:06:32,409

however has cast doubt on the company's

126  
00:06:38,249 --> 00:06:35,679  
commitment to such assessment quote

127  
00:06:41,159 --> 00:06:38,259  
Swiss is well known for prioritizing the

128  
00:06:43,320 --> 00:06:41,169  
marketing of its products especially by

129  
00:06:45,449 --> 00:06:43,330  
the use of celebrities over their

130  
00:06:47,579 --> 00:06:45,459  
scientific assessment he told the

131  
00:06:50,909 --> 00:06:47,589  
university's vice-chancellor in his

132  
00:06:52,739 --> 00:06:50,919  
letter of resignation quote indeed many

133  
00:06:54,480 --> 00:06:52,749  
of the claims Swiss has made about their

134  
00:06:56,219 --> 00:06:54,490  
products have been judged to have

135  
00:06:59,070 --> 00:06:56,229  
breached the Therapeutic Goods

136  
00:07:02,809 --> 00:06:59,080  
Administration code by the independent

137  
00:07:05,219 --> 00:07:02,819  
complaint resolution panel CRP in quote

138  
00:07:07,259 --> 00:07:05,229

Harvey said that quote many

139

00:07:10,739 --> 00:07:07,269

advertisements claim that Swiss products

140

00:07:13,829 --> 00:07:10,749

were proven clinically proven proven

141

00:07:16,409 --> 00:07:13,839

results scientifically proven clinically

142

00:07:21,119 --> 00:07:16,419

tested with proven results proven in

143

00:07:24,359 --> 00:07:21,129

clinical trials however the CRP quote

144

00:07:26,189 --> 00:07:24,369

noted that most of the study Swiss used

145

00:07:28,290 --> 00:07:26,199

to support these claims were weak in

146

00:07:31,109 --> 00:07:28,300

that they were conducted on a small

147

00:07:33,629 --> 00:07:31,119

number of patients in narrowly defined

148

00:07:35,549 --> 00:07:33,639

groups such as elderly men that are not

149

00:07:38,519 --> 00:07:35,559

representative of the general adult

150

00:07:40,290 --> 00:07:38,529

population to whom the panel considered

151  
00:07:42,809 --> 00:07:40,300  
the television advertisements were

152  
00:07:45,179 --> 00:07:42,819  
addressed none of the eight studies

153  
00:07:47,699 --> 00:07:45,189  
cited supported representations that

154  
00:07:50,850 --> 00:07:47,709  
Swiss products were clinically proven to

155  
00:07:54,029 --> 00:07:50,860  
improve stamina energy general health

156  
00:07:57,239 --> 00:07:54,039  
and well-being or relative fatigue

157  
00:07:59,969 --> 00:07:57,249  
tiredness or stress in the general adult

158  
00:08:02,269 --> 00:07:59,979  
population quote I certainly support

159  
00:08:04,679 --> 00:08:02,279  
more research into the efficacy of

160  
00:08:07,409 --> 00:08:04,689  
complementary medicines and quote Harvey

161  
00:08:10,439 --> 00:08:07,419  
said in his letter quote but in my view

162  
00:08:13,559 --> 00:08:10,449  
it is crucial that the design assessment

163  
00:08:15,779 --> 00:08:13,569

and funding of such research be at arm's

164

00:08:18,449 --> 00:08:15,789

length from a particular company and

165

00:08:24,239 --> 00:08:18,459

overseen by an independent body such as

166

00:08:25,799 --> 00:08:24,249

the aarc and/or NH MRC in quote he

167

00:08:28,529 --> 00:08:25,809

pointed out that industry-sponsored

168

00:08:31,049 --> 00:08:28,539

research were more likely to report

169

00:08:33,809 --> 00:08:31,059

positive outcomes than were trials

170

00:08:36,269 --> 00:08:33,819

funded by other sources quote in

171

00:08:38,519 --> 00:08:36,279

addition contract research for industry

172

00:08:41,069 --> 00:08:38,529

can be specifically designed to

173

00:08:43,889 --> 00:08:41,079

provide a particular result for example

174

00:08:45,869 --> 00:08:43,899

performing a battery of 60 or more tests

175

00:08:47,280 --> 00:08:45,879

of mental functioning while

176

00:08:49,889 --> 00:08:47,290

administrating a multivitamin

177

00:08:52,379 --> 00:08:49,899

preparation is likely to find that one

178

00:08:54,809 --> 00:08:52,389

or two tests will show statistical

179

00:08:57,960 --> 00:08:54,819

significance due to random chance and

180

00:08:59,850 --> 00:08:57,970

quote he suggested that quote one

181

00:09:02,579 --> 00:08:59,860

appropriate mechanism for industry to

182

00:09:04,889 --> 00:09:02,589

assist such research would be for

183

00:09:08,309 --> 00:09:04,899

several companies to partner with one or

184

00:09:12,119 --> 00:09:08,319

more universities in the aarc linkage

185

00:09:13,829 --> 00:09:12,129

grants submission and quote quote I am

186

00:09:16,379 --> 00:09:13,839

concerned that the partnership of

187

00:09:18,269 --> 00:09:16,389

Latrobe University with Swiss wellness

188

00:09:20,549 --> 00:09:18,279

proprietary limited involves a

189

00:09:24,360 --> 00:09:20,559

fundamental conflict of interest both

190

00:09:27,119 --> 00:09:24,370

for the proposed cmec and the staff

191

00:09:29,040 --> 00:09:27,129

involved in addition I am concerned that

192

00:09:31,650 --> 00:09:29,050

this arrangement will impact on the

193

00:09:35,549 --> 00:09:31,660

reputation of the University given the

194

00:09:37,319 --> 00:09:35,559

track record of Swiss and quote he added

195

00:09:39,569 --> 00:09:37,329

that a large number of his colleagues

196

00:09:41,840 --> 00:09:39,579

had raised questions about the

197

00:09:44,699 --> 00:09:41,850

appropriateness of the his ongoing

198

00:09:48,299 --> 00:09:44,709

association with latrobe University

199

00:09:50,549 --> 00:09:48,309

given the arrangements with Swiss quote

200

00:09:53,160 --> 00:09:50,559

taking all the above into account I

201  
00:09:56,150 --> 00:09:53,170  
hereby confirmed my resignation as

202  
00:09:58,619 --> 00:09:56,160  
adjunct associate professor and quote

203  
00:10:00,990 --> 00:09:58,629  
Harvey is well known to skeptics for his

204  
00:10:03,299 --> 00:10:01,000  
ongoing battle both through the

205  
00:10:05,519 --> 00:10:03,309  
Therapeutic Goods Administration over

206  
00:10:07,710 --> 00:10:05,529  
claims made by alt MEDC ump anees in

207  
00:10:10,499 --> 00:10:07,720  
their advertising and promotional

208  
00:10:13,439 --> 00:10:10,509  
material his complaints have all been

209  
00:10:15,720 --> 00:10:13,449  
upheld upon investigation in particular

210  
00:10:18,449 --> 00:10:15,730  
he is known for his fight against the

211  
00:10:20,850 --> 00:10:18,459  
sensor slim company for its claimed

212  
00:10:23,249 --> 00:10:20,860  
weight loss product sensor slim

213  
00:10:25,559 --> 00:10:23,259

notoriously sued Harvey in what is

214

00:10:28,530 --> 00:10:25,569

generally regarded as a slap suit

215

00:10:30,840 --> 00:10:28,540

designed to keep him quiet Harvey fought

216

00:10:33,329 --> 00:10:30,850

back with financial assistance from the

217

00:10:35,790 --> 00:10:33,339

skeptical community by a fundraising

218

00:10:38,579 --> 00:10:35,800

effort initiated by Australian skeptics

219

00:10:40,949 --> 00:10:38,589

he won the case but despite a court

220

00:10:44,489 --> 00:10:40,959

ruling his costs have not been recovered

221

00:10:46,740 --> 00:10:44,499

from census lim ken harvey was the

222

00:10:49,499 --> 00:10:46,750

winner of the Australian skeptics thorny

223

00:10:51,870 --> 00:10:49,509

reward in 2011 and was made a life

224

00:10:57,269 --> 00:10:51,880

member of Australian skeptics in Nova

225

00:11:14,050 --> 00:10:57,279

2013 and that report can be found at ww

226

00:11:16,450 --> 00:11:14,060

skeptics com au welcome to a week in

227

00:11:18,850 --> 00:11:16,460

science from our ions bringing you the

228

00:11:21,160 --> 00:11:18,860

science you need to know at the Sochi

229

00:11:24,100 --> 00:11:21,170

Winter Olympics athletes will compete on

230

00:11:25,900 --> 00:11:24,110

a mountain 600 meters above sea level by

231

00:11:27,640 --> 00:11:25,910

winter olympics standards it's not that

232

00:11:37,690 --> 00:11:27,650

big but they've still been training in

233

00:11:43,340 --> 00:11:40,129

altitude training became really big

234

00:11:46,519 --> 00:11:43,350

after the Mexico City Olympics in 1968

235

00:11:48,560 --> 00:11:46,529

they happened at an altitude of 2,400

236

00:11:50,509 --> 00:11:48,570

meters and athletes who trained to deal

237

00:11:53,210 --> 00:11:50,519

with the height really dominated of

238

00:11:55,430 --> 00:11:53,220

breaking all kinds records atmospheric

239

00:11:57,170 --> 00:11:55,440

pressure decreases at high altitudes

240

00:11:59,569 --> 00:11:57,180

which basically means that the air

241

00:12:01,670 --> 00:11:59,579

becomes thinner the molecules are spaced

242

00:12:04,639 --> 00:12:01,680

further apart meaning that every breath

243

00:12:06,230 --> 00:12:04,649

you take contains less oxygen this means

244

00:12:08,600 --> 00:12:06,240

that your body has to work a lot harder

245

00:12:11,120 --> 00:12:08,610

to get the same amount of oxygen to all

246

00:12:13,129 --> 00:12:11,130

your muscles and organs researchers

247

00:12:16,069 --> 00:12:13,139

estimate that you work twenty percent

248

00:12:17,840 --> 00:12:16,079

harder at 3000 meters altitude as your

249

00:12:20,300 --> 00:12:17,850

heart rate increases and you breathe

250

00:12:21,980 --> 00:12:20,310

faster so it's no surprise that athletes

251  
00:12:25,819 --> 00:12:21,990  
will climate eyes to this elevation

252  
00:12:27,410 --> 00:12:25,829  
perform better there are a couple of

253  
00:12:29,750 --> 00:12:27,420  
different ways that you can train for

254  
00:12:31,939 --> 00:12:29,760  
