

1
00:00:05,929 --> 00:00:13,699
welcome to the skeptic zone the podcast

2
00:00:09,089 --> 00:00:13,699
from Australia for science and reason

3
00:00:22,960 --> 00:00:29,528
hello and welcome to the skeptic zone

4
00:00:25,759 --> 00:00:33,530
episode number 348 for the 21st of jun

5
00:00:29,528 --> 00:00:38,899
2015 Richard Saunders here with you from

6
00:00:33,530 --> 00:00:42,859
a cold wet damp soggy moist drizzly

7
00:00:38,899 --> 00:00:44,750
rainy wet Sydney Australia now before we

8
00:00:42,859 --> 00:00:46,789
get into this week's show before I tell

9
00:00:44,750 --> 00:00:48,558
you what's coming up today I had the

10
00:00:46,789 --> 00:00:50,359
great pleasure spending some time with

11
00:00:48,558 --> 00:00:52,820
some skeptics more about this next week

12
00:00:50,359 --> 00:00:56,628
a lot more about this next week when we

13
00:00:52,820 --> 00:01:02,509
went to the freedom of choice no jab no

14
00:00:56,628 --> 00:01:05,298
pay no way protest rally much debacle

15
00:01:02,509 --> 00:01:07,969
here in Sydney Australia the steps the

16
00:01:05,299 --> 00:01:12,290
steps of the town hall where a group of

17
00:01:07,969 --> 00:01:16,368
some people gathered to win wine rally

18
00:01:12,290 --> 00:01:18,700
against the government plan to stop

19
00:01:16,368 --> 00:01:21,289
welfare payments to people who won't

20
00:01:18,700 --> 00:01:24,350
vaccinate their children certain

21
00:01:21,289 --> 00:01:28,070
payments that is and he is a little

22
00:01:24,349 --> 00:01:30,649
teaser about what's coming up next week

23
00:01:28,069 --> 00:01:32,779
when we cover this this protest this

24
00:01:30,649 --> 00:01:35,210
would this was a recording of people

25
00:01:32,780 --> 00:01:37,659
marching down one of the main streets in

26
00:01:35,209 --> 00:01:37,658
Sydney

27
00:01:42,439 --> 00:01:45,439
No

28
00:01:50,959 --> 00:01:52,989
Oh

29

00:01:56,590 --> 00:02:01,819
yeah there just wasn't that many of them

30
00:01:59,478 --> 00:02:05,390
now they were protests held in most

31
00:02:01,819 --> 00:02:07,989
capitals I think around Australia but if

32
00:02:05,390 --> 00:02:11,598
the Sydney one was anything to go by I

33
00:02:07,989 --> 00:02:15,378
am glad they had them because not only

34
00:02:11,598 --> 00:02:17,449
was there a very poor turnout in Sydney

35
00:02:15,378 --> 00:02:22,518
and from what I gather elsewhere around

36
00:02:17,449 --> 00:02:24,679
the country I think it gets back to what

37
00:02:22,519 --> 00:02:27,319
somebody once said recently about

38
00:02:24,680 --> 00:02:29,329
homeopathy the best thing well the worst

39
00:02:27,318 --> 00:02:31,789
thing that can happen to homeopathy is

40
00:02:29,329 --> 00:02:37,489
if people understood what it's all about

41
00:02:31,789 --> 00:02:43,459
in that sense the worst thing that can

42
00:02:37,489 --> 00:02:47,299
happen to the anti-vaccine public and at

43
00:02:43,459 --> 00:02:51,799

rallies because the drivels folks the

44

00:02:47,299 --> 00:02:53,989
nonsense the boulder dash that comes out

45

00:02:51,799 --> 00:02:56,239
when they talk they really are their own

46

00:02:53,989 --> 00:02:58,159
worst enemies and I understand there's a

47

00:02:56,239 --> 00:03:02,299
lot of infighting amongst the anti vac

48

00:02:58,159 --> 00:03:07,370
the moment next week I'm going to have a

49

00:03:02,299 --> 00:03:09,319
report from the day today from the rally

50

00:03:07,370 --> 00:03:12,169
I was there with some other people as I

51

00:03:09,318 --> 00:03:14,479
said before and we'll have some reports

52

00:03:12,169 --> 00:03:17,900
from other places around Australia oh

53

00:03:14,479 --> 00:03:20,418
dear those anti-vaxxers but let's talk

54

00:03:17,900 --> 00:03:21,650
about this week's episode of the skeptic

55

00:03:20,419 --> 00:03:24,049
zone we're going to kick off with a

56

00:03:21,650 --> 00:03:28,730
report from Heidi Robertson The Roar

57

00:03:24,049 --> 00:03:30,290
skeptic report Heidi inspired by the

58
00:03:28,729 --> 00:03:32,149
recent trip that I made with some other

59
00:03:30,289 --> 00:03:34,969
skeptics to mind/body wallet a few weeks

60
00:03:32,150 --> 00:03:38,689
ago dug through her archives and found

61
00:03:34,969 --> 00:03:41,090
some more information from mind/body

62
00:03:38,689 --> 00:03:43,189
wallet up in Brisbane she's going to be

63
00:03:41,090 --> 00:03:47,150
relating to you one of the more

64
00:03:43,189 --> 00:03:50,389
outrageous claims she heard on the day

65
00:03:47,150 --> 00:03:52,489
that's the Ross captain report with

66
00:03:50,389 --> 00:03:54,169
Haley Robinson after that it's a week

67
00:03:52,489 --> 00:03:58,030
and science from the Royal Institution

68
00:03:54,169 --> 00:04:00,620
of Australia WWII a u.s. dog today you

69
00:03:58,030 --> 00:04:03,500
thank you once again royal institution

70
00:04:00,620 --> 00:04:05,599
of Australia for your excellent little

71
00:04:03,500 --> 00:04:07,960
report every week and then to round off

72
00:04:05,599 --> 00:04:09,909
the show it's my interview with

73
00:04:07,960 --> 00:04:11,730
Michael Marshall my old friend Michael

74
00:04:09,909 --> 00:04:14,799
Marshall from Liverpool from the good

75
00:04:11,729 --> 00:04:17,769
thinking society and they do some pretty

76
00:04:14,800 --> 00:04:20,680
good thinking oh boy do they do some

77
00:04:17,769 --> 00:04:23,490
good thinking not only do they do good

78
00:04:20,680 --> 00:04:26,769
thinking they do some pretty good

79
00:04:23,490 --> 00:04:28,960
skeptical activism in general the good

80
00:04:26,769 --> 00:04:32,019
thinking society what a worthwhile

81
00:04:28,959 --> 00:04:34,239
endeavor it is find out what they've

82
00:04:32,019 --> 00:04:36,099
been up to some of their investigations

83
00:04:34,240 --> 00:04:38,439
and some of the action they are taking

84
00:04:36,100 --> 00:04:40,780
coming up later on in the show but

85
00:04:38,439 --> 00:04:43,719
that's all for me at the moment I'm

86

00:04:40,779 --> 00:04:45,939
going to run downstairs open the fridge

87
00:04:43,720 --> 00:04:48,010
now it's too cold to open the fridge

88
00:04:45,939 --> 00:04:50,469
today it's actually it's a bit cold i'm

89
00:04:48,009 --> 00:04:54,939
going to open the oven what can i find

90
00:04:50,470 --> 00:04:56,920
in the oven maybe a nice lasagna whoo a

91
00:04:54,939 --> 00:05:00,069
vegetarian lasagna I think I'm in the

92
00:04:56,920 --> 00:05:01,540
mood for why not yeah yeah bit of chili

93
00:05:00,069 --> 00:05:03,089
sauce on it cuz I like to put chili

94
00:05:01,540 --> 00:05:05,980
sauce on just about everything I think

95
00:05:03,089 --> 00:05:08,769
well I'm munching away on my lasagna on

96
00:05:05,980 --> 00:05:11,370
this cold day I hope you enjoy the

97
00:05:08,769 --> 00:05:11,370
skeptical zone

98
00:05:29,980 --> 00:05:45,860
it's the raw skeptical report with Heidi

99
00:05:33,980 --> 00:05:48,830
Robertson hi everyone hearing richard

100
00:05:45,860 --> 00:05:51,170

Joe and Iran's report three weeks ago on

101

00:05:48,829 --> 00:05:53,959
the mind-body-spirit festival they

102

00:05:51,170 --> 00:05:55,580
attended in Sydney reminded me that I

103

00:05:53,959 --> 00:05:58,219
still have a large collection of

104

00:05:55,579 --> 00:06:01,819
material I gathered at the Brisbane mind

105

00:05:58,220 --> 00:06:03,740
body spirit in March of this year I got

106

00:06:01,819 --> 00:06:05,899
it out the other day and searched for

107

00:06:03,740 --> 00:06:08,689
the flyer that had particularly piqued

108

00:06:05,899 --> 00:06:11,509
my curiosity for its extraordinary

109

00:06:08,689 --> 00:06:13,490
claims but even more so the

110

00:06:11,509 --> 00:06:16,519
improbability of the device being

111

00:06:13,490 --> 00:06:18,319
advertised I think I can confidently say

112

00:06:16,519 --> 00:06:21,259
that I've never come across anything

113

00:06:18,319 --> 00:06:23,959
quite like this before as far as

114

00:06:21,259 --> 00:06:26,509
examples of where prior plausibility

115
00:06:23,959 --> 00:06:29,989
must come into play this is not only a

116
00:06:26,509 --> 00:06:34,699
good example this example takes the cake

117
00:06:29,990 --> 00:06:38,900
and the whole bakery with it so here we

118
00:06:34,699 --> 00:06:43,459
have it it's called bio resonance

119
00:06:38,899 --> 00:06:46,159
therapy I had about a 10 to 15 minute

120
00:06:43,459 --> 00:06:48,709
chat with the lady at this stall who I

121
00:06:46,160 --> 00:06:51,230
shall call Doris who was very friendly

122
00:06:48,709 --> 00:06:53,149
and open to my questions and it soon

123
00:06:51,230 --> 00:06:56,000
became evident that she is a true

124
00:06:53,149 --> 00:06:58,310
believer in this therapy I say that as

125
00:06:56,000 --> 00:07:00,769
opposed to a quack just out to make

126
00:06:58,310 --> 00:07:03,410
money knowing full well what they are

127
00:07:00,769 --> 00:07:07,579
spruiking is a scam she was definitely

128
00:07:03,410 --> 00:07:10,580
not one of those so Doris at least in my

129
00:07:07,579 --> 00:07:12,469
view is a victim albeit a victim who is

130
00:07:10,579 --> 00:07:15,319
now perpetuating the womb on a

131
00:07:12,470 --> 00:07:17,930
vulnerable public but I won't pick on

132
00:07:15,319 --> 00:07:20,649
her in particular by naming her as there

133
00:07:17,930 --> 00:07:24,400
are over 90 other practitioners in

134
00:07:20,649 --> 00:07:29,659
Australia and according to some websites

135
00:07:24,399 --> 00:07:31,319
13,000 devices in use worldwide so what

136
00:07:29,660 --> 00:07:33,689
is it who is

137
00:07:31,319 --> 00:07:35,790
behind the marketing of it how do they

138
00:07:33,689 --> 00:07:40,050
describe its workings and is there any

139
00:07:35,790 --> 00:07:42,060
evidence to support their claims the

140
00:07:40,050 --> 00:07:44,310
beginnings of bio residents therapy

141
00:07:42,060 --> 00:07:47,040
started with an acupuncturist in the

142
00:07:44,310 --> 00:07:51,329
1950s and the first machine was

143

00:07:47,040 --> 00:07:55,439
developed by a dr. France Morell a

144
00:07:51,329 --> 00:07:58,800
German physician in the 60s Morel was

145
00:07:55,439 --> 00:08:01,259
also allegedly a Scientologist which is

146
00:07:58,800 --> 00:08:04,259
interesting because what drew me to this

147
00:08:01,259 --> 00:08:06,120
stall at the mind-body-spirit was this

148
00:08:04,259 --> 00:08:08,819
machine that I thought looked remarkably

149
00:08:06,120 --> 00:08:11,750
similar to the a meter auditing

150
00:08:08,819 --> 00:08:15,540
contraption that scientologists use and

151
00:08:11,750 --> 00:08:18,810
yes as Scientology stand complete with a

152
00:08:15,540 --> 00:08:21,360
meter was also at a store nearby there

153
00:08:18,810 --> 00:08:24,480
have been many and varied models of bio

154
00:08:21,360 --> 00:08:26,129
residents machines over the years this

155
00:08:24,480 --> 00:08:32,909
particular company i'm looking at

156
00:08:26,129 --> 00:08:35,370
manufacturers their bio calm 2000 there

157
00:08:32,909 --> 00:08:38,879

is the german manufacturer of this brand

158

00:08:35,370 --> 00:08:40,860

and the australian distributor although

159

00:08:38,879 --> 00:08:45,090

presumably there are distributors

160

00:08:40,860 --> 00:08:47,730

worldwide the ailments claimed to be

161

00:08:45,090 --> 00:08:50,460

helped by a bioresonance therapy are as

162

00:08:47,730 --> 00:08:53,129

with many alternative therapies pretty

163

00:08:50,460 --> 00:08:54,900

much all encompassing enough weasel

164

00:08:53,129 --> 00:08:56,580

words have been used that one could

165

00:08:54,899 --> 00:08:59,370