competing at high altitude one famous

255  
00:12:34,550 --> 00:12:31,949  
study tested three different training

256  
00:12:36,829 --> 00:12:34,560  
regimes the first regime was trained low

257  
00:12:39,560 --> 00:12:36,839  
live high where athletes trained at a

258  
00:12:42,079 --> 00:12:39,570  
normal elevation but slept and lived at

259  
00:12:44,900 --> 00:12:42,089  
high altitude the second group trained

260  
00:12:47,269 --> 00:12:44,910  
and lived at high altitudes while the

261  
00:12:49,430 --> 00:12:47,279  
last group lived and trained at a normal

262  
00:12:51,790 --> 00:12:49,440  
level they were basically the control

263  
00:12:54,620 --> 00:12:51,800

group the athletes in the high altitude

264

00:12:56,900 --> 00:12:54,630

regimes both showed an increase in red

265

00:13:00,439 --> 00:12:56,910

blood cells to carry more oxygen around

266

00:13:02,780 --> 00:13:00,449

their bodies but only the trainload live

267

00:13:05,210 --> 00:13:02,790

high group improves their running times

268

00:13:07,310 --> 00:13:05,220

many sporting facilities like the

269

00:13:09,560 --> 00:13:07,320

Australian Institute of Sport have

270

00:13:12,019 --> 00:13:09,570

special low oxygen homes where athletes

271

00:13:15,050 --> 00:13:12,029

can live and sleep you're listening to a

272

00:13:18,300 --> 00:13:15,060

week in science from our AOS and now for

273

00:13:21,550 --> 00:13:18,310

winter sports science facts

274

00:13:23,829 --> 00:13:21,560

winter athletes inhale up to 100 liters

275

00:13:25,780 --> 00:13:23,839

per minute of cold air and have a higher

276

00:13:28,870 --> 00:13:25,790

prevalence of respiratory problems

277

00:13:30,910 --> 00:13:28,880

including asthma a downside of altitude

278

00:13:33,180 --> 00:13:30,920

training is that athletes sleep worse

279

00:13:35,740 --> 00:13:33,190

and may have a weakened immune system

280

00:13:38,139 --> 00:13:35,750

aerodynamics is hugely important in many

281

00:13:40,480 --> 00:13:38,149

winter sports ski jumpers hold their

282

00:13:43,180 --> 00:13:40,490

bodies at precise angles to generate

283

00:13:45,939 --> 00:13:43,190

lift cross country skiing is one of the

284

00:13:48,220 --> 00:13:45,949

most energy-intensive sports with skiers

285

00:13:53,559 --> 00:13:48,230

displaying some of the highest oxygen

286

00:13:55,689 --> 00:13:53,569

capacities vo2 max ever recorded that's

287

00:13:57,610 --> 00:13:55,699

it for this week in science for more

288

00:14:01,449 --> 00:13:57,620

information about winter sports science

289

00:14:03,850 --> 00:14:01,459

check out our website are I aus org dot

290

00:14:06,430 --> 00:14:03,860

a you follow us on Twitter and like us

291

00:14:11,889 --> 00:14:06,440

on facebook i'm karen green and we'll

292

00:14:14,170 --> 00:14:11,899

catch you next week hello there this is

293

00:14:15,759 --> 00:14:14,180

dusty springfield is some hideous hour

294

00:14:17,499 --> 00:14:15,769

of the morning in England and I really

295

00:14:18,819 --> 00:14:17,509

resent may not calling me at this time

296

00:14:20,860 --> 00:14:18,829

of the morning I've had eight cups of

297

00:14:22,870 --> 00:14:20,870

coffee and I feel really lousy and I'm

298

00:14:24,819 --> 00:14:22,880

totally do real Wally and I tell you I

299

00:14:26,319 --> 00:14:24,829

have to agree with that I've only known

300

00:14:27,730 --> 00:14:26,329

him for eight minutes and he strikes me

301  
00:14:29,590 --> 00:14:27,740  
as being the biggest whirling I've ever

302  
00:14:30,819 --> 00:14:29,600  
known it in my life but anyway you

303  
00:14:38,199 --> 00:14:30,829  
better listen to him because he plays

304  
00:14:42,380 --> 00:14:38,209  
good record here's my not spooky action

305  
00:14:46,010 --> 00:14:42,390  
at the distance

306  
00:14:48,110 --> 00:14:46,020  
oh no no look I'm here in an alcove it's

307  
00:14:50,180 --> 00:14:48,120  
skeptics in the pub Sydney here with Rob

308  
00:14:52,640 --> 00:14:50,190  
what rubble little boy you've got a huge

309  
00:14:54,560 --> 00:14:52,650  
Rotarian nametag there what's it say it

310  
00:14:57,050 --> 00:14:54,570  
says Rob burn and I'm from the Rotary

311  
00:14:59,570 --> 00:14:57,060  
Club of tera mera and I'm the polio

312  
00:15:01,460 --> 00:14:59,580  
chair for this part of Sydney was that

313  
00:15:03,050 --> 00:15:01,470

it was a big competition to get that

314

00:15:04,640 --> 00:15:03,060

chair is it a tough one I mean did a lot

315

00:15:05,990 --> 00:15:04,650

of people want to really hit that have

316

00:15:08,150 --> 00:15:06,000

you done that for years and you're the

317

00:15:11,200 --> 00:15:08,160

guy who's a guy go-to guy I basically

318

00:15:13,580 --> 00:15:11,210

didn't step back fast enough main idea

319

00:15:16,700 --> 00:15:13,590

okay you were saying how a Rotarian czar

320

00:15:17,930 --> 00:15:16,710

into eliminating polio and and you had

321

00:15:20,120 --> 00:15:17,940

an influence of that early in your

322

00:15:22,820 --> 00:15:20,130

childhood why is that one disease the

323

00:15:24,800 --> 00:15:22,830

one they they picked well there's a long

324

00:15:27,320 --> 00:15:24,810

history to that and it's one which I've

325

00:15:29,780 --> 00:15:27,330

been researching lately and basically I

326

00:15:33,440 --> 00:15:29,790

think the situation was back in the late

327

00:15:36,380 --> 00:15:33,450

70s we were pretty pleased with the fact

328

00:15:38,240 --> 00:15:36,390

that smallpox had been eradicated and

329

00:15:41,240 --> 00:15:38,250

there was a lot of thought about well

330

00:15:43,280 --> 00:15:41,250

what which disease might be next and you

331

00:15:45,470 --> 00:15:43,290

look at the characteristics of polio

332

00:15:48,050 --> 00:15:45,480

which is a virus borne disease which

333

00:15:51,080 --> 00:15:48,060

only exists in humans no other animals

334

00:15:54,590 --> 00:15:51,090

and it is a disease which absolutely can

335

00:15:56,810 --> 00:15:54,600

be eradicated provided we have the right

336

00:15:58,730 --> 00:15:56,820

tools and we do we have the right tools

337

00:16:01,520 --> 00:15:58,740

that were invented back in the 50s in

338

00:16:03,800 --> 00:16:01,530

the form of vaccines and so these

339

00:16:06,140 --> 00:16:03,810

vaccines have been unbelievably

340

00:16:08,470 --> 00:16:06,150

effective to that point they are

341

00:16:11,480 --> 00:16:08,480

unbelievably effective in the West and

342

00:16:13,520 --> 00:16:11,490

rotary which is an organization which

343

00:16:17,060 --> 00:16:13,530

believes in taking care of individuals

344

00:16:18,830 --> 00:16:17,070

in the communities felt we should have

345

00:16:21,260 --> 00:16:18,840

that same sort of success in other

346

00:16:25,160 --> 00:16:21,270

countries which can't really afford the

347

00:16:26,870 --> 00:16:25,170

vaccines like we can so rotary initiated

348

00:16:29,390 --> 00:16:26,880

a project initially in the Philippines

349

00:16:31,340 --> 00:16:29,400

actually and that was in the late 70s

350

00:16:33,800 --> 00:16:31,350

and then in the mid 80s started a

351

00:16:36,050 --> 00:16:33,810

worldwide push called polio plus and

352

00:16:38,330 --> 00:16:36,060

then in 1988 will

353

00:16:41,900 --> 00:16:38,340

joined by the World Health Organization

354

00:16:45,650 --> 00:16:41,910

and others and it's become by far the

355

00:16:47,900 --> 00:16:45,660

biggest public health project the world

356

00:16:49,040 --> 00:16:47,910

has ever seen and where does it come

357

00:16:51,530 --> 00:16:49,050

from it's carried through the human

358

00:16:52,970 --> 00:16:51,540

digestive system and most people carry

359

00:16:56,270 --> 00:16:52,980

it without knowing it is that correct

360

00:16:58,490 --> 00:16:56,280

that is correct yeah but the the virus

361

00:17:01,240 --> 00:16:58,500

usually just passes harmlessly through

362

00:17:04,040 --> 00:17:01,250

the system the bed that's the good news

363

00:17:08,420 --> 00:17:04,050

only about one in 200 people who have

364

00:17:12,650 --> 00:17:08,430

the virus in their system are paralyzed

365

00:17:16,730 --> 00:17:12,660

by the by the virus however all of those

366

00:17:18,350 --> 00:17:16,740

200 people contagious like they don't

367

00:17:19,580 --> 00:17:18,360

know that they've got the virus they

368

00:17:21,560 --> 00:17:19,590

have no way of knowing they've got the

369

00:17:23,060 --> 00:17:21,570

virus but they are contagious just as

370

00:17:25,610 --> 00:17:23,070

contagious as the person has been

371

00:17:28,280 --> 00:17:25,620

paralyzed so it's a tough tough disease

372

00:17:30,710 --> 00:17:28,290

to get rid of because of that factor and

373

00:17:32,480 --> 00:17:30,720

a major factor is people not washing

374

00:17:34,280 --> 00:17:32,490

their hands too and I imagine ever since

375

00:17:35,870 --> 00:17:34,290

the 50s there's been a huge wash your

376

00:17:39,440 --> 00:17:35,880

hands campaign in worldwide oh

377

00:17:41,870 --> 00:17:39,450

absolutely I can I I'm baby of the 50s

378

00:17:45,260 --> 00:17:41,880

and I remember very very clearly my

379

00:17:47,240 --> 00:17:45,270

mother just being very emphatic about

380

00:17:49,850 --> 00:17:47,250

washing your hands washing your hands

381

00:17:52,340 --> 00:17:49,860

and that is the vector as they say

382

00:17:54,500 --> 00:17:52,350

that's how the disease is transmitted

383

00:17:56,360 --> 00:17:54,510

from one person to another 30 must drive

384

00:17:58,370 --> 00:17:56,370

you crazy when you go to a pub like we

385

00:17:59,720 --> 00:17:58,380

all do and you see so many guys walking

386

00:18:02,720 --> 00:17:59,730

out without washing their hands you feel

387

00:18:05,570 --> 00:18:02,730

like what let's go yet oh yeah yeah well

388

00:18:08,420 --> 00:18:05,580

I gotta say it is primarily fecal matter

389

00:18:11,150 --> 00:18:08,430

right okay yes which is the issue but

390

00:18:12,980 --> 00:18:11,160

yes that is a huge concern and it's

391

00:18:15,170 --> 00:18:12,990

something which we need to lift our game

392

00:18:16,880 --> 00:18:15,180

on yeah yep so guys lift your game and

393

00:18:18,650 --> 00:18:16,890

women I know some of you aren't wash in

394

00:18:20,690 --> 00:18:18,660

your hand either you know they don't get

395

00:18:22,160 --> 00:18:20,700

away scot-free so what is the big

396

00:18:24,200 --> 00:18:22,170

initiative what's what probably that the

397

00:18:27,460 --> 00:18:24,210

silver bullet that come with the magic

398

00:18:30,620 --> 00:18:27,470

book that will wipe out polio well the

399

00:18:34,370 --> 00:18:30,630

thing which we really really need is

400

00:18:37,610 --> 00:18:34,380

more funding the we are short on funds

401  
00:18:39,890 --> 00:18:37,620  
to finish the job and it's

402  
00:18:43,190 --> 00:18:39,900  
we're talking vast amounts of money that

403  
00:18:46,880 --> 00:18:43,200  
have been spent already about 10 billion

404  
00:18:49,580 --> 00:18:46,890  
dollars and over the next six years we

405  
00:18:51,170 --> 00:18:49,590  
need to spend another five so it's it's

406  
00:18:54,530 --> 00:18:51,180  
a vast amount of money we need to find

407  
00:18:56,650 --> 00:18:54,540  
and basically every penny helps you've

408  
00:18:58,970 --> 00:18:56,660  
got a huge problem with vaccination in

409  
00:19:00,890 --> 00:18:58,980  
Afghanistan for example where where aid

410  
00:19:02,890 --> 00:19:00,900  
workers that are in on vaccination

411  
00:19:07,970 --> 00:19:02,900  
programs are actually been killed yes

412  
00:19:09,740 --> 00:19:07,980  
Pakistan it's it's a tragedy the we call

413  
00:19:13,010 --> 00:19:09,750

them the polio heroes these are the

414

00:19:15,070 --> 00:19:13,020

people who voluntarily go out risking

415

00:19:17,210 --> 00:19:15,080

their lives because there are some

416

00:19:21,080 --> 00:19:17,220

misguided people out there who believe

417

00:19:24,980 --> 00:19:21,090

that vaccination is some sort of demonic

418

00:19:26,750 --> 00:19:24,990

sort of a I think it's a tool of the

419

00:19:28,700 --> 00:19:26,760

West is that the way it comes across or

420

00:19:30,830 --> 00:19:28,710

is it a religious thing it's a little

421

00:19:34,790 --> 00:19:30,840

bit of both a tool of the west and the

422

00:19:36,620 --> 00:19:34,800

tool of the devil i mean you mean you

423

00:19:38,210 --> 00:19:36,630

can sort of understand this you know

424

00:19:42,020 --> 00:19:38,220

there are people who don't have the same

425

00:19:43,880 --> 00:19:42,030

sort of educational opportunities but we

426  
00:19:46,820 --> 00:19:43,890  
are getting to those people we sit down

427  
00:19:49,610 --> 00:19:46,830  
with them we explain how much progress

428  
00:19:52,490 --> 00:19:49,620  
that we've made we explain why the

429  
00:19:53,780 --> 00:19:52,500  
disease has gone away in other areas and

430  
00:19:56,320 --> 00:19:53,790  
why their children is still getting

431  
00:19:58,970 --> 00:19:56,330  
paralyzed and the penny drops

432  
00:20:01,010 --> 00:19:58,980  
consistently one area after another

433  
00:20:03,500 --> 00:20:01,020  
where we go and talk to them the penny

434  
00:20:05,120 --> 00:20:03,510  
drops and the religious leaders very

435  
00:20:08,060 --> 00:20:05,130  
frequently turn into our biggest

436  
00:20:10,070 --> 00:20:08,070  
advocates yeah so you know that that is

437  
00:20:11,540 --> 00:20:10,080  
a big turnaround in most cases and

438  
00:20:13,010 --> 00:20:11,550

you're here talking to us tonight what's

439

00:20:16,730 --> 00:20:13,020

the what can we do on the local level

440

00:20:19,610 --> 00:20:16,740

well I think that's you know polio is a

441

00:20:21,710 --> 00:20:19,620

disease which is very much invisible

442

00:20:23,390 --> 00:20:21,720

these days we haven't seen a case yeah

443

00:20:25,010 --> 00:20:23,400

in Australia when was the last case Oh

444

00:20:28,580 --> 00:20:25,020

in the back in the back in the night is

445

00:20:31,070 --> 00:20:28,590

well and back into the 90s and so when

446

00:20:32,840 --> 00:20:31,080

the disease is invisible like like polio

447

00:20:35,270 --> 00:20:32,850

is now people really don't even know

448

00:20:38,330 --> 00:20:35,280

what it is it's difficult to maintain

449

00:20:40,310 --> 00:20:38,340

the momentum in terms of the funding but

450

00:20:42,440 --> 00:20:40,320

there's people like me who had friends

451  
00:20:45,470 --> 00:20:42,450  
who were paralyzed by this disease who

452  
00:20:45,900 --> 00:20:45,480  
remember just how hideous this disease

453  
00:20:53,100 --> 00:20:45,910  
is

454  
00:20:55,230 --> 00:20:53,110  
know paralyzed either in their limbs or

455  
00:20:58,620 --> 00:20:55,240  
in their lungs or they lose the ability

456  
00:21:01,740 --> 00:20:58,630  
even to swallow it's a it's a cruel

457  
00:21:03,810 --> 00:21:01,750  
disease and it's the bad news is that

458  
00:21:07,230 --> 00:21:03,820  
the World Health Organization has said

459  
00:21:10,110 --> 00:21:07,240  
categorically that if we drop the ball

460  
00:21:11,910 --> 00:21:10,120  
now with vaccination we will go back to

461  
00:21:14,280 --> 00:21:11,920  
the bad old days with hundreds of

462  
00:21:18,420 --> 00:21:14,290  
thousands of kids once again getting

463  
00:21:21,450 --> 00:21:18,430

polio and frankly it's just too awful a

464

00:21:23,190 --> 00:21:21,460

thought to contemplate and if so forget

465

00:21:26,040 --> 00:21:23,200

to get the chance basically donate

466

00:21:28,560 --> 00:21:26,050

donate yes and talk about how important

467

00:21:30,330 --> 00:21:28,570

it is now can you see yourself getting

468

00:21:31,920 --> 00:21:30,340

out there and running a chocolate wheel

469

00:21:33,540 --> 00:21:31,930

on the back of a truck in Pakistan at

470

00:21:35,370 --> 00:21:33,550

some stage it happens all the time

471

00:21:37,230 --> 00:21:35,380

around newcastle where I ever all you

472

00:21:39,990 --> 00:21:37,240

guys should do that I would love to get

473

00:21:41,930 --> 00:21:40,000

to Pakistan or Nigeria or somewhere like

474

00:21:44,490 --> 00:21:41,940

that and play my part on the ground

475

00:21:46,290 --> 00:21:44,500

absolutely if you haven't seen a

476

00:21:48,060 --> 00:21:46,300

Rotarian chocolate wheel on a Saturday

477

00:21:50,070 --> 00:21:48,070

afternoon a school fete it's a wonderful

478

00:21:53,040 --> 00:21:50,080

thing it is a thing of wonder isn't it

479

00:21:55,140 --> 00:21:53,050

it's Australian legendary site yes and a

480

00:21:56,460 --> 00:21:55,150

burn thank you for your time tonight and

481

00:21:58,500 --> 00:21:56,470

good luck in your fight and like I say

482

00:22:02,040 --> 00:21:58,510

people donate thank you very much and by

483

00:22:04,080 --> 00:22:02,050

the way rotary org is the place to go ok

484

00:22:06,840 --> 00:22:04,090

judo Ben who we're here we're here but

485

00:22:08,460 --> 00:22:06,850

who could happen hey hey did you get my

486

00:22:11,100 --> 00:22:08,470

first of all before we tell i've been on

487

00:22:12,990 --> 00:22:11,110

on the case of the lucas machine which i

488

00:22:14,250 --> 00:22:13,000

think is a very exciting device and i

489

00:22:17,550 --> 00:22:14,260

said you an email about that what did

490

00:22:19,230 --> 00:22:17,560

you think about that did you oh i sent

491

00:22:22,980 --> 00:22:19,240

you an email about Lucas machine which

492

00:22:25,140 --> 00:22:22,990

is the mechanical chest compression

493

00:22:27,480 --> 00:22:25,150

device used by emergency services

494

00:22:30,150 --> 00:22:27,490

sometimes in the States but to England

495

00:22:31,920 --> 00:22:30,160

yeah and and I've spoken to a fuel

496

00:22:34,080 --> 00:22:31,930

emergency departments in Australia and

497

00:22:35,430 --> 00:22:34,090

and they feel that they don't need it

498

00:22:37,260 --> 00:22:35,440

because they've got people that can do

499

00:22:38,460 --> 00:22:37,270

that and that's certainly true and the

500

00:22:39,690 --> 00:22:38,470

health budget is something you don't

501  
00:22:41,100 --> 00:22:39,700  
want to stretch too much what do you

502  
00:22:43,290 --> 00:22:41,110  
feel about a mechanical chest

503  
00:22:44,760 --> 00:22:43,300  
compression device well people are very

504  
00:22:47,610 --> 00:22:44,770  
good at giving chest compressions

505  
00:22:50,430 --> 00:22:47,620  
because they're extremely tiring and if

506  
00:22:51,630 --> 00:22:50,440  
you can't sing the Bee Gees song staying

507  
00:22:53,910 --> 00:22:51,640  
alive in your head

508  
00:22:56,370 --> 00:22:53,920  
and keep up the pace of 100 beats per

509  
00:22:58,260 --> 00:22:56,380  
minute well we all know that well we

510  
00:23:00,540 --> 00:22:58,270  
don't all know but chest compressions