argue that they are not claims at all

166

00:08:56,580 --> 00:09:03,180

but the insinuation in my opinion is

167

00:08:59,370 --> 00:09:04,919

clear doris mentions the following on

168

00:09:03,179 --> 00:09:07,620

her website and in her marketing

169

00:09:04,919 --> 00:09:10,099

material allergies anxiety stress

170

00:09:07,620 --> 00:09:13,769

chronic fatigue digestive complaints

171

00:09:10,100 --> 00:09:16,320

sinus hay fever candida migraine viruses

172
00:09:13,769 --> 00:09:19,259
parasites urinary tract infections

173
00:09:16,320 --> 00:09:21,720
radiation skin conditions heavy metal

174
00:09:19,259 --> 00:09:25,009
toxicity chemical sensitivities paying

175
00:09:21,720 --> 00:09:27,509
scars hormonal imbalances adda ADHD

176
00:09:25,009 --> 00:09:30,000
addictions emotional issues phobias

177
00:09:27,509 --> 00:09:32,610
self-esteem relationship issues and

178
00:09:30,000 --> 00:09:35,429
quitting smoking I'll get to the

179
00:09:32,610 --> 00:09:39,450
disclaimers later first I'll relate how

180
00:09:35,429 --> 00:09:42,209
this therapy is supposed to work the

181
00:09:39,450 --> 00:09:44,499
treatment is as follows the patient lies

182
00:09:42,210 --> 00:09:47,829
down comfortably on a treatment table

183
00:09:44,499 --> 00:09:50,558
with a modulation mat underneath them

184
00:09:47,828 --> 00:09:52,808
the practitioner applies an electrode to

185
00:09:50,558 --> 00:09:55,928
the patient's body the electrode is

186
00:09:52,808 --> 00:09:57,519
connected to the machine via a cable the

187
00:09:55,928 --> 00:09:59,619
following is directly from the

188
00:09:57,519 --> 00:10:01,869
australian distributors website just

189
00:09:59,619 --> 00:10:04,569
keep in mind that Andrew bury the

190
00:10:01,869 --> 00:10:08,649
distributor States he has a Bachelor of

191
00:10:04,568 --> 00:10:13,538
Science in chemistry and a PhD in atomic

192
00:10:08,649 --> 00:10:16,328
physics quote all substances emit a

193
00:10:13,538 --> 00:10:19,058
specific electromagnetic wave each with

194
00:10:16,328 --> 00:10:21,788
its own individual characteristics this

195
00:10:19,058 --> 00:10:24,728
is known as a frequency pattern the bike

196
00:10:21,788 --> 00:10:27,458
on device uses these frequency patterns

197
00:10:24,729 --> 00:10:29,549
taken either from the body or from

198
00:10:27,458 --> 00:10:32,858
substances that are stressing the body

199
00:10:29,548 --> 00:10:35,858
the by calm separates these waves into

200

00:10:32,859 --> 00:10:38,889
harmonious and dis harmonious components

201
00:10:35,859 --> 00:10:41,349
the healthy waves can be boosted and

202
00:10:38,889 --> 00:10:43,959
sent back to the body to strengthen

203
00:10:41,349 --> 00:10:47,369
normal functions while the unhealthy

204
00:10:43,958 --> 00:10:51,158
waves are inverted or turned upside down

205
00:10:47,369 --> 00:10:53,168
by an electronic mirror circuit before

206
00:10:51,158 --> 00:10:55,688
returning them to the body to reduce

207
00:10:53,168 --> 00:10:58,359
their negative effects with each

208
00:10:55,688 --> 00:11:01,568
treatment information from the body or

209
00:10:58,359 --> 00:11:05,189
substances is altered and sent back to

210
00:11:01,568 --> 00:11:09,668
the patient via a large electromagnetic

211
00:11:05,188 --> 00:11:14,168
therapy mat end quote they then give a

212
00:11:09,668 --> 00:11:15,938
couple of examples example one quote the

213
00:11:14,168 --> 00:11:19,269
patient presents with a runny nose and

214
00:11:15,938 --> 00:11:23,019

cough first we collect body secretions

215

00:11:19,269 --> 00:11:25,749

in this case mucus we use this sample as

216

00:11:23,019 --> 00:11:27,938

well as an electrode on the throat to

217

00:11:25,749 --> 00:11:30,609

input information into the bike on

218

00:11:27,938 --> 00:11:33,519

device the bike on detects this

219

00:11:30,609 --> 00:11:35,918

energetic information and then use its

220

00:11:33,519 --> 00:11:39,698

its internal filters to separate their

221

00:11:35,918 --> 00:11:41,798

healthy and unhealthy frequencies after

222

00:11:39,698 --> 00:11:44,468

amplifying the healthy frequencies and

223

00:11:41,798 --> 00:11:47,548

canceling out the unhealthy ones the

224

00:11:44,469 --> 00:11:52,720

signal is then returned to the body and

225

00:11:47,548 --> 00:11:56,318

quote let me clarify the patient's mucus

226

00:11:52,720 --> 00:11:58,389

is put into a beaker and subsequently

227

00:11:56,318 --> 00:12:01,599

the machine reads the

228

00:11:58,389 --> 00:12:04,449

frequency of the mucus boosting the good

229
00:12:01,600 --> 00:12:09,310
frequencies and eliminating the bad

230
00:12:04,450 --> 00:12:12,340
frequencies extraordinary claim example

231
00:12:09,309 --> 00:12:14,649
to quote the patient presents with an

232
00:12:12,340 --> 00:12:17,490
allergic response to a food additive in

233
00:12:14,649 --> 00:12:20,679
this example we are dealing with a toxin

234
00:12:17,490 --> 00:12:23,259
unlike the previous example there is no

235
00:12:20,679 --> 00:12:25,599
healthy aspect to this substance so a

236
00:12:23,259 --> 00:12:28,090
vial containing the food additive will

237
00:12:25,600 --> 00:12:30,430
be used as the input the frequency

238
00:12:28,090 --> 00:12:32,920
pattern of the additive is passed

239
00:12:30,429 --> 00:12:36,069
through a filter which then inverts it

240
00:12:32,919 --> 00:12:38,769
this new frequency is then sent back to

241
00:12:36,070 --> 00:12:44,110
the body this cancels the effect of the

242
00:12:38,769 --> 00:12:46,179
toxin on the patient and quote I'm sorry

243
00:12:44,110 --> 00:12:48,100
but having treated patients myself

244
00:12:46,179 --> 00:12:50,079
suffering the most severe form of

245
00:12:48,100 --> 00:12:53,649
allergy life-threatening anaphylaxis

246
00:12:50,080 --> 00:12:55,629
it's downright irresponsible if they are

247
00:12:53,649 --> 00:12:58,509
claiming to diagnose or treat allergies

248
00:12:55,629 --> 00:13:00,129
if a patient thinks they have been cured

249
00:12:58,509 --> 00:13:01,899
of their life threatening allergy what's

250
00:13:00,129 --> 00:13:03,789
to say they will not expose themselves

251
00:13:01,899 --> 00:13:08,319
to the allergen once more in order to

252
00:13:03,789 --> 00:13:11,379
test it out it gets better there is also

253
00:13:08,320 --> 00:13:16,090
a different model of the by com 2000

254
00:13:11,379 --> 00:13:18,250
called the Optima quote practitioners

255
00:13:16,090 --> 00:13:22,090
with a knowledge of homeopathy can use

256
00:13:18,250 --> 00:13:26,110
the Optima 2 / 10 ties substances in the

257

00:13:22,090 --> 00:13:28,780
range d 32 d 1000 a substance is placed

258
00:13:26,110 --> 00:13:30,820
into the input beaker and the signal is

259
00:13:28,779 --> 00:13:33,159
transmitted to a violin the output

260
00:13:30,820 --> 00:13:36,220
beaker containing a suitable storage

261
00:13:33,159 --> 00:13:38,139
medium the output may also be

262
00:13:36,220 --> 00:13:41,230
transmitted directly to the patient

263
00:13:38,139 --> 00:13:45,639
using the modulation mat and can also be

264
00:13:41,230 --> 00:13:48,220
stored inside a by calm chip the chip

265
00:13:45,639 --> 00:13:51,100
storage device is used to store the

266
00:13:48,220 --> 00:13:53,740
treatment signal inside a stainless

267
00:13:51,100 --> 00:13:55,389
steel chip it can then be attached to

268
00:13:53,740 --> 00:13:57,549
the body to allow for additional

269
00:13:55,389 --> 00:14:03,519
treatment after the initial therapy

270
00:13:57,549 --> 00:14:05,799
session is over end quote now for the

271
00:14:03,519 --> 00:14:08,230

disclaimers perhaps if you are so

272

00:14:05,799 --> 00:14:11,079

inclined Google by our resonance therapy

273

00:14:08,230 --> 00:14:11,980

find a practitioner near you and see if

274

00:14:11,080 --> 00:14:15,460

they have similar

275

00:14:11,980 --> 00:14:17,230

disclaimers in place so it seems that in

276

00:14:15,460 --> 00:14:19,300

alternative medicine if you are

277

00:14:17,230 --> 00:14:21,970

forbidden from making specific health

278

00:14:19,299 --> 00:14:24,399

claims the next best thing is gathering

279

00:14:21,970 --> 00:14:26,910

a large volume of glowing testimonials

280

00:14:24,399 --> 00:14:30,399

to make the claims for you aka

281

00:14:26,909 --> 00:14:34,629

Australian chef paleo Pete Evans style

282

00:14:30,399 --> 00:14:36,639

this from the german website quote you

283

00:14:34,629 --> 00:14:38,980

will no doubt be interested in finding

284

00:14:36,639 --> 00:14:42,340

out which illnesses bike on bioresonance

285

00:14:38,980 --> 00:14:44,529

therapy is able to treat unfortunately

286
00:14:42,340 --> 00:14:46,600
we cannot provide this information here

287
00:14:44,529 --> 00:14:48,339
since the law on advertising in the

288
00:14:46,600 --> 00:14:51,550
health care system in germany will not

289
00:14:48,340 --> 00:14:53,350
allow us to do so however we would be

290
00:14:51,549 --> 00:14:55,959
happy to give you the names of by comp

291
00:14:53,350 --> 00:14:59,110
therapists who you can contact with your

292
00:14:55,960 --> 00:15:00,370
queries end quote the information

293
00:14:59,110 --> 00:15:02,080
brochure from the australian

294
00:15:00,370 --> 00:15:05,139
distributors website contains the

295
00:15:02,080 --> 00:15:08,170
following disclaimer quote just like

296
00:15:05,139 --> 00:15:10,480
homeopathy acupuncture and other methods

297
00:15:08,169 --> 00:15:12,759
of complementary therapy by cone

298
00:15:10,480 --> 00:15:15,820
bioresonance is a form of regulatory

299
00:15:12,759 --> 00:15:17,980
medicine within complementary medicine

300
00:15:15,820 --> 00:15:19,810
by con bioresonance therapy is

301
00:15:17,980 --> 00:15:22,750
recognized as an effective

302
00:15:19,809 --> 00:15:25,689
tried-and-tested method in Orthodox

303
00:15:22,750 --> 00:15:27,909
medicine however by conveyor residents

304
00:15:25,690 --> 00:15:30,310
has not been subject to scientific

305
00:15:27,909 --> 00:15:33,370
research and is therefore not yet

306
00:15:30,309 --> 00:15:36,459
approved all claims made regarding

307
00:15:33,370 --> 00:15:38,830
effects properties and indications are

308
00:15:36,460 --> 00:15:41,290
based on findings and empirical values

309
00:15:38,830 --> 00:15:46,570
from bike on bio residents therapy

310
00:15:41,289 --> 00:15:48,939
itself end quote there is a downloadable

311
00:15:46,570 --> 00:15:52,060
section on that website at bike on

312
00:15:48,940 --> 00:15:54,670
australia come you that contains

313
00:15:52,059 --> 00:15:57,729
apparent scientific evidence of the

314

00:15:54,669 --> 00:16:00,159
efficacy of the therapy I'll leave it up

315
00:15:57,730 --> 00:16:04,539
to you to determine the veracity of

316
00:16:00,159 --> 00:16:07,600
those studies Doris has also placed a

317
00:16:04,539 --> 00:16:09,699
disclaimer on her website quote when we

318
00:16:07,600 --> 00:16:12,759
answer your questions we only provide

319
00:16:09,700 --> 00:16:15,759
information we do not diagnose disease

320
00:16:12,759 --> 00:16:18,819
nor do we prescribe anything or advise

321
00:16:15,759 --> 00:16:20,950
you to give up existing medications this

322
00:16:18,820 --> 00:16:24,070
is a decision to be made only by your

323
00:16:20,950 --> 00:16:25,329
self and doctor if you act on any

324
00:16:24,070 --> 00:16:27,489
information we

325
00:16:25,328 --> 00:16:30,068
I'd without your doctor's approval you

326
00:16:27,489 --> 00:16:31,959
are prescribing yourself that is your

327
00:16:30,068 --> 00:16:35,139
right to do so but we take no

328
00:16:31,958 --> 00:16:39,248