511  
00:23:03,390 --> 00:23:00,550  
chest compressions are now known to be

512  
00:23:04,410 --> 00:23:03,400  
the most effective way of giving CPR so

513  
00:23:06,150 --> 00:23:04,420

I figure out you have a chest

514

00:23:08,820 --> 00:23:06,160

compression device that could do that

515

00:23:11,880 --> 00:23:08,830

well that could be pretty good but my

516

00:23:14,370 --> 00:23:11,890

concern is how are you going to have it

517

00:23:15,810 --> 00:23:14,380

available quickly enough and put it in

518

00:23:18,330 --> 00:23:15,820

plate I mean I haven't seen the device

519

00:23:20,310 --> 00:23:18,340

so the time that you're taking to sort

520

00:23:21,990 --> 00:23:20,320

of connect this thing up and oh you're

521

00:23:24,600 --> 00:23:22,000

losing valuable compression time yeah

522

00:23:26,850 --> 00:23:24,610

well where I have seen it and I want to

523

00:23:29,460 --> 00:23:26,860

point listeners to this is there's a few

524

00:23:31,830 --> 00:23:29,470

different demonstrations online in the

525

00:23:33,300 --> 00:23:31,840

UK I think if there is a strain

526

00:23:35,970 --> 00:23:33,310

distributor on it and they show it but

527

00:23:37,830 --> 00:23:35,980

emergency services have it I imagine if

528

00:23:39,300 --> 00:23:37,840

it was a two-person paramedic team if

529

00:23:42,050 --> 00:23:39,310

one person was doing some compressions

530

00:23:45,180 --> 00:23:42,060

while the other person put it in place

531

00:23:47,670 --> 00:23:45,190

okay okay it looks like a semicircle

532

00:23:49,770 --> 00:23:47,680

that goes around the patient and

533

00:23:51,300 --> 00:23:49,780

underneath it sometimes you can strap

534

00:23:52,470 --> 00:23:51,310

the patient's arms to the side of it so

535

00:23:54,480 --> 00:23:52,480

they don't flail around get in the way

536

00:23:57,180 --> 00:23:54,490

and it's like a plunger that goes down

537

00:23:58,710 --> 00:23:57,190

on the chest yep yeah and I thought I

538

00:24:01,380 --> 00:23:58,720

think it also has some incubation as

539

00:24:03,660 --> 00:24:01,390

well good actually worked very easy and

540

00:24:05,730 --> 00:24:03,670

is what got my attention was that I was

541

00:24:08,250 --> 00:24:05,740

listening to a near death experience

542

00:24:11,010 --> 00:24:08,260

chat actually and they were saying that

543

00:24:13,260 --> 00:24:11,020

and this is a case where a clear case

544

00:24:14,490 --> 00:24:13,270

for this use would be someone wasn't

545

00:24:15,930 --> 00:24:14,500

feeling well they went into the

546

00:24:18,090 --> 00:24:15,940

emergency room at a hospital they were

547

00:24:19,980 --> 00:24:18,100

40 year old male and they had a heart

548

00:24:22,730 --> 00:24:19,990

attack in the emergency room they put

549

00:24:25,620 --> 00:24:22,740

them on this device for three hours now

550

00:24:26,880 --> 00:24:25,630

immediately I'm thinking human couldn't

551  
00:24:29,430 --> 00:24:26,890  
do chest compressions for three hours

552  
00:24:31,290 --> 00:24:29,440  
but also would you normally want to do

553  
00:24:32,550 --> 00:24:31,300  
that and yet and then suddenly their

554  
00:24:34,830 --> 00:24:32,560  
heart started and they walked out a

555  
00:24:36,570 --> 00:24:34,840  
hospital two days later so this actually

556  
00:24:38,550 --> 00:24:36,580  
happened this actually happened New York

557  
00:24:40,470 --> 00:24:38,560  
can take a forty-year-old cab drive in

558  
00:24:42,660 --> 00:24:40,480  
New York they were using this device in

559  
00:24:45,000 --> 00:24:42,670  
the emergency they had it there as a

560  
00:24:46,980 --> 00:24:45,010  
device this guy killed over heart

561  
00:24:48,630 --> 00:24:46,990  
stopped in in the emergency room and

562  
00:24:49,890 --> 00:24:48,640  
they put them on the device and the

563  
00:24:51,420 --> 00:24:49,900

thing is they kept them on for three

564

00:24:53,130 --> 00:24:51,430

hours so if you have a device that can

565

00:24:54,690 --> 00:24:53,140

do this how do you know when to stop

566

00:24:56,770 --> 00:24:54,700

that's what the sig there's also an

567

00:24:58,750 --> 00:24:56,780

ethical implications

568

00:25:01,180 --> 00:24:58,760

you know where to stop because when

569

00:25:03,430 --> 00:25:01,190

you're doing CPR you're monitoring the

570

00:25:04,990 --> 00:25:03,440

patient's heart rate if you're doing it

571

00:25:06,700 --> 00:25:05,000

in a clinical environment which you

572

00:25:08,530 --> 00:25:06,710

would be an emergency you would actually

573

00:25:11,500 --> 00:25:08,540

have them strapped up to little

574

00:25:14,380 --> 00:25:11,510

electrodes that would be reading the me

575

00:25:17,290 --> 00:25:14,390

Hartman and and you actually do stop

576

00:25:19,240 --> 00:25:17,300

very very briefly to check I you get the

577

00:25:21,040 --> 00:25:19,250

machine doesn't giving them adrenaline

578

00:25:22,990 --> 00:25:21,050

and you know it's not like when you're

579

00:25:26,110 --> 00:25:23,000

at the street all you can really do is

580

00:25:28,120 --> 00:25:26,120

just you know Chris the hot so if

581

00:25:29,620 --> 00:25:28,130

they're using it in this context then

582

00:25:31,390 --> 00:25:29,630

there must have been some evidence

583

00:25:32,800 --> 00:25:31,400

behind it for them to have started using

584

00:25:34,810 --> 00:25:32,810

it they can't you can't just walk into a

585

00:25:36,670 --> 00:25:34,820

hospital and site using a device without

586

00:25:39,490 --> 00:25:36,680

there being any evidence yes but yeah

587

00:25:41,020 --> 00:25:39,500

yeah I'm just that's why I'm wondering

588

00:25:42,490 --> 00:25:41,030

more about the advisement but let me

589

00:25:44,110 --> 00:25:42,500

tell you so sorry that I haven't read

590

00:25:46,450 --> 00:25:44,120

your email problem because now I have to

591

00:25:49,390 --> 00:25:46,460

look into it because the head of the

592

00:25:51,640 --> 00:25:49,400

emergency department at Newcastle's said

593

00:25:52,870 --> 00:25:51,650

that you know but they said they have

594

00:25:54,820 --> 00:25:52,880

people to do that and I think that's a

595

00:25:56,680 --> 00:25:54,830

perfectly adequate response if you've

596

00:25:59,740 --> 00:25:56,690

ever had to give complete look we all

597

00:26:02,710 --> 00:25:59,750

have to do CPR training every year as

598

00:26:04,890 --> 00:26:02,720

medical people and I can tell you now

599

00:26:07,000 --> 00:26:04,900

that just doing it for a minute is

600

00:26:08,920 --> 00:26:07,010

exhausting so there was a way to get

601  
00:26:11,800 --> 00:26:08,930  
something who could do it for us and do

602  
00:26:13,240 --> 00:26:11,810  
it effectively sign me up but I'm also

603  
00:26:14,650 --> 00:26:13,250  
thinking from the head of an emergency

604  
00:26:15,940 --> 00:26:14,660  
department you're also going to slice up

605  
00:26:17,140 --> 00:26:15,950  
your budget different ways so if you

606  
00:26:18,490 --> 00:26:17,150  
spend money on a machine like this

607  
00:26:22,630 --> 00:26:18,500  
that's something you can't spend on

608  
00:26:25,360 --> 00:26:22,640  
something else long term so if you're

609  
00:26:27,160 --> 00:26:25,370  
able to if the device that this is

610  
00:26:29,560 --> 00:26:27,170  
effective but it's not proven in this

611  
00:26:31,300 --> 00:26:29,570  
country no but if it is demonstrated to

612  
00:26:34,090 --> 00:26:31,310  
be effective it would have to first of

613  
00:26:35,530 --> 00:26:34,100

all go through it beauty Goods

614

00:26:36,370 --> 00:26:35,540

Administration has to be registered with

615

00:26:39,779 --> 00:26:36,380

the Therapeutic Goods Administration

616

00:26:41,609 --> 00:26:39,789

that's what I was told absolutely and

617

00:26:44,129 --> 00:26:41,619

is that if there is evidence to support

618

00:26:46,409 --> 00:26:44,139

it and then they buy it you kind of have

619

00:26:49,320 --> 00:26:46,419

to think of the long-term costs so the

620

00:26:51,419 --> 00:26:49,330

cost on the health system of sort of you

621

00:26:53,580 --> 00:26:51,429

know looking after an unwell patient

622

00:26:55,680 --> 00:26:53,590

versus the cost of actually being able

623

00:26:57,239 --> 00:26:55,690

to rescue a patient without significant

624

00:26:58,859 --> 00:26:57,249

damage to their how there's lots of kind

625

00:27:02,759 --> 00:26:58,869

of health economics things around that

626

00:27:03,899 --> 00:27:02,769

kind of stuff here yes you might be

627

00:27:06,599 --> 00:27:03,909

interested to know because this just

628

00:27:10,440 --> 00:27:06,609

reminds him many many years ago when I

629

00:27:12,119 --> 00:27:10,450

was working in London I got ya I was

630

00:27:13,649 --> 00:27:12,129

quite a young young little nurse at the

631

00:27:18,359 --> 00:27:13,659

time without a huge amount of experience

632

00:27:21,899 --> 00:27:18,369

and I got a job just you know for a few

633

00:27:24,089 --> 00:27:21,909

months as a sort of trial clinical trial

634

00:27:27,119 --> 00:27:24,099

sort of research nurse for something

635

00:27:30,330 --> 00:27:27,129

called external counterpulsation and

636

00:27:32,969 --> 00:27:30,340

what this is is they get these like

637

00:27:34,769 --> 00:27:32,979

these cuffs velcro cuffs and they strap

638

00:27:37,190 --> 00:27:34,779

it around your carbs and around your

639

00:27:39,690 --> 00:27:37,200