responsibility or liability for your

329

00:16:35,139 --> 00:16:40,989

actions end quote during my talk with

330

00:16:39,249 --> 00:16:43,540

Doris I remarked how passionate she

331

00:16:40,989 --> 00:16:45,459

appeared to be about the therapy she

332

00:16:43,539 --> 00:16:47,469

told me that she had outlaid forty

333

00:16:45,458 --> 00:16:49,899

thousand dollars for two of these

334

00:16:47,470 --> 00:16:52,540

machines in order to start up her own

335

00:16:49,899 --> 00:16:55,448

business looking online I see the

336

00:16:52,539 --> 00:16:58,238

Australian distributor charges 2040

337

00:16:55,448 --> 00:17:00,548

dollars for a 6 day course enabling

338

00:16:58,239 --> 00:17:03,610

someone with no prior medical experience

339

00:17:00,548 --> 00:17:06,099

to set up shop and claim but not claim

340

00:17:03,610 --> 00:17:08,798

to treat the above wide variety of

341

00:17:06,099 --> 00:17:12,338

ailments the Optima machine models

342

00:17:08,798 --> 00:17:16,599

ranging price from 26,000 to thirty-one

343
00:17:12,338 --> 00:17:19,058
thousand dollars each of course there

344
00:17:16,599 --> 00:17:21,428
are ongoing costs once one has brought

345
00:17:19,058 --> 00:17:24,519
the machine vials of homeopathic

346
00:17:21,429 --> 00:17:27,329
substances from Germany for example that

347
00:17:24,519 --> 00:17:29,919
are used in conjunction with the machine

348
00:17:27,328 --> 00:17:32,288
considering the considerable startup

349
00:17:29,919 --> 00:17:34,120
costs it's not surprising that Doris

350
00:17:32,288 --> 00:17:37,450
charges two hundred and forty dollars

351
00:17:34,119 --> 00:17:39,658
for the initial to our consultation she

352
00:17:37,450 --> 00:17:42,759
also sells products on her website

353
00:17:39,659 --> 00:17:45,370
including supplements pain relief and

354
00:17:42,759 --> 00:17:48,339
detoxing in the form of power strips

355
00:17:45,369 --> 00:17:51,668
which could be a whole other skeptics

356
00:17:48,339 --> 00:17:56,619
own report in itself and various methods

357
00:17:51,669 --> 00:17:58,538
of EMF and radiation protection so apart

358
00:17:56,619 --> 00:18:01,028
from making one's wallet decidedly

359
00:17:58,538 --> 00:18:03,970
lighter what's the harm as they say an

360
00:18:01,028 --> 00:18:05,409
adult has bodily autonomy and a right to

361
00:18:03,970 --> 00:18:08,558
choose their own medical treatment

362
00:18:05,409 --> 00:18:10,600
here's an example of one such real-life

363
00:18:08,558 --> 00:18:13,418
case which has made all the more tragic

364
00:18:10,599 --> 00:18:16,928
because it was not an adult with their

365
00:18:13,419 --> 00:18:19,179
own bodily autonomy it was an 18 day old

366
00:18:16,929 --> 00:18:22,720
baby whose parents made the wrong

367
00:18:19,179 --> 00:18:25,840
decision as a result of this specific

368
00:18:22,720 --> 00:18:27,639
brand of pseudoscience I'm now going to

369
00:18:25,839 --> 00:18:30,099
quote an article from the Society for

370
00:18:27,638 --> 00:18:33,490
science-based medicine by dr. Steven

371

00:18:30,099 --> 00:18:35,798
Barrett it describes how a bio residence

372
00:18:33,490 --> 00:18:38,440
machine in this case of the a brand

373
00:18:35,798 --> 00:18:38,799
called the Mora machine was used by a

374
00:18:38,440 --> 00:18:43,029
nap

375
00:18:38,799 --> 00:18:48,190
a path on a small baby quote in august

376
00:18:43,029 --> 00:18:50,649
2003 Reginald Harold Fenn 74 of Port

377
00:18:48,190 --> 00:18:52,870
Stephens Australia was found guilty of

378
00:18:50,650 --> 00:18:55,390
manslaughter in connection with the

379
00:18:52,869 --> 00:18:58,329
death of 18 day old Mitchell James

380
00:18:55,390 --> 00:19:01,870
little who was born with aortic stenosis

381
00:18:58,329 --> 00:19:04,929
a structural heart defect that surgery

382
00:19:01,869 --> 00:19:07,779
can repair during a nine-day trial

383
00:19:04,930 --> 00:19:11,410
witnesses testified that fen had treated

384
00:19:07,779 --> 00:19:14,470
the baby in 1999 with her ball drops and

385
00:19:11,410 --> 00:19:17,259

a more a machine and declared that he

386

00:19:14,470 --> 00:19:19,690

was cured he recommended that parents

387

00:19:17,259 --> 00:19:22,690

Michael and Elizabeth little not allow

388

00:19:19,690 --> 00:19:24,400

their baby to undergo surgery mr. and

389

00:19:22,690 --> 00:19:27,100

mrs. little then canceled an appointment

390

00:19:24,400 --> 00:19:29,500

at Westmead Hospital where Mitchell was

391

00:19:27,099 --> 00:19:31,629

to be evaluated for an operation to

392

00:19:29,500 --> 00:19:33,940

repair or replace the narrowed aortic

393

00:19:31,630 --> 00:19:36,940

valve that was putting pressure on his

394

00:19:33,940 --> 00:19:38,740

enlarged and overworked heart the

395

00:19:36,940 --> 00:19:41,259

appointment was rescheduled after

396

00:19:38,740 --> 00:19:43,539

doctors intervened but Mitchell died of

397

00:19:41,259 --> 00:19:46,660

heart failure before an operation could

398

00:19:43,539 --> 00:19:48,940

be carried out Elizabeth little

399

00:19:46,660 --> 00:19:50,620

testified that Finn had put two metal

400
00:19:48,940 --> 00:19:54,309
cylinders on the baby's legs and

401
00:19:50,619 --> 00:19:56,829
attached them to a machine she also said

402
00:19:54,309 --> 00:19:58,960
fen told them it would supply energy to

403
00:19:56,829 --> 00:20:01,480
the body and cure Mitchell's heart

404
00:19:58,960 --> 00:20:05,890
problem and that he had cured hundreds

405
00:20:01,480 --> 00:20:09,880
with a similar condition end quote in

406
00:20:05,890 --> 00:20:12,640
February of 2004 Fenn was sentenced to

407
00:20:09,880 --> 00:20:15,760
five years jail but the judge suspended

408
00:20:12,640 --> 00:20:19,060
the sentence due to fence terminal skull

409
00:20:15,759 --> 00:20:23,319
cancer which apparently was not able to

410
00:20:19,059 --> 00:20:26,669
be cured by bioresonance therapy that's

411
00:20:23,319 --> 00:20:31,419
all from me this time you can find me at

412
00:20:26,670 --> 00:20:35,529
nrvs dot info as well as at the twitter

413
00:20:31,420 --> 00:20:48,009
handle in our vac supportive

414
00:20:35,529 --> 00:20:50,139
that's vix thank you the skeptic

415
00:20:48,009 --> 00:20:53,109
magazine the journal from Australian

416
00:20:50,140 --> 00:20:56,530
skeptics subscribe online to the world's

417
00:20:53,109 --> 00:21:00,179
second oldest skeptical magazine visit w

418
00:20:56,529 --> 00:21:03,279
WC apx com au and click the

419
00:21:00,180 --> 00:21:07,690
publication's league you can also find

420
00:21:03,279 --> 00:21:10,779
their over 30 years on back issues free

421
00:21:07,690 --> 00:21:21,039
to download the skeptic magazine from

422
00:21:10,779 --> 00:21:23,410
Australian skeptics on Maynard com au

423
00:21:21,039 --> 00:21:26,139
coming up in this episode of bunga bunga

424
00:21:23,410 --> 00:21:32,650
15 Tim comes clean and apologizes for

425
00:21:26,140 --> 00:21:34,180
his behavior should cats unionize we

426
00:21:32,650 --> 00:21:36,269
visit backstage with a dog Anthony all

427
00:21:34,180 --> 00:21:39,460
stars and their audience at any point

428

00:21:36,269 --> 00:21:44,950
any three these guys could go down and a

429
00:21:39,460 --> 00:21:47,140
touch of Shirley Bassey a touch just a

430
00:21:44,950 --> 00:22:02,440
touch maybe a stroke of her cheek on

431
00:21:47,140 --> 00:22:04,930
Manor condo you hey you welcome to a

432
00:22:02,440 --> 00:22:07,269
week in science from our iOS bringing

433
00:22:04,930 --> 00:22:08,920
you the science you need to know ever

434
00:22:07,269 --> 00:22:10,720
wanted to take a stroll on the surface

435
00:22:08,920 --> 00:22:12,279
of Mars may be analyzed some rock

436
00:22:10,720 --> 00:22:14,410
formations well thanks to a

437
00:22:12,279 --> 00:22:16,089
collaboration between NASA and Microsoft

438
00:22:14,410 --> 00:22:18,480
scientists are getting the chance to do

439
00:22:16,089 --> 00:22:18,480
just that

440
00:22:24,380 --> 00:22:29,400
although it's about 55 million

441
00:22:26,819 --> 00:22:32,189
kilometers away at best and times as far

442
00:22:29,400 --> 00:22:34,200

as 400 million kilometers away thanks to

443

00:22:32,190 --> 00:22:36,000

virtual reality the surface of Mars has

444

00:22:34,200 --> 00:22:38,100

never been closer as long as you've got

445

00:22:36,000 --> 00:22:40,559

the right accessories strapon a

446

00:22:38,099 --> 00:22:42,299

microsoft hololens headset and fire up

447

00:22:40,559 --> 00:22:44,909

their on-site software and you'll be

448

00:22:42,299 --> 00:22:46,950

transported to another world using data

449

00:22:44,910 --> 00:22:48,269

from the Curiosity rover the virtual

450

00:22:46,950 --> 00:22:50,340

reality system creates a

451

00:22:48,269 --> 00:22:53,190

three-dimensional explorable planetary

452

00:22:50,339 --> 00:22:55,679

surface scientists can behave just like

453

00:22:53,190 --> 00:22:57,180

geologists to here on earth walking

454

00:22:55,680 --> 00:22:59,250

around an object to get a better view

455

00:22:57,180 --> 00:23:01,350

crouching down to inspect it from a new

456

00:22:59,250 --> 00:23:03,240

angle and understanding the spatial

457
00:23:01,349 --> 00:23:07,769
relationships between objects in a more

458
00:23:03,240 --> 00:23:09,299
natural human way researchers can also

459
00:23:07,769 --> 00:23:10,650
do things like target an object by

460
00:23:09,299 --> 00:23:13,169
looking at it and use gesture-based

461
00:23:10,650 --> 00:23:14,880
menus to program the rover the

462
00:23:13,170 --> 00:23:17,490
technology can bring together scientists

463
00:23:14,880 --> 00:23:18,840
from all over the world researchers from

464
00:23:17,490 --> 00:23:20,609
different countries can both wear

465
00:23:18,839 --> 00:23:22,439
headsets and access the same mars

466
00:23:20,609 --> 00:23:25,199
surface program communicating directly

467
00:23:22,440 --> 00:23:27,269
through the system NASA's next steps for

468
00:23:25,200 --> 00:23:29,970
exploring Mars are to send an orbiter in

469
00:23:27,269 --> 00:23:32,819
2016 participate in the European Space

470
00:23:29,970 --> 00:23:36,000
Agency's rover mission in 2018 and send

471
00:23:32,819 --> 00:23:40,259
that iron Rover in 2020 and now for fast

472
00:23:36,000 --> 00:23:42,660
facts about the red planet Mars is about

473
00:23:40,259 --> 00:23:44,369
half the size of Earth but the land area

474
00:23:42,660 --> 00:23:47,279
of both planets is about the same

475
00:23:44,369 --> 00:23:50,489
depending on planetary positions launch

476
00:23:47,279 --> 00:23:52,980
speed and fuel load it takes between 150

477
00:23:50,490 --> 00:23:55,650
and 300 days the spacecraft to travel

478
00:23:52,980 --> 00:23:58,500
from Earth to Mars the first Mars rover

479
00:23:55,650 --> 00:24:00,720
the Pathfinder Surgenor landed in 1997

480
00:23:58,500 --> 00:24:03,240
the spirit and the opportunity arrived

481
00:24:00,720 --> 00:24:05,930
in 2004 and curiosity has been

482
00:24:03,240 --> 00:24:08,490
patrolling the surface since 2012

483
00:24:05,930 --> 00:24:10,440
curiosity has a tendency to take selfies

484
00:24:08,490 --> 00:24:12,450
but relies on its friends back on earth

485

00:24:10,440 --> 00:24:14,580
to digitally remove the extendable arm

486
00:24:12,450 --> 00:24:16,830
that takes the snap that's it for this

487
00:24:14,579 --> 00:24:19,849
week in science for more information on

488
00:24:16,829 --> 00:24:23,849
exploring Mars go to the rirs website RI

489
00:24:19,849 --> 00:24:26,808
aus org dot a you follow us on twitter

490
00:24:23,849 --> 00:24:28,519
at our iOS and like us on facebook

491
00:24:26,808 --> 00:24:45,048
Casey Harrigan and we'll catch you next

492
00:24:28,519 --> 00:24:47,058
week virtual skeptics is a weekly web

493
00:24:45,048 --> 00:24:49,668
show in which we discuss the latest news

494
00:24:47,058 --> 00:24:51,138
in skepticism whether it's a new case of

495
00:24:49,669 --> 00:24:53,360
spontaneous human combustion a

496
00:24:51,138 --> 00:24:55,579
conspiracy theory the latest update on

497
00:24:53,359 --> 00:24:57,229
the upcoming robot apocalypse tech news

498
00:24:55,579 --> 00:24:59,720
for skeptics are the latest wacky

499
00:24:57,230 --> 00:25:02,118

religious claim we cover it all we

500

00:24:59,720 --> 00:25:04,759

record the show live as a Google+ on-air

501

00:25:02,118 --> 00:25:06,589

hang out so join us in our host Brian

502

00:25:04,759 --> 00:25:08,690

Gregory for an hour of mostly

503

00:25:06,589 --> 00:25:11,599

intelligent talk every wednesday at

504

00:25:08,690 --> 00:25:14,600

eight pm eastern US time watch us at

505

00:25:11,599 --> 00:25:17,269

virtual skeptics calm and participate in

506

00:25:14,599 --> 00:25:20,209

the show on our hashtag virtual skeptics

507

00:25:17,269 --> 00:25:23,888

the virtual skeptics it's like meet the

508

00:25:20,210 --> 00:25:23,889

press but with chupacabras

509

00:25:31,839 --> 00:25:36,919

joining me now from the good thinking

510

00:25:34,579 --> 00:25:39,439

society all the way from Liverpool I

511

00:25:36,920 --> 00:25:42,019

must visit Liverpool one day Michael

512

00:25:39,440 --> 00:25:44,180

Marshall hello Marsh hi Richard hi how

513

00:25:42,019 --> 00:25:46,549

you doing I'm doing fine thanks Marsh

514
00:25:44,180 --> 00:25:48,080
but I'm really interested to catch up

515
00:25:46,549 --> 00:25:49,970
with you and I love catching up with you

516
00:25:48,079 --> 00:25:52,099
and the good thinking society every now

517
00:25:49,970 --> 00:25:54,500
and then on the skeptic zone because

518
00:25:52,099 --> 00:25:56,419
some very important investigations have

519
00:25:54,500 --> 00:25:58,549
been done by you people which are really

520
00:25:56,420 --> 00:26:00,250
it's it's a beacon for everybody what

521
00:25:58,549 --> 00:26:03,379
can you tell me has been going on lately

522
00:26:00,250 --> 00:26:04,880
and this thing the spirit of health has

523
00:26:03,380 --> 00:26:07,310
been brought to my attention what's that

524
00:26:04,880 --> 00:26:10,220
all about yes so we're spirit of health

525
00:26:07,309 --> 00:26:12,230
was this weekend conference that was

526
00:26:10,220 --> 00:26:14,930
taking place in Brighton very far down

527
00:26:12,230 --> 00:26:17,000
in the south coast here in the UK and it

528
00:26:14,930 --> 00:26:19,220
was being run by one of the members of

529
00:26:17,000 --> 00:26:21,049
the Genesis to church and your listeners

530
00:26:19,220 --> 00:26:23,870
might be familiar with Genesis to their

531
00:26:21,049 --> 00:26:26,149
the the church court and court that was

532
00:26:23,869 --> 00:26:28,429
set up by the archbishop Jim Humble

533
00:26:26,150 --> 00:26:30,500
who's the guy who peddles a miracle

534
00:26:28,430 --> 00:26:33,680
mineral solution a sodium chlorite or

535
00:26:30,500 --> 00:26:37,190
industrial bleach to cure literally

536
00:26:33,680 --> 00:26:39,470
everything you know HIV Ebola cancer

537
00:26:37,190 --> 00:26:40,630
everything that's going in the big

538
00:26:39,470 --> 00:26:43,610
league thing at the moment is that

539
00:26:40,630 --> 00:26:46,280
acolytes of his are giving this stuff as

540
00:26:43,609 --> 00:26:48,889
an enema to autistic children as a cure

541
00:26:46,279 --> 00:26:51,259
for autism because obviously autism is

542

00:26:48,890 --> 00:26:53,180
caused by parasites in the gut ukai

543
00:26:51,259 --> 00:26:56,779
worms you just can't make this stuff up

544
00:26:53,180 --> 00:26:59,330
March this is this is every now then I

545
00:26:56,779 --> 00:27:01,009
have to stop and think I have I heard it

546
00:26:59,329 --> 00:27:02,509
all before have I heard everything now I

547
00:27:01,009 --> 00:27:05,720
haven't heard everything here this is

548
00:27:02,509 --> 00:27:08,029
bizarre it is and you know it's it's

549
00:27:05,720 --> 00:27:10,160
it's tragic and all I mean if you think

550
00:27:08,029 --> 00:27:11,509
of the experiences these poor children

551
00:27:10,160 --> 00:27:12,529
are going through these autistic

552
00:27:11,509 --> 00:27:14,269
children are going through where their

553
00:27:12,529 --> 00:27:16,910
parents are given them bleach enemas and

554
00:27:14,269 --> 00:27:19,279
then the parents are kind of looking

555
00:27:16,910 --> 00:27:21,320
through their stool samples to find

556
00:27:19,279 --> 00:27:22,819

evidence of parasites and they hold a

557

00:27:21,319 --> 00:27:24,500

little things that look like worms and

558

00:27:22,819 --> 00:27:25,789

in fact what that is it's part of the

559

00:27:24,500 --> 00:27:28,130

intestinal lining that's being shared

560

00:27:25,789 --> 00:27:30,349

because it's been attacked with Lee so

561

00:27:28,130 --> 00:27:32,900

it's it's incredibly heartbreakingly

562

00:27:30,349 --> 00:27:34,009

kind of grotesque as a form of

563

00:27:32,900 --> 00:27:35,900

alternative medicine and of course these

564

00:27:34,009 --> 00:27:37,329

parents totally believe it and that

565

00:27:35,900 --> 00:27:38,830

they're just confused

566

00:27:37,329 --> 00:27:42,639

they're in a position where they you

567

00:27:38,829 --> 00:27:44,949

know they don't have any answers for why

568

00:27:42,640 --> 00:27:47,140

their children are this way their

569

00:27:44,950 --> 00:27:48,340

children happen to be autistic we don't

570

00:27:47,140 --> 00:27:50,710

know about at the moment it's just a

571
00:27:48,339 --> 00:27:53,349
thing that we we know happens whereas on

572
00:27:50,710 --> 00:27:56,799
the other side we have this snake oil

573
00:27:53,349 --> 00:27:58,959
salesman aura is a similar who are

574
00:27:56,799 --> 00:28:01,089
making these huge outrageous definitive

575
00:27:58,960 --> 00:28:04,569
claims and I can certainly see why it'd

576
00:28:01,089 --> 00:28:07,599
be very easy to believe in those those

577
00:28:04,569 --> 00:28:09,189
assurances of certainty than to to live

578
00:28:07,599 --> 00:28:11,709
in uncertainty which is where we all are

579
00:28:09,190 --> 00:28:13,420
unfortunately but yeah it means that

580
00:28:11,710 --> 00:28:15,009
people are doing quite horrible things

581
00:28:13,420 --> 00:28:16,200
with this bleach stuff and so this this

582
00:28:15,009 --> 00:28:19,509
conference is being put on by the

583
00:28:16,200 --> 00:28:21,069
purveyors of this stuff and they had a

584
00:28:19,509 --> 00:28:22,839
couple of different speakers all there

585
00:28:21,069 --> 00:28:24,490
and what this because was someone that

586
00:28:22,839 --> 00:28:25,839
some of your listeners will also be

587
00:28:24,490 --> 00:28:27,910
familiar with I imagine because he's a

588
00:28:25,839 --> 00:28:29,829
fellow national of yours that he's a

589
00:28:27,910 --> 00:28:33,130
adrian jones she's a natural natural

590
00:28:29,829 --> 00:28:34,899
path all right okay well naturopath

591
00:28:33,130 --> 00:28:37,810
meaning that anything they wanted to

592
00:28:34,900 --> 00:28:39,850
mean I think yeah essentially so yeah

593
00:28:37,809 --> 00:28:41,589
yeah so we saw that this kind of

594
00:28:39,849 --> 00:28:43,779
conference is taking place and it was

595
00:28:41,589 --> 00:28:45,970
literally just after QED I think while

596
00:28:43,779 --> 00:28:47,500
we were at QED and I was up on stage

597
00:28:45,970 --> 00:28:49,509
doing what I normally do which is kind

598
00:28:47,500 --> 00:28:51,519
of saying to people it's actually not

599

00:28:49,509 --> 00:28:52,660
that hard to get involved in nonsense

600
00:28:51,519 --> 00:28:54,670
that's around you it's actually quite

601
00:28:52,660 --> 00:28:56,620
you end up in strange adventures and fun

602
00:28:54,670 --> 00:28:59,380
places as well as seeing quite harrowing

603
00:28:56,619 --> 00:29:01,149
things because I've been saying this a

604
00:28:59,380 --> 00:29:03,550
guy called Tom Bruce from the Brighton

605
00:29:01,150 --> 00:29:05,350
skeptics came up to me and said I live

606
00:29:03,549 --> 00:29:07,419
just by this where this conference is

607
00:29:05,349 --> 00:29:08,619
going to take place and I was thinking

608
00:29:07,420 --> 00:29:10,810
of going along and handing out leaflets

609
00:29:08,619 --> 00:29:12,939
or talking to people what should I do

610
00:29:10,809 --> 00:29:14,440
and fortunately the good thinking

611
00:29:12,940 --> 00:29:16,840
society we were able to actually buy Tom

612
00:29:14,440 --> 00:29:18,250
a ticket into the event and send him

613
00:29:16,839 --> 00:29:20,980

along there so he went along with his

614

00:29:18,250 --> 00:29:22,119

his phone to see what kind of claims are

615

00:29:20,980 --> 00:29:24,009

being made me was actually able to

616

00:29:22,119 --> 00:29:26,529

capture undercover footage of some

617

00:29:24,009 --> 00:29:27,940

pretty pretty crazy stuff I mean one of

618

00:29:26,529 --> 00:29:31,539

the things that Adrienne Jones was

619

00:29:27,940 --> 00:29:33,160

saying and it just shows how harmful bad

620

00:29:31,539 --> 00:29:34,659

ideas are when they're left unchecked

621

00:29:33,160 --> 00:29:36,519

because it's very easy to say well

622

00:29:34,660 --> 00:29:38,710

that's your pathway kind of natural and

623

00:29:36,519 --> 00:29:40,809

kind of soft and gentle turn if medicine

624

00:29:38,710 --> 00:29:43,180

never do you know the nice tease and

625

00:29:40,809 --> 00:29:44,710

nice smells but actually when you leave

626

00:29:43,180 --> 00:29:46,360

it unchecked they go to quite extreme

627

00:29:44,710 --> 00:29:48,840

places and one of things agent Jones was

628
00:29:46,359 --> 00:29:54,199
talking about was using black salv which

629
00:29:48,839 --> 00:29:56,189
hugely kind of corrosive zinc filled a

630
00:29:54,200 --> 00:29:58,470
salvo each bite on your skin when you

631
00:29:56,190 --> 00:30:00,210
have cancer and it apparently draws the

632
00:29:58,470 --> 00:30:01,620
cancer out well actually what it's doing

633
00:30:00,210 --> 00:30:04,019
is its kind of burning your skin and

634
00:30:01,619 --> 00:30:07,829
just leaving gaping holes in your skin

635
00:30:04,019 --> 00:30:09,990
it's a really really bad idea that is an

636
00:30:07,829 --> 00:30:12,359
awful substance and we've seen horrible

637
00:30:09,990 --> 00:30:15,298
examples of what it can do certainly

638
00:30:12,359 --> 00:30:17,759
I've seen some very disturbing images it

639
00:30:15,298 --> 00:30:19,950
really it's like an acid on the skin

640
00:30:17,759 --> 00:30:21,538
almost isn't it it really I don't know

641
00:30:19,950 --> 00:30:24,360
if it rots the skin or it eats away the

642
00:30:21,538 --> 00:30:25,980
skin but it's it's bad news yeah it's an

643
00:30:24,359 --> 00:30:28,019
escarole that they say so close to Chris

644
00:30:25,980 --> 00:30:30,899
I can ask you like a kind of action kind

645
00:30:28,019 --> 00:30:32,579
of scam out of your skin and just keep

646
00:30:30,898 --> 00:30:35,939
pulling more and more stuff into that

647
00:30:32,579 --> 00:30:38,579
and I always said to people don't google

648
00:30:35,940 --> 00:30:40,019
for images of black South people always

649
00:30:38,579 --> 00:30:41,220
inevitably do and then say to me I

650
00:30:40,019 --> 00:30:43,109
shouldn't have done because it's quiet

651
00:30:41,220 --> 00:30:45,659