thighs and around your abdomen and it

640

00:27:41,879 --> 00:27:39,700

pulses and sort of squeezes and the

641

00:27:43,649 --> 00:27:41,889

whole body gets kind of squeezed and the

642

00:27:47,099 --> 00:27:43,659

idea behind it was that it was supposed

643

00:27:48,659 --> 00:27:47,109

to help people who had angina now I have

644

00:27:51,389 --> 00:27:48,669

a strong suspicion that it was

645

00:27:54,180 --> 00:27:51,399

completely hmm but I haven't gone back

646

00:27:55,619 --> 00:27:54,190

and checked up that being said if you

647

00:27:57,659 --> 00:27:55,629

ever want to go online and look up

648

00:27:59,249 --> 00:27:57,669

external counterpulsation and find some

649

00:28:01,739 --> 00:27:59,259

videos of people strapped in very

650

00:28:03,960 --> 00:28:01,749

strange medical devices look that one up

651  
00:28:05,999 --> 00:28:03,970  
it seems to me like that would be for

652  
00:28:07,799 --> 00:28:06,009  
peripheral circulation no it's actually

653  
00:28:09,839 --> 00:28:07,809  
that the idea behind it was that it's

654  
00:28:14,009 --> 00:28:09,849  
somehow did something to the diastolic

655  
00:28:15,899 --> 00:28:14,019  
blood pressure and people who had what

656  
00:28:18,659 --> 00:28:15,909  
they called refractory angina which is

657  
00:28:21,359 --> 00:28:18,669  
angina or chest pain that is resistant

658  
00:28:23,039 --> 00:28:21,369  
to medical treatment otherwise that it

659  
00:28:25,019 --> 00:28:23,049  
was supposed to actually reduce their

660  
00:28:26,879 --> 00:28:25,029  
use of medication I think it had a

661  
00:28:28,049 --> 00:28:26,889  
strong placebo effect because the fact

662  
00:28:29,669 --> 00:28:28,059  
that I was sitting in the room with the

663  
00:28:30,899 --> 00:28:29,679

patient for about three hours while they

664

00:28:32,940 --> 00:28:30,909

were strapped to this machine and it

665

00:28:34,669 --> 00:28:32,950

also knows the white coat effect like oh

666

00:28:37,080 --> 00:28:34,679

well no the white coat effect actually

667

00:28:38,250 --> 00:28:37,090

generally has the opposite effect a part

668

00:28:39,720 --> 00:28:38,260

of as a

669

00:28:41,580 --> 00:28:39,730

sebo effects of people's blood pressure

670

00:28:43,590 --> 00:28:41,590

goes up when they see someone in a white

671

00:28:45,990 --> 00:28:43,600

coat okay by the way I have my blood

672

00:28:48,810 --> 00:28:46,000

pressure done this week 110 over 65 has

673

00:28:51,150 --> 00:28:48,820

a very good blood pressure not tulo is

674

00:28:53,370 --> 00:28:51,160

it I'm not too shabby I should no no

675

00:28:55,440 --> 00:28:53,380

that's pretty good good okay well I'll

676

00:28:57,930 --> 00:28:55,450

go and do something with it nice juicy

677

00:28:59,400 --> 00:28:57,940

steak now if you were to bait if you

678

00:29:01,710 --> 00:28:59,410

were to debate like Bill Nye did this

679

00:29:07,590 --> 00:29:01,720

week a young earth creationist do reckon

680

00:29:10,740 --> 00:29:07,600

you could take them on see they tend to

681

00:29:13,500 --> 00:29:10,750

dish Gallup and because it's not my area

682

00:29:15,680 --> 00:29:13,510

of expertise I reckon I'd end up finding

683

00:29:18,720 --> 00:29:15,690

myself on stage looking a little bit

684

00:29:20,880 --> 00:29:18,730

worse for wear okay look also in the

685

00:29:22,220 --> 00:29:20,890

news this week we had ken harvey resign

686

00:29:25,110 --> 00:29:22,230

because of how he felt about his

687

00:29:27,720 --> 00:29:25,120

university's conduct what would make you

688

00:29:29,430 --> 00:29:27,730

resign from your job any job like what

689

00:29:30,930 --> 00:29:29,440

you go that's it you can take this job

690

00:29:34,290 --> 00:29:30,940

and and shove shove it up your

691

00:29:37,800 --> 00:29:34,300

cerebellum because i work in clinical

692

00:29:40,260 --> 00:29:37,810

trials the major thing that I'm

693

00:29:43,470 --> 00:29:40,270

concerned about is ethics someone

694

00:29:45,750 --> 00:29:43,480

fiddling the books so so research

695

00:29:48,150 --> 00:29:45,760

misconduct so if I was ever in a

696

00:29:51,410 --> 00:29:48,160

situation in a job where I knew that

697

00:29:55,170 --> 00:29:51,420

researchers were behaving unethically

698

00:29:58,110 --> 00:29:55,180

messing with the data or for example if

699

00:30:01,020 --> 00:29:58,120

I worked in the Burzynski clinic in in

700

00:30:03,630 --> 00:30:01,030

Houston like I'm sure there must be some

701  
00:30:05,160 --> 00:30:03,640  
of my nursing colleagues who do I would

702  
00:30:07,350 --> 00:30:05,170  
resign from a job in the business ki

703  
00:30:09,000 --> 00:30:07,360  
clinic because that's a situation where

704  
00:30:11,030 --> 00:30:09,010  
I would not be at all comfortable with

705  
00:30:13,470 --> 00:30:11,040  
what they're doing to the patients

706  
00:30:15,000 --> 00:30:13,480  
because the big question here it's a

707  
00:30:16,410 --> 00:30:15,010  
tougher question to what we normally ask

708  
00:30:18,210 --> 00:30:16,420  
and how I you tonight anyway what do you

709  
00:30:21,420 --> 00:30:18,220  
think of a great talk was not yes Bert

710  
00:30:22,830 --> 00:30:21,430  
oh yes news very interesting and do you

711  
00:30:24,330 --> 00:30:22,840  
think you could check a bill nye do you

712  
00:30:26,640 --> 00:30:24,340  
think it could take on a young earth

713  
00:30:30,900 --> 00:30:26,650

creationist or some sort of whoop edler

714

00:30:33,440 --> 00:30:30,910

on stage no I don't think so i'm pretty

715

00:30:36,169 --> 00:30:33,450

sure that they have their mind made up

716

00:30:39,230 --> 00:30:36,179

wouldn't matter what I said it wouldn't

717

00:30:41,659 --> 00:30:39,240

change related I don't think anything I

718

00:30:43,310 --> 00:30:41,669

could say could ever convince them and

719

00:30:46,250 --> 00:30:43,320

how do you think bill went did you see

720

00:30:49,370 --> 00:30:46,260

any of it I didn't okay sorry but 10

721

00:30:51,049 --> 00:30:49,380

points are having to go and what about

722

00:30:53,149 --> 00:30:51,059

what Ken Harvey can have you resigned

723

00:30:54,860 --> 00:30:53,159

this week was he went no no take this

724

00:30:57,259 --> 00:30:54,870

job and put it in your para bellum he

725

00:30:58,610 --> 00:30:57,269

said or your quadrangle because say he

726

00:30:59,930 --> 00:30:58,620

didn't want any more could you see a

727

00:31:01,430 --> 00:30:59,940

case at work where you might do that

728

00:31:05,120 --> 00:31:01,440

with something it's not all any endeavor

729

00:31:07,759 --> 00:31:05,130

I think it takes a lot of guts yes it's

730

00:31:09,560 --> 00:31:07,769

a huge thing I good on him I think that

731

00:31:12,710 --> 00:31:09,570

he's definitely taking the right ethical

732

00:31:14,330 --> 00:31:12,720

stance here and I'm quite shocked that

733

00:31:19,519 --> 00:31:14,340

the university didn't see that there is

734

00:31:20,810 --> 00:31:19,529

a conflict of interest I I think yes

735

00:31:23,120 --> 00:31:20,820

when it comes to these things I mean

736

00:31:25,190 --> 00:31:23,130

your behavior and your decisions you do

737

00:31:27,230 --> 00:31:25,200

what you would be comfortable seeing on

738

00:31:29,299 --> 00:31:27,240

front page news which is what happened

739

00:31:31,070 --> 00:31:29,309

with Kenya and absolutely and he is

740

00:31:34,450 --> 00:31:31,080

totally comfortable with his decision

741

00:31:37,940 --> 00:31:34,460

and and I wonder if the university is

742

00:31:39,680 --> 00:31:37,950

I'm gonna sit down oh look up the

743

00:31:41,620 --> 00:31:39,690

Richard Saunders he is ticket can't take

744

00:31:43,669 --> 00:31:41,630

it he has to sit down but till we have

745

00:31:44,810 --> 00:31:43,679

we've made a lot of people here on the

746

00:31:46,490 --> 00:31:44,820

skeptic zone and we have a lot of

747

00:31:48,169 --> 00:31:46,500

listeners from all around the world look

748

00:31:49,430 --> 00:31:48,179

into MIT right now and just buy him

749

00:31:52,070 --> 00:31:49,440

saying is known can you guess what

750

00:31:54,110 --> 00:31:52,080

country is from Hello rub where would

751

00:31:56,750 --> 00:31:54,120

you think he's from is he from North

752

00:31:58,549 --> 00:31:56,760

America is he from South America and

753

00:32:00,950 --> 00:31:58,559

require no we're okay we're flipping

754

00:32:02,120 --> 00:32:00,960

over the cars where you from Rob well

755

00:32:04,700 --> 00:32:02,130

nobody ever gets it right but it's

756

00:32:07,250 --> 00:32:04,710

Brazil but what do they say they say

757

00:32:10,129 --> 00:32:07,260

Paraguay they say chile they say

758

00:32:11,299 --> 00:32:10,139

basically everything but Brazil ash it's

759

00:32:12,470 --> 00:32:11,309

one of the biggest one since I think

760

00:32:14,990 --> 00:32:12,480

it's the biggest one so familiar isn't

761

00:32:17,930 --> 00:32:15,000

it is and somehow it's just sort of a

762

00:32:19,419 --> 00:32:17,940

little easily forgotten but like Brazil

763

00:32:21,529 --> 00:32:19,429

when I think of Brazil I think of

764

00:32:24,830 --> 00:32:21,539

Volkswagens the original air-cooled ones

765

00:32:26,600 --> 00:32:24,840

I think of a really really good meat

766

00:32:28,370 --> 00:32:26,610

exports they have you have a really good

767

00:32:30,590 --> 00:32:28,380

meat a brazilian meat is fantastic and

768

00:32:32,480 --> 00:32:30,600

and waxing those are the three things a

769

00:32:35,269 --> 00:32:32,490

lot of people think of hopefully not in

770

00:32:36,889 --> 00:32:35,279

conjunction i guess and you are in one

771

00:32:38,960 --> 00:32:36,899

of those created cities like we have

772

00:32:40,580 --> 00:32:38,970

canberra you're in the capital which is

773

00:32:42,619 --> 00:32:40,590

where it's in the middle of nowhere

774

00:32:43,820 --> 00:32:42,629

isn't it in the middle of a desert it's

775

00:32:45,640 --> 00:32:43,830

called Brasilia and it was entirely

776

00:32:48,220 --> 00:32:45,650

planned in nineteen sixty

777

00:32:49,660 --> 00:32:48,230

it looks like it's from the future pass

778

00:32:51,250 --> 00:32:49,670

it looks like what somebody in the 50s

779

00:32:53,380 --> 00:32:51,260

would think of the future and it was

780

00:32:54,400 --> 00:32:53,390

everyone must know the Brazilian flag it

781

00:32:56,130 --> 00:32:54,410

would have to be one of the coolest

782

00:32:58,630 --> 00:32:56,140

flags in the world but that really

783

00:33:01,240 --> 00:32:58,640

Dayglow map of the world the gate that

784

00:33:02,680 --> 00:33:01,250

is so cool that is a cool flag almost as

785

00:33:04,030 --> 00:33:02,690

cool as Libya's which is just plain

786

00:33:05,860 --> 00:33:04,040

green which i think is really bold

787

00:33:07,600 --> 00:33:05,870

really if you think about it it's just

788

00:33:09,910 --> 00:33:07,610

plain green it's just green I think it

789

00:33:12,310 --> 00:33:09,920

takes a lot of um cojones to discover

790

00:33:13,840 --> 00:33:12,320

the green flag yeah well I I believe

791

00:33:15,600 --> 00:33:13,850

that was the original plan for the Irish

792

00:33:18,550 --> 00:33:15,610

flag but they they never got it together

793

00:33:22,090 --> 00:33:18,560

no no I can't really comment on the

794

00:33:24,820 --> 00:33:22,100

Irish because what you can comment on on

795

00:33:26,830 --> 00:33:24,830

what finds you here suddenly you're in

796

00:33:28,990 --> 00:33:26,840

Brazil I suspect teens are men in black

797

00:33:30,970 --> 00:33:29,000

I think it is if you see some ancient

798

00:33:32,740 --> 00:33:30,980

aliens near any sort of any sort of

799

00:33:34,720 --> 00:33:32,750

ancient monument you come along and you

800

00:33:37,960 --> 00:33:34,730

tell them no no you were never there is

801  
00:33:39,790 --> 00:33:37,970  
that your job if it were my job okay I

802  
00:33:41,950 --> 00:33:39,800  
couldn't really say is my job but i'll

803  
00:33:44,020 --> 00:33:41,960  
tell you what manner a wink once if

804  
00:33:44,920 --> 00:33:44,030  
that's actually my job and the podcast

805  
00:33:46,480 --> 00:33:44,930  
listeners will just have to guess

806  
00:33:49,540 --> 00:33:46,490  
whether I waiting to one or twice or not

807  
00:33:51,220 --> 00:33:49,550  
at all okay say more well erich von

808  
00:33:53,230 --> 00:33:51,230  
daniken me off i tell you what it's

809  
00:33:55,930 --> 00:33:53,240  
quite a show here today and how did you

810  
00:33:58,810 --> 00:33:55,940  
find an australian podcast and start

811  
00:34:00,640 --> 00:33:58,820  
listening to it and enjoy it well i

812  
00:34:02,590 --> 00:34:00,650  
think it's very easy to enjoy for one I

813  
00:34:04,810 --> 00:34:02,600

found it through the skeptics guide I

814

00:34:07,720 --> 00:34:04,820

listened to them first and foremost I

815

00:34:09,669 --> 00:34:07,730

think like most skeptics overseas and

816

00:34:12,700 --> 00:34:09,679

they're a terrible gateway drug really

817

00:34:13,840 --> 00:34:12,710

so then I got to the skeptic zone and

818

00:34:15,310 --> 00:34:13,850

I've been listening for many years

819

00:34:17,320 --> 00:34:15,320

without ever thinking that I would see

820

00:34:21,220 --> 00:34:17,330

Australia or any of you and now here I

821

00:34:22,659 --> 00:34:21,230

am we have a more of a library format to

822

00:34:23,950 --> 00:34:22,669

the way data there we have reports from

823

00:34:25,630 --> 00:34:23,960

all over the place we have different

824

00:34:27,270 --> 00:34:25,640

reporters and everything it it's a bit

825

00:34:29,649 --> 00:34:27,280

more disjointed than the skeptics guide

826

00:34:31,690 --> 00:34:29,659

it is it is but I think that's part of

827

00:34:34,510 --> 00:34:31,700

the charm as well and it's it's got a

828

00:34:38,610 --> 00:34:34,520

more of a recurring aspect to it a lot

829

00:34:44,380 --> 00:34:38,620

of recurring characters in the skeptics

830

00:34:45,700 --> 00:34:44,390

so you see so it had a favorite report

831

00:34:48,070 --> 00:34:45,710

is a report that's really stuck in your

832

00:34:49,840 --> 00:34:48,080

head from anyone from dr. rachy or Joe

833

00:34:51,909 --> 00:34:49,850

or something I've done well honestly I

834

00:34:54,340 --> 00:34:51,919

just love all of the yearly mind-body

835

00:34:56,590 --> 00:34:54,350

wallets or or or violence or ever and

836

00:34:58,870 --> 00:34:56,600

honestly I would like to go to one I

837

00:35:01,480 --> 00:34:58,880

would like to come to Australian see

838

00:35:02,590 --> 00:35:01,490

this event because it seems I I agree

839

00:35:03,520 --> 00:35:02,600

with what Richard says it does seem like

840

00:35:06,190 --> 00:35:03,530

a lot of fun and does seem like a

841

00:35:08,410 --> 00:35:06,200

worthwhile experience to see what's

842

00:35:10,480 --> 00:35:08,420

going on look yes it was a lot of fun at

843

00:35:12,190 --> 00:35:10,490

the last one I went to we did the final

844

00:35:13,690 --> 00:35:12,200

episode of a dirty disbelievers episode

845

00:35:15,250 --> 00:35:13,700

9 where we all went along there and

846

00:35:17,830 --> 00:35:15,260

Richard got called a rude word that

847

00:35:20,230 --> 00:35:17,840

started with c and it wasn't clever yeah

848

00:35:21,490 --> 00:35:20,240

and yeah and dr. H almost got into a

849

00:35:24,760 --> 00:35:21,500

fistfight with people it was a pretty

850

00:35:27,970 --> 00:35:24,770

wild well time well time was the word

851

00:35:29,620 --> 00:35:27,980

Christian that fault I've no no I'm

852

00:35:33,010 --> 00:35:29,630

tonight so no that wasn't the other I

853

00:35:34,660 --> 00:35:33,020

can't say the word because Richards

854

00:35:35,920 --> 00:35:34,670

recovering from his chest infection it

855

00:35:39,220 --> 00:35:35,930

you probably hear from the intro on the

856

00:35:41,500 --> 00:35:39,230

outer of this and you happen to land in

857

00:35:43,720 --> 00:35:41,510

Sydney when we're doing a skeptics in

858

00:35:44,980 --> 00:35:43,730

the pub now a bit more about Brazil you

859

00:35:47,050 --> 00:35:44,990

telling me earlier that it's probably

860

00:35:48,430 --> 00:35:47,060

one of the most unscripted cool places

861

00:35:50,740 --> 00:35:48,440

on earth is that because of the

862

00:35:52,630 --> 00:35:50,750

Catholicism or what would you put it

863

00:35:53,980 --> 00:35:52,640

down to well I wouldn't say but one of

864

00:35:56,080 --> 00:35:53,990

the most in skeptical places because you

865

00:35:59,140 --> 00:35:56,090

know I haven't really been in that many

866

00:36:01,630 --> 00:35:59,150

places but it does have a history of

867

00:36:03,640 --> 00:36:01,640

sort of a traditional on skeptical

868

00:36:07,090 --> 00:36:03,650

outlook which i think is changing slowly

869

00:36:09,670 --> 00:36:07,100

but it is part of our culture I wouldn't

870

00:36:12,160 --> 00:36:09,680

blame it only on Catholicism or only on

871

00:36:13,960 --> 00:36:12,170

religion at all i think it has probably

872

00:36:16,510 --> 00:36:13,970

very complex classes that i won't

873

00:36:19,800 --> 00:36:16,520

venture into but it's everything it goes

874

00:36:22,360 --> 00:36:19,810

from spirituality to a general

875

00:36:25,840 --> 00:36:22,370

willingness to believe things really to

876

00:36:27,130 --> 00:36:25,850

believe a theories and not ideas and

877

00:36:28,870 --> 00:36:27,140

what's the whew that gets your goat

878

00:36:32,590 --> 00:36:28,880

what's the one that you go not this

879

00:36:35,200 --> 00:36:32,600

again probably astrology just because of

880

00:36:38,050 --> 00:36:35,210

how widespread it still is despite

881

00:36:41,470 --> 00:36:38,060

everything and despite being so obvious

882

00:36:44,290 --> 00:36:41,480

and so clearly debunk able to just see

883

00:36:46,660 --> 00:36:44,300

smart people still talk about it and

884

00:36:47,410 --> 00:36:46,670

still i give that usual defense of well

885

00:36:49,210 --> 00:36:47,420

of course you can't believe the

886

00:36:50,800 --> 00:36:49,220

newspaper astrology but but the good

887

00:36:52,810 --> 00:36:50,810

star chart the really really well

888

00:36:54,640 --> 00:36:52,820

researched really solid started that one

889

00:36:56,470 --> 00:36:54,650

if that one's real that one nothing's

890

00:36:58,690 --> 00:36:56,480

important and also I'd like you to give

891

00:37:00,040 --> 00:36:58,700

a call out to our international friends

892

00:37:01,780 --> 00:37:00,050

that listen to the skeptic zone that are

893

00:37:03,040 --> 00:37:01,790

out there and have never dropped us a

894

00:37:04,780 --> 00:37:03,050

line like I don't think we've ever had

895

00:37:07,330 --> 00:37:04,790

any correspondence from Brazil have

896

00:37:09,100 --> 00:37:07,340