it is quite horrible but you can see

652
00:30:43,109 --> 00:30:46,829
imagine it's that bad well actually at

653
00:30:45,659 --> 00:30:47,909
this conference he was saying you know

654
00:30:46,829 --> 00:30:49,139
if you've got this is the only one

655
00:30:47,909 --> 00:30:51,090
hundred percent cure for skin cancer

656

00:30:49,140 --> 00:30:52,470
it's guaranteed results all like all

657
00:30:51,089 --> 00:30:54,329
those kind of things and he probably uh

658
00:30:52,470 --> 00:30:56,700
Turley believes I think he probably does

659
00:30:54,329 --> 00:30:58,678
but it doesn't make it harmless because

660
00:30:56,700 --> 00:31:01,620
at this conference is a guy in the

661
00:30:58,679 --> 00:31:03,179
audience during a Q&A who says well I've

662
00:31:01,619 --> 00:31:04,619
had throat cancer you could barely hear

663
00:31:03,179 --> 00:31:06,028
the guy speak unfortunately this is

664
00:31:04,619 --> 00:31:08,278
sometimes we were able to kind of

665
00:31:06,028 --> 00:31:10,679
publish but he said well I've had throat

666
00:31:08,278 --> 00:31:13,169
cancer about four or five years ago and

667
00:31:10,679 --> 00:31:14,759
I keep wanting me to go back for

668
00:31:13,169 --> 00:31:16,950
appointments could I have done something

669
00:31:14,759 --> 00:31:18,750
with black South and aging John says to

670
00:31:16,950 --> 00:31:20,370

him yes blacks out what you should be

671

00:31:18,750 --> 00:31:22,259

doing is you should be gargling with

672

00:31:20,369 --> 00:31:24,839

black self to cure your throat cancer

673

00:31:22,259 --> 00:31:27,509

that would do it which just seems like

674

00:31:24,839 --> 00:31:30,449

incredibly bad advice to God was

675

00:31:27,509 --> 00:31:32,669

something that's so corrosive and then

676

00:31:30,450 --> 00:31:33,960

he says the guy that but if you asking

677

00:31:32,669 --> 00:31:36,120

if your throat cancer was a couple of

678

00:31:33,960 --> 00:31:37,350

years ago now you don't need to do

679

00:31:36,119 --> 00:31:38,668

anything more you don't need to go back

680

00:31:37,349 --> 00:31:40,199

if you're supposed to be having

681

00:31:38,669 --> 00:31:41,370

appointments you don't need to go back

682

00:31:40,200 --> 00:31:43,649

for a checkup you'd have known within

683

00:31:41,369 --> 00:31:45,479

weeks whether they got it all so here we

684

00:31:43,648 --> 00:31:46,678

are four or five years later the only

685
00:31:45,480 --> 00:31:49,380
reason they want you going back for a

686
00:31:46,679 --> 00:31:50,640
check-up is to widen their bank balance

687
00:31:49,380 --> 00:31:53,010
is to fill their bank accounts and

688
00:31:50,640 --> 00:31:54,990
nothing more than that which is just

689
00:31:53,009 --> 00:31:56,398
horrible advice for somebody who's in

690
00:31:54,990 --> 00:31:57,990
remission from cancer it's the worst

691
00:31:56,398 --> 00:32:00,029
possible thing you can say is to stop

692
00:31:57,990 --> 00:32:01,529
looking for signs that it might have

693
00:32:00,029 --> 00:32:02,149
returned you know the checkups are what

694
00:32:01,529 --> 00:32:06,029
catches

695
00:32:02,150 --> 00:32:07,560
early really recurrences when you're in

696
00:32:06,029 --> 00:32:09,149
remission so to tell people not to go

697
00:32:07,559 --> 00:32:11,220
along that is just phenomenally

698
00:32:09,150 --> 00:32:12,600
dangerous advice it really really is it

699
00:32:11,220 --> 00:32:14,819
really is and you've brought up some

700
00:32:12,599 --> 00:32:17,159
interesting things here in in in this

701
00:32:14,819 --> 00:32:19,679
conversation Martian I just go over them

702
00:32:17,160 --> 00:32:22,290
for the benefit of our audience it's the

703
00:32:19,680 --> 00:32:24,210
red flags we look for when we're

704
00:32:22,289 --> 00:32:26,460
investigating and you've brought up

705
00:32:24,210 --> 00:32:28,559
three classic red flags the first one is

706
00:32:26,460 --> 00:32:31,410
something that cures to claim many

707
00:32:28,559 --> 00:32:32,940
different ailments that's a classic red

708
00:32:31,410 --> 00:32:34,529
flag and we see it all the time

709
00:32:32,940 --> 00:32:36,630
especially the mind-body-spirit

710
00:32:34,529 --> 00:32:40,920
festivals where the list of ailments and

711
00:32:36,630 --> 00:32:42,780
conditions in what not it XYZ will cure

712
00:32:40,920 --> 00:32:44,940
is quite astonishing the other one is

713

00:32:42,779 --> 00:32:47,940
that the people peddling these things

714
00:32:44,940 --> 00:32:52,559
are often true believers and they will

715
00:32:47,940 --> 00:32:54,750
be seeking not out of any ill intent but

716
00:32:52,559 --> 00:32:56,129
out of the their firm belief in the

717
00:32:54,750 --> 00:32:58,519
product and the other one that you

718
00:32:56,130 --> 00:33:01,440
brought up the third red flag is the

719
00:32:58,519 --> 00:33:03,240
falling back on conspiracy theory you

720
00:33:01,440 --> 00:33:04,799
know the doctors don't want you to know

721
00:33:03,240 --> 00:33:06,509
about this because they can't make any

722
00:33:04,799 --> 00:33:09,450
money the government is hiding this from

723
00:33:06,509 --> 00:33:10,859
you et cetera et cetera mmm yeah yeah

724
00:33:09,450 --> 00:33:12,509
and you see those things all the time

725
00:33:10,859 --> 00:33:14,189
you really do have anything you've been

726
00:33:12,509 --> 00:33:16,470
to enough mine body a lot of festivals

727
00:33:14,190 --> 00:33:18,890

and solve I to see that you just this is

728

00:33:16,470 --> 00:33:21,089

just the theme of every one of them and

729

00:33:18,890 --> 00:33:23,190

when you see it and it's that they're

730

00:33:21,089 --> 00:33:24,809

not talking about these things for very

731

00:33:23,190 --> 00:33:28,650

serious ailments when they're talking

732

00:33:24,809 --> 00:33:30,720

about relatively harmless things you

733

00:33:28,650 --> 00:33:32,070

know things are goes self limiting

734

00:33:30,720 --> 00:33:33,630

conditions that there's going to go

735

00:33:32,069 --> 00:33:35,579

where by themselves and you could easily

736

00:33:33,630 --> 00:33:37,470

think why it would be okay to give the

737

00:33:35,579 --> 00:33:38,519

patch but when you do give to pass you

738

00:33:37,470 --> 00:33:41,100

end up in a position where a guy is

739

00:33:38,519 --> 00:33:43,859

saying if you have throat cancer gargle

740

00:33:41,099 --> 00:33:44,969

a corrosive salv and that will cure your

741

00:33:43,859 --> 00:33:47,339

throat can see that's it just

742
00:33:44,970 --> 00:33:49,890
phenomenally dangerous yeah yeah you're

743
00:33:47,339 --> 00:33:51,389
absolutely right but mine fortune

744
00:33:49,890 --> 00:33:53,130
because tom was willing to go along and

745
00:33:51,390 --> 00:33:55,140
actually sort of sit through and be

746
00:33:53,130 --> 00:33:57,120
there the whole day and also quite

747
00:33:55,140 --> 00:33:58,710
importantly he wasn't there to disrupt

748
00:33:57,119 --> 00:34:01,619
he wasn't there to challenge he wasn't

749
00:33:58,710 --> 00:34:03,329
there to shout and rave and yell and be

750
00:34:01,619 --> 00:34:05,339
that kind of skeptic because if he was

751
00:34:03,329 --> 00:34:07,049
doing that then immediately hit have

752
00:34:05,339 --> 00:34:08,699
been kicked out and we wouldn't be said

753
00:34:07,049 --> 00:34:09,989
we wouldn't be able to see what actually

754
00:34:08,699 --> 00:34:11,730
said at these things I think it's so

755
00:34:09,989 --> 00:34:13,500
important to know what claims are being

756
00:34:11,730 --> 00:34:15,000
made and how these claims being made

757
00:34:13,500 --> 00:34:15,820
what evidence has been brought forward

758
00:34:15,000 --> 00:34:19,420
because that makes us

759
00:34:15,820 --> 00:34:21,430
much better at counteracting it because

760
00:34:19,420 --> 00:34:23,769
tom was that I'm sorry I'm just about to

761
00:34:21,429 --> 00:34:26,079
say that's a very very very good point

762
00:34:23,769 --> 00:34:28,030
you bring up because many times people

763
00:34:26,079 --> 00:34:30,219
would like us to go into these places

764
00:34:28,030 --> 00:34:33,550
like a mind body spirit mind body wallet

765
00:34:30,219 --> 00:34:35,199
or something like this and somehow more

766
00:34:33,550 --> 00:34:37,030
must be like a Christ figure and turn

767
00:34:35,199 --> 00:34:39,099
the tables on the money changes you know

768
00:34:37,030 --> 00:34:41,110
and banish them and conquer them

769
00:34:39,099 --> 00:34:43,480
instantly it just doesn't work like that

770

00:34:41,110 --> 00:34:46,059
it's it's frustrating at times but the

771
00:34:43,480 --> 00:34:47,889
best approach is to really give these

772
00:34:46,059 --> 00:34:49,900
people enough rope and I think that

773
00:34:47,889 --> 00:34:52,900
really is it bears out to be the most

774
00:34:49,900 --> 00:34:54,970
productive thing you can do yeah I

775
00:34:52,900 --> 00:34:57,490
completely agree I mean nothing kind of

776
00:34:54,969 --> 00:34:59,169
saddens me more and I'll caveat that

777
00:34:57,489 --> 00:35:00,939
because for one thing we need a

778
00:34:59,170 --> 00:35:02,639
plurality of approaches and skepticism

779
00:35:00,940 --> 00:35:05,760
you know there's no one-size-fits-all

780
00:35:02,639 --> 00:35:09,250
but it does frustrate me when I see

781
00:35:05,760 --> 00:35:11,950
skeptics who are doing that kind of big

782
00:35:09,250 --> 00:35:13,840
grandiose shouting in your fears telling

783
00:35:11,949 --> 00:35:16,359
people they're wrong or tell turning the

784
00:35:13,840 --> 00:35:17,829

metaphorical tables / approach because

785

00:35:16,360 --> 00:35:19,930

it always feels to me that the only

786

00:35:17,829 --> 00:35:21,670

person you're reaching is yourself when

787

00:35:19,929 --> 00:35:23,710

you do that did that's a in my opinion

788

00:35:21,670 --> 00:35:25,599

of it is that the the person who feels

789

00:35:23,710 --> 00:35:27,550

best about that entire interaction is

790

00:35:25,599 --> 00:35:28,929

you and not the person you're talking to

791

00:35:27,550 --> 00:35:31,030

not even really some of the people

792

00:35:28,929 --> 00:35:32,440

around you who might think well that

793

00:35:31,030 --> 00:35:33,790

person might have been right but wasn't

794

00:35:32,440 --> 00:35:36,099

he's so aggressive and nasty and

795

00:35:33,789 --> 00:35:37,779

horrible so you know you kind of you win

796

00:35:36,099 --> 00:35:39,489

the battle and lose the war in a way I

797

00:35:37,780 --> 00:35:40,990

think it's really really important that

798

00:35:39,489 --> 00:35:42,279

we come across as nice people I mean we

799
00:35:40,989 --> 00:35:44,829
are there's so many of us who were those

800
00:35:42,280 --> 00:35:46,330
people and so why not let that shine

801
00:35:44,829 --> 00:35:48,159
through I think while we're out while

802
00:35:46,329 --> 00:35:50,980
we're also spreading good information

803
00:35:48,159 --> 00:35:53,920
well exact well we hope so so this is

804
00:35:50,980 --> 00:35:56,829
exactly the right sort of option that

805
00:35:53,920 --> 00:35:58,360
Tom took on the day yeah absolutely and

806
00:35:56,829 --> 00:36:01,869
because he was there and he knows that

807
00:35:58,360 --> 00:36:03,160
other people who were there to find the

808
00:36:01,869 --> 00:36:04,389
information out because they wanted to

809
00:36:03,159 --> 00:36:06,159
use it for themselves you know the ones

810
00:36:04,389 --> 00:36:08,019
actually follow this information they

811
00:36:06,159 --> 00:36:09,819
were taking photos and filming things on

812
00:36:08,019 --> 00:36:11,769
the on the phone so he thought sure that