little richard ever part over the five

897

00:37:11,290 --> 00:37:09,110

or six years we could have but nothing

898

00:37:12,580 --> 00:37:11,300

really springs to mind but could we do

899

00:37:14,440 --> 00:37:12,590

have listeners there because i can see

900

00:37:16,600 --> 00:37:14,450

the stats of course yeah yeah yes so

901  
00:37:17,980 --> 00:37:16,610  
yeah so just let them know to drop us a

902  
00:37:21,580 --> 00:37:17,990  
line and that we don't bite could you

903  
00:37:24,640 --> 00:37:21,590  
tell them that absolutely uh they don't

904  
00:37:26,890 --> 00:37:24,650  
bite very hard Maynard maybe a little

905  
00:37:29,050 --> 00:37:26,900  
harder than most I'll become it's worth

906  
00:37:31,390 --> 00:37:29,060  
traveling across the world to see this

907  
00:37:33,700 --> 00:37:31,400  
the shirt i'm wearing yeah yeah maynard

908  
00:37:34,960 --> 00:37:33,710  
shirt or legendary I really almost grew

909  
00:37:36,820 --> 00:37:34,970  
up listening the legends of maynards

910  
00:37:41,470 --> 00:37:36,830  
shirts not and now I'm seeing them in

911  
00:37:43,210 --> 00:37:41,480  
person that's Africa yeah I really can't

912  
00:37:44,020 --> 00:37:43,220  
describe it in an audio you have to see

913  
00:37:45,850 --> 00:37:44,030

it for yourself you had to come to

914

00:37:48,220 --> 00:37:45,860

Australia and then see Maynard shirts I

915

00:37:50,530 --> 00:37:48,230

shout out to allow Brazilian listeners

916

00:37:51,970 --> 00:37:50,540

in Portuguese at you claro brasil

917

00:37:54,040 --> 00:37:51,980

illustrative of you know podcast the

918

00:37:57,010 --> 00:37:54,050

skeptic zone in Karachi to deserve it

919

00:37:59,680 --> 00:37:57,020

like a queen superstar he be so mentally

920

00:38:01,210 --> 00:37:59,690

some cleavage Utah Nevada touchdown pass

921

00:38:03,790 --> 00:38:01,220

a French knows its eternal Brazil to me

922

00:38:05,500 --> 00:38:03,800

I just felt like I was in Brasilia in

923

00:38:07,540 --> 00:38:05,510

the back of a volkswagen taxi then just

924

00:38:09,130 --> 00:38:07,550

for a moment being charged far too much

925

00:38:11,590 --> 00:38:09,140

and being driven the wrong way and

926

00:38:13,450 --> 00:38:11,600

talking about skepticism so is there is

927

00:38:15,000 --> 00:38:13,460

many skeptics movements here are you a

928

00:38:17,140 --> 00:38:15,010

member of a skeptics movement there I

929

00:38:18,130 --> 00:38:17,150

don't know of any I don't want to say

930

00:38:19,510 --> 00:38:18,140

that there aren't any because I'm afraid

931

00:38:21,070 --> 00:38:19,520

that somebody will listen to this and

932

00:38:23,320 --> 00:38:21,080

rosanna say oh that's outrageous he

933

00:38:25,780 --> 00:38:23,330

forgot our phone foundational movement

934

00:38:27,220 --> 00:38:25,790

here in Brazil but I don't know if any i

935

00:38:30,010 --> 00:38:27,230

hope they're out there and i hope i

936

00:38:31,720 --> 00:38:30,020

managed to find them at some point but

937

00:38:33,220 --> 00:38:31,730

if there aren't any there certainly

938

00:38:34,900 --> 00:38:33,230

should be so hopefully this will be a

939

00:38:36,490 --> 00:38:34,910

start look it's been a great supplies

940

00:38:38,170 --> 00:38:36,500

and the pleasure meeting someone from

941

00:38:40,840 --> 00:38:38,180

brazil coming all this way and ending up

942

00:38:43,360 --> 00:38:40,850

in a really chevy dark pub in sydney yet

943

00:38:44,380 --> 00:38:43,370

look don't think any worse of us you

944

00:38:45,550 --> 00:38:44,390

know i'll definitely try and be back

945

00:38:47,730 --> 00:38:45,560

whenever i'm ready to cross the world

946

00:38:49,930 --> 00:38:47,740

again so thank you very much everyone

947

00:38:52,330 --> 00:38:49,940

and who we got here we've got a visitor

948

00:38:53,770 --> 00:38:52,340

from far away Joe alabaster and where

949

00:38:55,690 --> 00:38:53,780

have you come from I have come from the

950

00:38:57,160 --> 00:38:55,700

Blue Mountains wow so was that like the

951  
00:38:59,890 --> 00:38:57,170  
Concord kind of thing what was it like

952  
00:39:01,630 --> 00:38:59,900  
that was two hours on the train that's

953  
00:39:02,950 --> 00:39:01,640  
just like the Concord I mean really the

954  
00:39:03,460 --> 00:39:02,960  
new south wales transport system is

955  
00:39:05,790 --> 00:39:03,470  
perhaps the

956  
00:39:08,440 --> 00:39:05,800  
in the world exactly it was fantastic

957  
00:39:09,940 --> 00:39:08,450  
luxury now because it's a big skeptical

958  
00:39:11,680 --> 00:39:09,950  
week as we've heard we've got a lot of

959  
00:39:13,180 --> 00:39:11,690  
big action happening in various parts of

960  
00:39:16,320 --> 00:39:13,190  
the world how do you think bill nye went

961  
00:39:18,790 --> 00:39:16,330  
in his debate witness to ham oh I

962  
00:39:23,740 --> 00:39:18,800  
frankly enjoyed what he had to say I

963  
00:39:26,050 --> 00:39:23,750

question whether I'm not sure whether he

964

00:39:28,030 --> 00:39:26,060

was actually likely to convert anybody

965

00:39:30,670 --> 00:39:28,040

to his side I shouldn't say convert

966

00:39:34,359 --> 00:39:30,680

because that's kind of the job of ken

967

00:39:35,770 --> 00:39:34,369

ham oh yeah I really enjoyed sort of the

968

00:39:38,980 --> 00:39:35,780

big long science smackdown that was

969

00:39:40,780 --> 00:39:38,990

fantastic for me as an audience but I'm

970

00:39:42,670 --> 00:39:40,790

not sure that it would have reached Ken

971

00:39:44,770 --> 00:39:42,680

hams fans do you thought it would be I

972

00:39:45,760 --> 00:39:44,780

as I mentioned before thought it might

973

00:39:47,349 --> 00:39:45,770

have been better if someone from perhaps

974

00:39:49,120 --> 00:39:47,359

the Atheist Experience debated him

975

00:39:50,650 --> 00:39:49,130

someone with a bit more of a theological

976  
00:39:53,230 --> 00:39:50,660  
grounding and they could have countered

977  
00:39:55,000 --> 00:39:53,240  
the theological arguments I would have

978  
00:39:57,609 --> 00:39:55,010  
really enjoyed it if Aaron wrote on it

979  
00:39:59,680 --> 00:39:57,619  
actually yeah and how would you give

980  
00:40:04,240 --> 00:39:59,690  
bill out of 10 in debating in such a

981  
00:40:06,490 --> 00:40:04,250  
difficult condition Oh in debating I'm

982  
00:40:08,160 --> 00:40:06,500  
gonna give him about a night yeah it's I

983  
00:40:10,270 --> 00:40:08,170  
mean it's a very difficult task kind of

984  
00:40:12,099 --> 00:40:10,280  
some people are questioning whether he

985  
00:40:14,380 --> 00:40:12,109  
should have taken it on or not I'm not

986  
00:40:15,910 --> 00:40:14,390  
entirely sure it was entertaining as

987  
00:40:19,089 --> 00:40:15,920  
entertaining as these things can be I

988  
00:40:21,160 --> 00:40:19,099

think because ken harvey this this week

989

00:40:23,050 --> 00:40:21,170

of course resigned big skeptical news

990

00:40:25,240 --> 00:40:23,060

there do you think you could ever see

991

00:40:26,980 --> 00:40:25,250

yourself it in a job going and that's it

992

00:40:28,450 --> 00:40:26,990

I'm going out there armed and I'm going

993

00:40:31,599 --> 00:40:28,460

to take my t-shirt and bleach it and

994

00:40:33,280 --> 00:40:31,609

leave I sincerely hope with just about

995

00:40:35,260 --> 00:40:33,290

every fibre of my thing that I would do

996

00:40:37,240 --> 00:40:35,270

the same thing I really very much

997

00:40:41,410 --> 00:40:37,250

respect what he's done and congratulate

998

00:40:42,880 --> 00:40:41,420

him for it hmm but look the two hot

999

00:40:44,109 --> 00:40:42,890

topic is the week is what do you think

1000

00:40:46,599 --> 00:40:44,119

of the bill nye debate how do you think

1001

00:40:49,000 --> 00:40:46,609

he went with ken ham well I might

1002

00:40:50,859 --> 00:40:49,010

deliberately didn't watch it what to go

1003

00:40:53,099 --> 00:40:50,869

then you have in the blue man she got TV

1004

00:40:55,270 --> 00:40:53,109

I think I knew he was going to come out

1005

00:40:58,150 --> 00:40:55,280

I've been involved I was involved in

1006

00:41:01,210 --> 00:40:58,160

with similar debate in 2005 and what I

1007

00:41:03,160 --> 00:41:01,220

found was that the other side one more

1008

00:41:04,630 --> 00:41:03,170

yeah as I actually said something I was

1009

00:41:07,180 --> 00:41:04,640

yesterday so they actually put wheels

1010

00:41:08,230 --> 00:41:07,190

and a trailer hitch on the gold posts so

1011

00:41:10,540 --> 00:41:08,240

they can move them more easily to the

1012

00:41:12,339 --> 00:41:10,550

next suburb when you have these debates

1013

00:41:13,440 --> 00:41:12,349

with these people they make the rules up

1014

00:41:16,260 --> 00:41:13,450

as they go along

1015

00:41:18,390 --> 00:41:16,270

and they're not honest you've heard

1016

00:41:20,640 --> 00:41:18,400

arguments before but that doesn't matter

1017

00:41:21,690 --> 00:41:20,650

they'll just keep saying them so I don't

1018

00:41:24,270 --> 00:41:21,700

think anything's achieved by the

1019

00:41:26,280 --> 00:41:24,280

students done I think that I think

1020

00:41:27,599 --> 00:41:26,290

Richard Dawkins was right in don't give

1021

00:41:29,579 --> 00:41:27,609

them a platform don't give them any

1022

00:41:32,550 --> 00:41:29,589

products or probability by arguing I

1023

00:41:35,130 --> 00:41:32,560

think so yes I said I made a mistake and

1024