813
00:36:09,820 --> 00:36:13,480
must be allowed I'll do the same thing

814
00:36:11,769 --> 00:36:15,820
and so he actually managed to get quite

815
00:36:13,480 --> 00:36:18,490
a lot of footage of some of the claims

816
00:36:15,820 --> 00:36:20,500
being made and because we've got some

817
00:36:18,489 --> 00:36:21,939
reasonably good media connections with a

818
00:36:20,500 --> 00:36:23,739
good thinking society these days we're

819
00:36:21,940 --> 00:36:25,750
able to actually pass that to a national

820
00:36:23,739 --> 00:36:27,789
newspaper and it ran is the front page

821
00:36:25,750 --> 00:36:29,280
story of that national newspaper for

822
00:36:27,789 --> 00:36:30,719
that day pointing out that

823
00:36:29,280 --> 00:36:32,130
you know not only are these claims being

824
00:36:30,719 --> 00:36:35,279
made but they actually went to a lot of

825
00:36:32,130 --> 00:36:37,559
MPs to say you know our politicians

826
00:36:35,280 --> 00:36:38,910
Davis said don't you think the public

827

00:36:37,559 --> 00:36:40,739
should be protected from this and we

828
00:36:38,909 --> 00:36:42,779
have Trading Standards and we have the

829
00:36:40,739 --> 00:36:45,119
cancer act and we have advertising

830
00:36:42,780 --> 00:36:47,220
standards but clearly those aren't

831
00:36:45,119 --> 00:36:48,989
deterrence because these conferences

832
00:36:47,219 --> 00:36:50,459
just seem to keep happening and this is

833
00:36:48,989 --> 00:36:53,219
the first time we've seen one of these

834
00:36:50,460 --> 00:36:55,710
big I can cure cancer I can cure

835
00:36:53,219 --> 00:36:57,419
everything conference is happening so

836
00:36:55,710 --> 00:36:59,309
it's great to see that story really

837
00:36:57,420 --> 00:37:01,920
making literally front page news of the

838
00:36:59,309 --> 00:37:03,420
printed broadsheet highlighting the need

839
00:37:01,920 --> 00:37:05,430
for the public to be protected from

840
00:37:03,420 --> 00:37:07,710
these incredibly harmful things because

841
00:37:05,429 --> 00:37:10,230

this isn't about tramping on freedom of

842

00:37:07,710 --> 00:37:12,420

speech this is about not people not

843

00:37:10,230 --> 00:37:13,920

being allowed to claim to do stuff that

844

00:37:12,420 --> 00:37:15,180

they can't back up you know it's it's

845

00:37:13,920 --> 00:37:17,519

making sure that people aren't

846

00:37:15,179 --> 00:37:18,779

hoodwinked even if the person

847

00:37:17,519 --> 00:37:20,909

hoodwinking them doesn't realize that

848

00:37:18,780 --> 00:37:22,440

what they're saying isn't true yeah

849

00:37:20,909 --> 00:37:24,149

absolutely right and we do we have

850

00:37:22,440 --> 00:37:26,610

similar laws in this country but we have

851

00:37:24,150 --> 00:37:28,289

similar frustrations of course and we

852

00:37:26,610 --> 00:37:29,760

keep hopping back to mind/body wallet

853

00:37:28,289 --> 00:37:31,559

but every time I go to back to a

854

00:37:29,760 --> 00:37:33,450

mind-body want first of all and see

855

00:37:31,559 --> 00:37:36,630

these claims being made and people being

856
00:37:33,449 --> 00:37:38,159
hoodwinked it did there's a part of me I

857
00:37:36,630 --> 00:37:39,930
promise you there's a part of me that

858
00:37:38,159 --> 00:37:43,920
wants to leap around and yell at people

859
00:37:39,929 --> 00:37:45,449
but I I do my best not to do it yeah I'm

860
00:37:43,920 --> 00:37:46,980
exactly the same I mean that's the I got

861
00:37:45,449 --> 00:37:49,259
of mind body spirit vessels relatively

862
00:37:46,980 --> 00:37:50,789
often even the last one I was at the

863
00:37:49,260 --> 00:37:52,580
first two people I spoke to you in the

864
00:37:50,789 --> 00:37:55,170
room brought the cancer act immediately

865
00:37:52,579 --> 00:37:57,840
one was selling this weird device that

866
00:37:55,170 --> 00:38:00,480
goes on your tap and turns your water

867
00:37:57,840 --> 00:38:02,579
alkaline and what they told me was I

868
00:38:00,480 --> 00:38:04,230
can't say that this what this water will

869
00:38:02,579 --> 00:38:07,650
cure cancer because I go to prison for

870
00:38:04,230 --> 00:38:10,019
that but i will say is that this device

871
00:38:07,650 --> 00:38:11,880
turns your water alkaline and we know

872
00:38:10,019 --> 00:38:15,480
for a fact that we can say can't exist

873
00:38:11,880 --> 00:38:16,920
in an alkaline environment yeah so and

874
00:38:15,480 --> 00:38:19,800
then the second person i met there was a

875
00:38:16,920 --> 00:38:21,059
believer in john of god the brazilian

876
00:38:19,800 --> 00:38:23,010
faith healer which i thought that was

877
00:38:21,059 --> 00:38:25,079
gone and died like done for i'd never

878
00:38:23,010 --> 00:38:26,850
thought i'd meet a John of God for but

879
00:38:25,079 --> 00:38:28,259
yeah she was a follow John of God he was

880
00:38:26,849 --> 00:38:30,750
talking about how you can go up on stage

881
00:38:28,260 --> 00:38:32,280
and he will remove your cancer with his

882
00:38:30,750 --> 00:38:34,050
fingers without using it neither but

883
00:38:32,280 --> 00:38:36,990
you're describing psychic surgery this

884

00:38:34,050 --> 00:38:39,630
has been debunked for 30 years debug

885
00:38:36,989 --> 00:38:41,429
before I was born essentially him so

886
00:38:39,630 --> 00:38:42,530
it's terrible so these kind of claims

887
00:38:41,429 --> 00:38:44,629
are just

888
00:38:42,530 --> 00:38:45,980
they're really they really are well I

889
00:38:44,630 --> 00:38:48,050
was right it was so great to see this

890
00:38:45,980 --> 00:38:50,659
front page of national newspaper good

891
00:38:48,050 --> 00:38:52,130
work absolutely and that the more media

892
00:38:50,659 --> 00:38:53,389
attention we can bring to these things

893
00:38:52,130 --> 00:38:55,490
the better and that's what we try to do

894
00:38:53,389 --> 00:38:58,279
in this country as well just about John

895
00:38:55,489 --> 00:39:01,009
of God I think some of what he does also

896
00:38:58,280 --> 00:39:03,050
and I've seen this on online sadly on on

897
00:39:01,010 --> 00:39:05,060
video says he will actually cut people

898
00:39:03,050 --> 00:39:07,010

believe it or not he will actually get a

899

00:39:05,059 --> 00:39:10,940
knife and cut people it's it's just

900

00:39:07,010 --> 00:39:13,880
disgusting yeah well these people is

901

00:39:10,940 --> 00:39:15,889
very there are some people out there who

902

00:39:13,880 --> 00:39:17,300
really do believe what they're doing and

903

00:39:15,889 --> 00:39:19,009
there are others who you have to

904

00:39:17,300 --> 00:39:21,769
strongly question what they believe it

905

00:39:19,010 --> 00:39:23,240
or not and if so if you were to ask me

906

00:39:21,769 --> 00:39:24,769
for my personal opinion I'd be leaning

907

00:39:23,239 --> 00:39:28,129
in the latter camp that John of God he'd

908

00:39:24,769 --> 00:39:29,599
be to be able to for so long do psychic

909

00:39:28,130 --> 00:39:31,519
surgery when it's been so

910

00:39:29,599 --> 00:39:36,409
comprehensively and thoroughly shown to

911

00:39:31,519 --> 00:39:37,759
be sham he has is it's astonishing that

912

00:39:36,409 --> 00:39:39,139
people would be happy to do that you

913
00:39:37,760 --> 00:39:40,940
know and this is one of the things that

914
00:39:39,139 --> 00:39:43,099
often comes up when you find when you

915
00:39:40,940 --> 00:39:45,079
talk to people about this kind of thing

916
00:39:43,099 --> 00:39:46,789
about these claims because of how do

917
00:39:45,079 --> 00:39:48,860
people sleep at night knowing that

918
00:39:46,789 --> 00:39:52,070
they're doing this and I honestly I

919
00:39:48,860 --> 00:39:54,230
honestly wonder how many people who know

920
00:39:52,070 --> 00:39:57,350
that what they're doing is false would

921
00:39:54,230 --> 00:39:59,900
go as far as the life-threatening

922
00:39:57,349 --> 00:40:02,269
conditions because if I was going to to

923
00:39:59,900 --> 00:40:04,250
lie about it and lie about my treatment

924
00:40:02,269 --> 00:40:06,469
I probably wouldn't lie about something

925
00:40:04,250 --> 00:40:08,750
so big that I'm going to catch a lot of

926
00:40:06,469 --> 00:40:10,669
attention and I also wouldn't want to

927
00:40:08,750 --> 00:40:13,059
lie to people who are going to be a

928
00:40:10,670 --> 00:40:15,200
customer and then potentially die yeah

929
00:40:13,059 --> 00:40:16,309
that's just bad economics because it

930
00:40:15,199 --> 00:40:18,529
means they can't come back and buy it

931
00:40:16,309 --> 00:40:20,840
again I think yeah yes I was like

932
00:40:18,530 --> 00:40:24,080
surgery we we know I've is done in the

933
00:40:20,840 --> 00:40:26,660
Philippines and James Randi is written

934
00:40:24,079 --> 00:40:28,940
about this people will go there and in

935
00:40:26,659 --> 00:40:31,399
desperation they're dying anyway sadly

936
00:40:28,940 --> 00:40:32,780
and they'll leave the Philippines

937
00:40:31,400 --> 00:40:35,329
thinking something's happened they'll go

938
00:40:32,780 --> 00:40:38,120
home and die anyway but yes there are

939
00:40:35,329 --> 00:40:39,319
people out there we have to face the

940
00:40:38,119 --> 00:40:42,170
facts there are people out there who

941

00:40:39,320 --> 00:40:45,110
will just do it because they can and

942
00:40:42,170 --> 00:40:46,820
they usually get away with it mm that's

943
00:40:45,110 --> 00:40:49,099
true it's true that's why it's really

944
00:40:46,820 --> 00:40:52,150
really important that we're we're doing

945
00:40:49,099 --> 00:40:54,548
what we can and and i think the

946
00:40:52,150 --> 00:40:56,139
best approach is is a a plurality of

947
00:40:54,548 --> 00:40:58,059
approaches I mean yes you can be there

948
00:40:56,139 --> 00:40:59,108
and recorded to cover but I think it's

949
00:40:58,059 --> 00:41:00,430
really important to have the other

950
00:40:59,108 --> 00:41:02,288
ground work together to have the

951
00:41:00,429 --> 00:41:05,379
evidence that this stuff doesn't work to

952
00:41:02,289 --> 00:41:07,240
have conversations with the media so

953
00:41:05,380 --> 00:41:08,769
speak to newspapers or speak to just

954
00:41:07,239 --> 00:41:10,058
people forget these days you can phone

955
00:41:08,769 --> 00:41:11,650

up a journalist you can just look

956

00:41:10,059 --> 00:41:13,930

through a newspaper looking through a

957

00:41:11,650 --> 00:41:15,548

new papers website to find a journalist

958

00:41:13,929 --> 00:41:18,608

who seems to cover the kind of stories

959

00:41:15,548 --> 00:41:19,838

that you that you you like that seems to

960

00:41:18,608 --> 00:41:21,519

cover them from the right angle for

961

00:41:19,838 --> 00:41:23,500

these kind of alternative health stories

962

00:41:21,519 --> 00:41:25,420

or health dori generally and you can

963

00:41:23,500 --> 00:41:26,679

just phone them up and say there's this

964

00:41:25,420 --> 00:41:28,630

conference happening in bright and we're

965

00:41:26,679 --> 00:41:30,278

going to have a man there do you want

966

00:41:28,630 --> 00:41:32,230

this information can I talk you through

967

00:41:30,278 --> 00:41:33,548

this story yeah and you'd be surprised

968

00:41:32,230 --> 00:41:35,710

how far you get I mean there's actually

969

00:41:33,548 --> 00:41:38,469

another conference happening last

970
00:41:35,710 --> 00:41:41,170
weekend which again was run by the the

971
00:41:38,469 --> 00:41:43,480
people behind the Genesis to church so

972
00:41:41,170 --> 00:41:45,099
some of the higher people from Jim

973
00:41:43,480 --> 00:41:46,750
humbles organization were going to be

974