00:41:36,960 --> 00:41:35,140

I was on behalf of the Australian

1025

00:41:39,480 --> 00:41:36,970

skeptics conducted it was a debate on

1026  
00:41:42,690 --> 00:41:39,490  
the sydney morning herald website i was

1027  
00:41:44,940 --> 00:41:42,700  
doing it by myself with people like Paul

1028  
00:41:47,160 --> 00:41:44,950  
Wilson that on the on the other end via

1029  
00:41:48,660 --> 00:41:47,170  
email they had a whole staff of people

1030  
00:41:50,970 --> 00:41:48,670  
and what was in Answers in Genesis or

1031  
00:41:53,339 --> 00:41:50,980  
working on it okay I'm writing their

1032  
00:41:54,690 --> 00:41:53,349  
articles and they were just dishonest

1033  
00:41:55,740 --> 00:41:54,700  
they just kept changing what they were

1034  
00:41:59,640 --> 00:41:55,750  
saying they wouldn't address the

1035  
00:42:01,380 --> 00:41:59,650  
question at all and so I don't know a

1036  
00:42:03,540 --> 00:42:01,390  
good good that bill my I did it but I

1037  
00:42:05,400 --> 00:42:03,550  
really think that probably he wouldn't

1038  
00:42:07,170 --> 00:42:05,410

converted anybody from the other side as

1039

00:42:09,630 --> 00:42:07,180

somebody put out today they asked 22

1040

00:42:10,800 --> 00:42:09,640

people for their comments I know the

1041

00:42:12,480 --> 00:42:10,810

same things have been hearing for years

1042

00:42:13,890 --> 00:42:12,490

you know why are there still monkeys if

1043

00:42:16,050 --> 00:42:13,900

we were evolved from monkeys and sort of

1044

00:42:18,270 --> 00:42:16,060

monster it's the same reason Joe ball

1045

00:42:21,780 --> 00:42:18,280

yeah why do I have a grandfather when I

1046

00:42:24,150 --> 00:42:21,790

if I know if I had it why got cousins if

1047

00:42:25,680 --> 00:42:24,160

I evolved yeah it was the answer that

1048

00:42:27,870 --> 00:42:25,690

quick so we've been hearing that stuff

1049

00:42:29,460 --> 00:42:27,880

to you sir so I think that it was good

1050

00:42:31,230 --> 00:42:29,470

at night to do it but I don't think it's

1051  
00:42:32,849 --> 00:42:31,240  
achieved anything that other than

1052  
00:42:34,290 --> 00:42:32,859  
probably to bring money they can't ken

1053  
00:42:36,030 --> 00:42:34,300  
ham because he put the show on at his

1054  
00:42:38,460 --> 00:42:36,040  
place I'm about the other Ken this

1055  
00:42:39,900 --> 00:42:38,470  
weekend Harvick he's resigned well how

1056  
00:42:41,609 --> 00:42:39,910  
do you feel about that would you do that

1057  
00:42:42,930 --> 00:42:41,619  
would you go I that's it on I'm going to

1058  
00:42:45,170 --> 00:42:42,940  
take my Hawaiian shirt and put in the

1059  
00:42:49,530 --> 00:42:45,180  
dryer I think he did the right thing

1060  
00:42:51,510 --> 00:42:49,540  
there are several issues here I think

1061  
00:42:53,280 --> 00:42:51,520  
this particular one if Swiss had simply

1062  
00:42:54,660 --> 00:42:53,290  
said we're going to get 15 million

1063  
00:42:57,120 --> 00:42:54,670

dollars to La Trobe University for

1064

00:42:58,500 --> 00:42:57,130

research there wouldn't be an issue what

1065

00:43:01,920 --> 00:42:58,510

they said was we're going to give you

1066

00:43:04,170 --> 00:43:01,930

money for research into our products

1067

00:43:05,430 --> 00:43:04,180

and so therefore it's tied money and

1068

00:43:07,140 --> 00:43:05,440

they're going to want results and the

1069

00:43:10,589 --> 00:43:07,150

results they want our people saying the

1070

00:43:11,910 --> 00:43:10,599

stuff works but look I haven't heard the

1071

00:43:13,290 --> 00:43:11,920

exact argument from the University but

1072

00:43:14,970 --> 00:43:13,300

they would say we're going to do the

1073

00:43:16,440 --> 00:43:14,980

tests and they're going to be they're

1074

00:43:18,540 --> 00:43:16,450

going to be fair and honest and they're

1075

00:43:20,910 --> 00:43:18,550

going to fall where they would fall yeah

1076

00:43:22,710 --> 00:43:20,920

they'll say that I'm not and they may

1077

00:43:24,660 --> 00:43:22,720

believe that they made him do that but

1078

00:43:27,329 --> 00:43:24,670

the fact is it is it's a perception

1079

00:43:28,680 --> 00:43:27,339

thing it wasn't just an untied grant to

1080

00:43:30,540 --> 00:43:28,690

a university research it was

1081

00:43:32,849 --> 00:43:30,550

specifically tied to specific products

1082

00:43:35,010 --> 00:43:32,859

and no matter how you play it that's

1083

00:43:36,540 --> 00:43:35,020

going to look bad mouth tight but don't

1084

00:43:38,549 --> 00:43:36,550

pharmaceutical companies do this all the

1085

00:43:40,620 --> 00:43:38,559

time they they pay to have research into

1086

00:43:41,609 --> 00:43:40,630

their into their drugs yeah they can

1087

00:43:43,109 --> 00:43:41,619

fund it but I think it's got to be more

1088

00:43:44,520 --> 00:43:43,119

open than that they can say here's one

1089

00:43:47,220 --> 00:43:44,530

particular product we want you to do

1090

00:43:49,829 --> 00:43:47,230

testing will do a contract research but

1091

00:43:51,480 --> 00:43:49,839

to say open-ended 15 million dollars out

1092

00:43:53,640 --> 00:43:51,490

of so many years and you're only going

1093

00:43:54,960 --> 00:43:53,650

to research our products is different to

1094

00:43:56,930 --> 00:43:54,970

come to a pharmaceutical company gunnery

1095

00:43:59,849 --> 00:43:56,940

university and saying but we've got a

1096

00:44:01,470 --> 00:43:59,859

possible new diabetic drag here we'd

1097

00:44:03,030 --> 00:44:01,480

like you to run clinical trials for us I

1098

00:44:06,480 --> 00:44:03,040

think that's a different issue

1099

00:44:07,410 --> 00:44:06,490

altogether yeah but I respect my

1100

00:44:10,230 --> 00:44:07,420

principles I think he did the right

1101  
00:44:11,660 --> 00:44:10,240  
thing and by doing it he's given an

1102  
00:44:14,420 --> 00:44:11,670  
enormous publicity to it

1103  
00:44:16,700 --> 00:44:14,430  
yes I was it was right up there on the

1104  
00:44:19,099 --> 00:44:16,710  
ABC News I would if he'd just simply

1105  
00:44:20,599 --> 00:44:19,109  
quietly said I'm not going to do it but

1106  
00:44:22,220 --> 00:44:20,609  
what he did was he went public with it

1107  
00:44:25,400 --> 00:44:22,230  
because he already has a public image

1108  
00:44:27,620 --> 00:44:25,410  
anyway and public persona the story was

1109  
00:44:30,710 --> 00:44:27,630  
up had legs it went on the ABC admit the

1110  
00:44:33,950 --> 00:44:30,720  
newspapers so now that the whole issue

1111  
00:44:36,079 --> 00:44:33,960  
of funded specific targeted research is

1112  
00:44:37,730 --> 00:44:36,089  
now coming to the in a public view for

1113  
00:44:39,200 --> 00:44:37,740

examination I think can do the right

1114

00:44:42,230 --> 00:44:39,210

thing and I think also the fact he's

1115

00:44:45,109 --> 00:44:42,240

gone public with it has raised this

1116

00:44:47,870 --> 00:44:45,119

issue of know how is funding done by

1117

00:44:49,549 --> 00:44:47,880

those companies know if the universities

1118

00:44:50,690 --> 00:44:49,559

are doing research is that research

1119

00:44:53,030 --> 00:44:50,700

tainted by the money that they're

1120

00:44:55,490 --> 00:44:53,040

getting in this case I think it would

1121

00:44:56,900 --> 00:44:55,500

have been even unconsciously but if it'd

1122

00:44:59,089 --> 00:44:56,910

been an untied grand if they just said

1123

00:45:00,589 --> 00:44:59,099

here's 15 million dollars to the medical

1124

00:45:01,910 --> 00:45:00,599

school but I think we'll have any

1125

00:45:26,510 --> 00:45:01,920

objection at all I don't think Kim would

1126  
00:45:32,880 --> 00:45:29,130  
they give a listening to the skeptic

1127  
00:45:36,690 --> 00:45:32,890  
zone showed 277 and listeners around the

1128  
00:45:38,010 --> 00:45:36,700  
world might once again once again spare

1129  
00:45:41,160 --> 00:45:38,020  
a thought for some of those people in

1130  
00:45:42,480 --> 00:45:41,170  
Australia's I record this the TV news is

1131  
00:45:44,609 --> 00:45:42,490  
on in the background and I'm seeing

1132  
00:45:48,120 --> 00:45:44,619  
people's houses burned down more bad

1133  
00:45:50,580 --> 00:45:48,130  
bush fires in Victoria in the state of

1134  
00:45:53,340 --> 00:45:50,590  
victoria at the moment and also warnings

1135  
00:45:55,950 --> 00:45:53,350  
for emergencies in the state of South

1136  
00:45:57,690 --> 00:45:55,960  
Australia thoughts going out to those

1137  
00:45:59,910 --> 00:45:57,700  
people those firefighters doing the

1138  
00:46:01,950 --> 00:45:59,920

courageous job at the moment fighting

1139

00:46:04,109 --> 00:46:01,960

those terrible fires and I can tell you

1140

00:46:06,810 --> 00:46:04,119

it's quite a warm day here in Sydney

1141

00:46:09,090 --> 00:46:06,820

Australia as well and it's so warm in

1142

00:46:11,970 --> 00:46:09,100

fact I think Fred the caddis found

1143

00:46:14,670 --> 00:46:11,980

himself a nice quiet cool spot somewhere

1144

00:46:17,370 --> 00:46:14,680

and as fast asleep sounds like a good

1145

00:46:18,780 --> 00:46:17,380

idea folks until next week opening I'll

1146

00:46:20,460 --> 00:46:18,790

sound a little better this is Richard

1147

00:46:26,820 --> 00:46:20,470

Saunders signing off from Sydney

1148

00:46:31,530 --> 00:46:26,830

Australia you've been listening to the

1149

00:46:35,220 --> 00:46:31,540

skeptic zone visit our website at [www](http://www)