00:41:45,099 --> 00:41:48,099
there including you know many of the

975
00:41:46,750 --> 00:41:51,130
people who are making the most kind of

976
00:41:48,099 --> 00:41:52,750
outrageous claims and one of the things

977
00:41:51,130 --> 00:41:54,010
that we were quite successfully well

978
00:41:52,750 --> 00:41:56,440
working with a number of different

979
00:41:54,010 --> 00:41:58,599
groups it was a tactic that we tried

980
00:41:56,440 --> 00:42:01,059
with the spirit of Health Conference too

981
00:41:58,599 --> 00:42:02,559
so what we do is we found out from their

982
00:42:01,059 --> 00:42:03,640
air information we signed up we got

983
00:42:02,559 --> 00:42:04,960
their information from them we found out

984
00:42:03,639 --> 00:42:06,909
whether venue was and then we called the

985
00:42:04,960 --> 00:42:08,798
venue people we were working with called

986
00:42:06,909 --> 00:42:10,000
the venue and said do you know what's

987
00:42:08,798 --> 00:42:11,409
going to be said there do you know who's

988
00:42:10,000 --> 00:42:12,760
speaking and what's behind it and you

989
00:42:11,409 --> 00:42:14,528
know what miracle mineral solution is

990
00:42:12,760 --> 00:42:16,270
and how it's dangerous and the venue

991
00:42:14,528 --> 00:42:18,278
cancelled on them so they had to move to

992
00:42:16,269 --> 00:42:20,858
another place and another place and in

993
00:42:18,278 --> 00:42:22,329
the end when tom went what he had to do

994
00:42:20,858 --> 00:42:24,578
was turn up at a train station at a

995
00:42:22,329 --> 00:42:26,680
certain time and they would direct him

996
00:42:24,579 --> 00:42:27,910
to the venue from there so you didn't

997
00:42:26,679 --> 00:42:30,519
even know where he was going it was

998

00:42:27,909 --> 00:42:33,639
totally cloak and dagger in a way to

999
00:42:30,519 --> 00:42:35,500
kind of evade exactly the kind of

1000
00:42:33,639 --> 00:42:36,788
actions he will be taking so there was

1001
00:42:35,500 --> 00:42:39,429
another conference this weekend what

1002
00:42:36,789 --> 00:42:40,778
weekend just gone from the Genesis to

1003
00:42:39,429 --> 00:42:42,699
church which did exactly the same thing

1004
00:42:40,778 --> 00:42:44,199
we looked we worked with people who've

1005
00:42:42,699 --> 00:42:45,368
been trying for some time to figure out

1006
00:42:44,199 --> 00:42:46,419
exactly where it was and they were

1007
00:42:45,369 --> 00:42:47,950
having none of it they once saying

1008
00:42:46,420 --> 00:42:50,230
anything about where it was probably but

1009
00:42:47,949 --> 00:42:52,239
I was going to be but I was able to call

1010
00:42:50,230 --> 00:42:53,889
a local press and get the local price to

1011
00:42:52,239 --> 00:42:55,328
cover it was front-page news of the the

1012
00:42:53,889 --> 00:42:56,710

local paper in the town where this thing

1013

00:42:55,329 --> 00:42:58,119
was going to be pointing out how

1014

00:42:56,710 --> 00:43:00,220
dangerous was I think it ran three or

1015

00:42:58,119 --> 00:43:02,230
four times in a week in the local paper

1016

00:43:00,219 --> 00:43:03,788
which really highlighted it and because

1017

00:43:02,230 --> 00:43:05,500
we had this front page story in The

1018

00:43:03,789 --> 00:43:07,300
Telegraph with MPs

1019

00:43:05,500 --> 00:43:09,429
less calling for some action to be taken

1020

00:43:07,300 --> 00:43:11,769
and maybe police involvement we're able

1021

00:43:09,429 --> 00:43:14,199
to use that story to counteract this

1022

00:43:11,769 --> 00:43:16,389
conference and say to trading standards

1023

00:43:14,199 --> 00:43:18,069
in authorities here is the front page of

1024

00:43:16,389 --> 00:43:19,719
a national newspaper saying that people

1025

00:43:18,070 --> 00:43:21,190
should be protected here's your chance

1026

00:43:19,719 --> 00:43:22,629
to protect you know about this one ahead

1027
00:43:21,190 --> 00:43:24,760
of time you know there's gonna be

1028
00:43:22,630 --> 00:43:26,320
dangerous and today right at the

1029
00:43:24,760 --> 00:43:28,150
authorities stepped in I mean they

1030
00:43:26,320 --> 00:43:29,590
actually went along they turned up at

1031
00:43:28,150 --> 00:43:31,119
the train station whether everybody was

1032
00:43:29,590 --> 00:43:33,030
meeting they talk to people there they

1033
00:43:31,119 --> 00:43:35,199
followed them to the premises where the

1034
00:43:33,030 --> 00:43:37,000
conference was taking place and then

1035
00:43:35,199 --> 00:43:39,159
they have gained entry to the premises

1036
00:43:37,000 --> 00:43:41,170
with some police and really give them a

1037
00:43:39,159 --> 00:43:42,639
good talking-to and then they're now

1038
00:43:41,170 --> 00:43:44,440
going to be sold and it's just this kind

1039
00:43:42,639 --> 00:43:46,929
of pressure makes it very very hard for

1040
00:43:44,440 --> 00:43:49,059
people to continue selling things that

1041
00:43:46,929 --> 00:43:50,980
are going to result in people's you know

1042
00:43:49,059 --> 00:43:52,119
certainly illnesses if not deaths you

1043
00:43:50,980 --> 00:43:53,679
know this is the kind of stuff I think

1044
00:43:52,119 --> 00:43:55,900
we we need to be doing and it's that

1045
00:43:53,679 --> 00:43:57,219
multifaceted approach of talking to the

1046
00:43:55,900 --> 00:43:59,860
media talking to the regulator's

1047
00:43:57,219 --> 00:44:01,750
contacting a local MP talking to the

1048
00:43:59,860 --> 00:44:03,820
venues and trying to do this all in one

1049
00:44:01,750 --> 00:44:06,369
coordinated way and you really can

1050
00:44:03,820 --> 00:44:08,170
affect the their ability to put these

1051
00:44:06,369 --> 00:44:10,599
conferences on I think you've given me

1052
00:44:08,170 --> 00:44:12,070
fresh hope and fresh inspiration for

1053
00:44:10,599 --> 00:44:13,809
tackling mind/body wallet in this

1054
00:44:12,070 --> 00:44:16,900
country Marsh but more about that in the

1055

00:44:13,809 --> 00:44:19,480
coming months I think the coming months

1056
00:44:16,900 --> 00:44:22,750
now and what else is going on the good

1057
00:44:19,480 --> 00:44:23,980
thinking society well we're involved in

1058
00:44:22,750 --> 00:44:26,139
lots and lots of things to be honest

1059
00:44:23,980 --> 00:44:28,000
it's been quite an exciting couple of

1060
00:44:26,139 --> 00:44:30,460
months lately with us you know we still

1061
00:44:28,000 --> 00:44:32,519
got our big homeopathy campaign which is

1062
00:44:30,460 --> 00:44:36,760
starting to bear fruit so I think

1063
00:44:32,519 --> 00:44:38,949
listeners may well know about the the

1064
00:44:36,760 --> 00:44:41,380
fact that homeopathy is supplied on the

1065
00:44:38,949 --> 00:44:43,269
NHS with NHS money which is a major

1066
00:44:41,380 --> 00:44:45,160
major thing and a major problem for us

1067
00:44:43,269 --> 00:44:46,449
but through my research I managed to

1068
00:44:45,159 --> 00:44:49,119
find out that there was only about

1069
00:44:46,449 --> 00:44:51,279

fifteen percent of the country actually

1070

00:44:49,119 --> 00:44:53,289

funds homeopathy and so we've been

1071

00:44:51,280 --> 00:44:55,060

challenging those those places one by

1072

00:44:53,289 --> 00:44:56,679

one and liveable was kind of our first

1073

00:44:55,059 --> 00:44:58,150

big challenge and we were able to bring

1074

00:44:56,679 --> 00:45:00,069

a legal case against them because we

1075

00:44:58,150 --> 00:45:02,019

felt that the decision they made to

1076

00:45:00,070 --> 00:45:04,030

continue funding was unlawful that

1077

00:45:02,019 --> 00:45:05,920

procedure did not follow the law and

1078

00:45:04,030 --> 00:45:08,080

they reverse their decision now they're

1079

00:45:05,920 --> 00:45:09,280

going back to consultation and so the

1080

00:45:08,079 --> 00:45:10,929

latest in that is that we're involved

1081

00:45:09,280 --> 00:45:12,490

that consultation so hopefully we can

1082

00:45:10,929 --> 00:45:13,690

make sure that the questions that have

1083

00:45:12,489 --> 00:45:15,519

been asked in the way that they're

1084
00:45:13,690 --> 00:45:17,110
talking to people is a way that's

1085
00:45:15,519 --> 00:45:17,789
conducive to getting good evidence back

1086
00:45:17,110 --> 00:45:20,610
and not just

1087
00:45:17,789 --> 00:45:23,579
of a huge wide variety of it work to me

1088
00:45:20,610 --> 00:45:24,809
stories but on top of that once we have

1089
00:45:23,579 --> 00:45:26,369
this kind of local decision we spend

1090
00:45:24,809 --> 00:45:29,309
started writing to other parts of the

1091
00:45:26,369 --> 00:45:31,289
country that's still fun homeopathy and

1092
00:45:29,309 --> 00:45:32,340
what we've heard back from Bristol which

1093
00:45:31,289 --> 00:45:34,679
is where one of the few remaining

1094
00:45:32,340 --> 00:45:36,360
homeopathic hospitals were still in

1095
00:45:34,679 --> 00:45:37,710
existence that we heard that that

1096
00:45:36,360 --> 00:45:39,390
hospital is shutting down but they're

1097
00:45:37,710 --> 00:45:41,280
not going to supply homeopathic products

1098
00:45:39,389 --> 00:45:43,019
from that hospital anymore and given up

1099
00:45:41,280 --> 00:45:46,440
a hospital is getting about 300,000

1100
00:45:43,019 --> 00:45:48,869
pounds ear of taxpayer money to dispense

1101
00:45:46,440 --> 00:45:52,730
sugar pills to the sick that's that's a

1102
00:45:48,869 --> 00:45:55,559
pretty good result it does mean that the

1103
00:45:52,730 --> 00:45:57,329
cluster of local authorities around

1104
00:45:55,559 --> 00:45:58,799
there that were using the hospital for

1105
00:45:57,329 --> 00:46:00,150
their homeopathy it doesn't mean that

1106
00:45:58,800 --> 00:46:02,190
they're not going to fund homeopathy

1107
00:46:00,150 --> 00:46:03,389
anymore it doesn't not for certain but

1108
00:46:02,190 --> 00:46:05,159
what it means is they're all going to

1109
00:46:03,389 --> 00:46:07,139
review it now and say well are we going

1110
00:46:05,159 --> 00:46:09,000
to are we going to fund this or not but

1111
00:46:07,139 --> 00:46:11,129
that's Gregg's it means that we can

1112

00:46:09,000 --> 00:46:12,630
direct them to the best procedures for

1113
00:46:11,130 --> 00:46:14,039
reviewing this kind of stuff and there's

1114
00:46:12,630 --> 00:46:15,900
already things in place that show you

1115
00:46:14,039 --> 00:46:17,880
how best to do it and hopefully they

1116
00:46:15,900 --> 00:46:18,780
will take this opportunity to stop

1117
00:46:17,880 --> 00:46:20,849
funding home you ought to be all

1118
00:46:18,780 --> 00:46:22,440
together in those areas I think it

1119
00:46:20,849 --> 00:46:24,329
really just is it's indefensible to be

1120
00:46:22,440 --> 00:46:25,440
spending money on this which doesn't

1121
00:46:24,329 --> 00:46:27,000
work what we know there's plenty of

1122
00:46:25,440 --> 00:46:28,590
other things that do work where that

1123
00:46:27,000 --> 00:46:29,940
money could be spent because we don't

1124
00:46:28,590 --> 00:46:31,800
have an infinite amount of money on our

1125
00:46:29,940 --> 00:46:34,530
national health service you have to put

1126
00:46:31,800 --> 00:46:37,200

the money where the best chance of other

1127

00:46:34,530 --> 00:46:38,610

benefit absolutely right i think the

1128

00:46:37,199 --> 00:46:39,779

lessons being learned around the world

1129

00:46:38,610 --> 00:46:41,599

there's a story just in Australia

1130

00:46:39,780 --> 00:46:43,800

written just the other day about a

1131

00:46:41,599 --> 00:46:45,779

pharmacist is throwing away the

1132

00:46:43,800 --> 00:46:48,870

homeopathy off his shelves putting it in

1133

00:46:45,780 --> 00:46:51,180

the bin and it's it really is bit by bit

1134

00:46:48,869 --> 00:46:52,859

we've had court victories in this

1135

00:46:51,179 --> 00:46:54,750

country against the homeopathic

1136

00:46:52,860 --> 00:46:58,590

organizations making outrageous claims

1137

00:46:54,750 --> 00:47:00,840

and people in general I would hope not

1138

00:46:58,590 --> 00:47:03,240

even interested in it or stopping the

1139

00:47:00,840 --> 00:47:05,760

believe in it or growing out of it so to

1140

00:47:03,239 --> 00:47:07,819

speak I might be being optimistic but I

1141
00:47:05,760 --> 00:47:10,200
really think the things are changing

1142
00:47:07,820 --> 00:47:11,970
yeah I think it feels that way I mean

1143
00:47:10,199 --> 00:47:13,649
we've also got in America the FDA years

1144
00:47:11,969 --> 00:47:14,689
now having a very very good look at

1145
00:47:13,650 --> 00:47:17,010
whether they're gonna start regulating

1146
00:47:14,690 --> 00:47:18,750
homeopathy and the regulation of

1147
00:47:17,010 --> 00:47:20,190
homeopathy by the FDA would basically be

1148
00:47:18,750 --> 00:47:21,840
the removal of homeopathy because

1149
00:47:20,190 --> 00:47:23,909
there's no way it could pass the

1150
00:47:21,840 --> 00:47:26,070
regulatory standards and I know some

1151
00:47:23,909 --> 00:47:28,469
great work being done there I wonder

1152
00:47:26,070 --> 00:47:30,240
whether this is kind of a cool

1153
00:47:28,469 --> 00:47:32,159
zeitgeist where everyone's kind of start

1154
00:47:30,239 --> 00:47:35,339
to realize this is nonsense or whether

1155
00:47:32,159 --> 00:47:37,170
they've just kind of the the purveyors

1156
00:47:35,340 --> 00:47:39,660
of homeopathy have just kind of outlived

1157
00:47:37,170 --> 00:47:42,630
their welcome essentially um they've

1158
00:47:39,659 --> 00:47:46,079
burnt off all their their goodwill by

1159
00:47:42,630 --> 00:47:48,059
just repeatedly talking about conditions

1160
00:47:46,079 --> 00:47:50,069
they can't possibly help with and and

1161
00:47:48,059 --> 00:47:51,809
you know going beyond the pale stepping

1162
00:47:50,070 --> 00:47:53,130
outside of the limitations because how I

1163
00:47:51,809 --> 00:47:55,590
normally talk about is to say if

1164
00:47:53,130 --> 00:47:57,840
homeopathy if holy perhaps only ever

1165
00:47:55,590 --> 00:47:59,849
said this is good for when you've got a

1166
00:47:57,840 --> 00:48:01,590
headache or when you've got a cold you

1167
00:47:59,849 --> 00:48:03,030
know things that are going to go away by

1168
00:48:01,590 --> 00:48:04,559
themselves you can take a painkiller for

1169

00:48:03,030 --> 00:48:05,550
headaches sometimes it's effective it's

1170
00:48:04,559 --> 00:48:07,199
not always a hundred percent effective

1171
00:48:05,550 --> 00:48:08,640
with it with a paracetamol if you've got

1172
00:48:07,199 --> 00:48:11,009
a mild headache maybe you take

1173
00:48:08,639 --> 00:48:12,539
homeopathy maybe the placebo convinces

1174
00:48:11,010 --> 00:48:14,550
you if you feel okay about the amount of

1175
00:48:12,539 --> 00:48:16,679
pain you're still in eventually is going

1176
00:48:14,550 --> 00:48:17,640
to go away if they stayed there it

1177
00:48:16,679 --> 00:48:19,529
wouldn't be the worst thing in the world

1178
00:48:17,639 --> 00:48:22,019
I wouldn't support it but I find it much

1179
00:48:19,530 --> 00:48:23,910
much harder to prioritize it but the

1180
00:48:22,019 --> 00:48:25,380
fact is they start there and they say

1181
00:48:23,909 --> 00:48:27,118
well if it's good for this then it must

1182
00:48:25,380 --> 00:48:29,160
be good for all of these other things so

1183
00:48:27,119 --> 00:48:31,170

don't go and see a doctor and we saw

1184

00:48:29,159 --> 00:48:33,690

recently there was a very very tragic

1185

00:48:31,170 --> 00:48:35,940

case I believe of parents who favored

1186

00:48:33,690 --> 00:48:37,230

homeopathy instead of legitimate

1187

00:48:35,940 --> 00:48:39,088

medicine when their child had an ear

1188

00:48:37,230 --> 00:48:41,280

infection just simple ear infection and

1189

00:48:39,088 --> 00:48:43,108

then child actually end up dying from an

1190

00:48:41,280 --> 00:48:46,530

infection because they were left

1191

00:48:43,108 --> 00:48:49,139

untreated and yes it's just these cases

1192

00:48:46,530 --> 00:48:50,849

aren't rare and I think every one of

1193

00:48:49,139 --> 00:48:53,848

them is a tragedy and I think maybe that

1194

00:48:50,849 --> 00:48:56,039

the regulators are starting to spot

1195

00:48:53,849 --> 00:48:57,990

these things are a hugely important and

1196

00:48:56,039 --> 00:48:59,849

the public is starting to to realize it

1197

00:48:57,989 --> 00:49:02,129

too I think it seems that more and more

1198
00:48:59,849 --> 00:49:05,010
the public know what homeopathy is which

1199
00:49:02,130 --> 00:49:07,019
is the biggest battle i think when i

1200
00:49:05,010 --> 00:49:08,760
started in skepticism maybe six six six

1201
00:49:07,019 --> 00:49:10,500
or seven years ago when you talk to the

1202
00:49:08,760 --> 00:49:12,240
public about homeopathy people didn't

1203
00:49:10,500 --> 00:49:13,679
really know much about it whereas it

1204
00:49:12,239 --> 00:49:16,108
feels now like a lot more people know

1205
00:49:13,679 --> 00:49:18,449
that it's about diluting things it's

1206
00:49:16,108 --> 00:49:22,559
about like cures like everyone seems to

1207
00:49:18,449 --> 00:49:24,569
have a homeopathy joke these days and i

1208
00:49:22,559 --> 00:49:26,219
really think that's it that's the water

1209
00:49:24,570 --> 00:49:28,410
that's a great way of removing the

1210
00:49:26,219 --> 00:49:30,809
accidental legitimacy of homeopathy you

1211
00:49:28,409 --> 00:49:33,029
know could obviously we have done a few

1212
00:49:30,809 --> 00:49:35,219
different projects that have resulted an

1213
00:49:33,030 --> 00:49:37,290
awful lot of response from from from

1214
00:49:35,219 --> 00:49:40,079
people who are talking about homeopathy

1215
00:49:37,289 --> 00:49:41,590
so when we did the last year and even

1216
00:49:40,079 --> 00:49:44,110
this year we've been doing homeopathy

1217
00:49:41,590 --> 00:49:46,450
n this week we actually bought the

1218
00:49:44,110 --> 00:49:48,460
website homeopathy Awareness Week org

1219
00:49:46,449 --> 00:49:50,139
which was available and we put up a

1220
00:49:48,460 --> 00:49:51,909
genuine site about promoting awareness

1221
00:49:50,139 --> 00:49:53,650
of homeopathy awareness that it's

1222
00:49:51,909 --> 00:49:55,960
basically idea that the more you dilute

1223
00:49:53,650 --> 00:49:58,480
something the the stronger guess that's

1224
00:49:55,960 --> 00:50:00,550
a terrible completely wrong idea yeah

1225
00:49:58,480 --> 00:50:02,559
you know awareness of the fact that

1226

00:50:00,550 --> 00:50:03,760
governments waste money on this that pit

1227
00:50:02,559 --> 00:50:05,349
that the public waste money on this

1228
00:50:03,760 --> 00:50:07,120
though but it's been comprehensively

1229
00:50:05,349 --> 00:50:08,710
sure not to work so we put all that kind

1230
00:50:07,119 --> 00:50:10,299
of information up and it was actually

1231
00:50:08,710 --> 00:50:13,000
been it's just at the end of homeopathy

1232
00:50:10,300 --> 00:50:15,340
awareness week now and what we always

1233
00:50:13,000 --> 00:50:17,230
find is that we share that website and

1234
00:50:15,340 --> 00:50:18,160
we get hundreds of people got coming

1235
00:50:17,230 --> 00:50:21,010
back and saying shouldn't it be

1236
00:50:18,159 --> 00:50:22,719
awareness second on nano second and yet

1237
00:50:21,010 --> 00:50:23,950
everybody's saying that we shouldn't do

1238
00:50:22,719 --> 00:50:25,719
why do we need a full weeks really that

1239
00:50:23,949 --> 00:50:30,039
the lesser where I am the more effective

1240
00:50:25,719 --> 00:50:32,980

homeopathy is and you you are right

1241
00:50:30,039 --> 00:50:35,500
education is very important because when

1242
00:50:32,980 --> 00:50:38,380
people get a good understanding of what

1243
00:50:35,500 --> 00:50:40,960
it supposedly does or how it should work

1244
00:50:38,380 --> 00:50:42,940
or the way it's put together a lot of

1245
00:50:40,960 --> 00:50:44,769
people can't believe it and I think

1246
00:50:42,940 --> 00:50:46,360
that's a very good thing I really what's

1247
00:50:44,769 --> 00:50:48,340
what's the saying that the worst thing

1248
00:50:46,360 --> 00:50:50,220
that can happen to homeopathy is people

1249
00:50:48,340 --> 00:50:53,200
actually find out where it really is

1250
00:50:50,219 --> 00:50:55,119
yeah I really do you think I honestly

1251
00:50:53,199 --> 00:50:57,489
think awareness of homeopathy is the

1252
00:50:55,119 --> 00:50:59,679
single biggest threat to homeopathy is

1253
00:50:57,489 --> 00:51:02,139
just give them the opportunity to

1254
00:50:59,679 --> 00:51:04,089
actually describe what it is you two

1255
00:51:02,139 --> 00:51:07,150
don't miss characterize it and don't

1256
00:51:04,090 --> 00:51:09,190
don't denigrate it just describe it and

1257
00:51:07,150 --> 00:51:10,389
that's enough usually to make people

1258
00:51:09,190 --> 00:51:12,579
realize that this is complete nonsense

1259
00:51:10,389 --> 00:51:14,400
so I honestly think I hold me off of the

1260
00:51:12,579 --> 00:51:17,319
awareness is a very very good thing and

1261
00:51:14,400 --> 00:51:18,910
it's also why we need again going back

1262
00:51:17,320 --> 00:51:21,450
to this kind of plurality of approaches

1263
00:51:18,909 --> 00:51:23,409
we need not just people who are from a

1264
00:51:21,449 --> 00:51:25,029
science background in a research

1265
00:51:23,409 --> 00:51:27,429
background but we need people who can

1266
00:51:25,030 --> 00:51:28,630
convey these messages to the public and

1267
00:51:27,429 --> 00:51:31,119
take them all and that's why we need

1268
00:51:28,630 --> 00:51:33,519
things like comedians and musicians and

1269
00:51:31,119 --> 00:51:34,750
communicators and journalists to all be

1270
00:51:33,519 --> 00:51:37,300
involved in spreading this information

1271
00:51:34,750 --> 00:51:39,039
because those are in many ways the

1272
00:51:37,300 --> 00:51:41,800
experts are getting messages out there

1273
00:51:39,039 --> 00:51:44,019
and you know and putting messages out

1274
00:51:41,800 --> 00:51:46,360
there it is simple understandable format

1275
00:51:44,019 --> 00:51:49,300
and i honestly think that's one of the

1276
00:51:46,360 --> 00:51:51,099
big big things that's affecting people's

1277
00:51:49,300 --> 00:51:53,590
belief in homeopathy is having a huge

1278
00:51:51,099 --> 00:51:55,900
each effect of it march what can i say

1279
00:51:53,590 --> 00:51:59,470
you and the good thinking

1280
00:51:55,900 --> 00:52:01,358
doing so much excellent work and the

1281
00:51:59,469 --> 00:52:02,528
proof is in the pudding or is it the

1282
00:52:01,358 --> 00:52:04,150
proof is in the eating of the pudding

1283

00:52:02,528 --> 00:52:05,949
even if it's a homeopathic pudding I

1284
00:52:04,150 --> 00:52:07,210
don't care because you are getting

1285
00:52:05,949 --> 00:52:09,000
results and that's the important thing

1286
00:52:07,210 --> 00:52:12,460
you're educating people you're getting

1287
00:52:09,000 --> 00:52:15,400
headlines it's a fantastic effort you're

1288
00:52:12,460 --> 00:52:16,900
involved with folks the website the

1289
00:52:15,400 --> 00:52:18,430
website no matter where you are in the

1290
00:52:16,900 --> 00:52:21,910
world this is worth checking out good

1291
00:52:18,429 --> 00:52:24,759
thinking society org good thinking

1292
00:52:21,909 --> 00:52:27,159
society org and of course you can help

1293
00:52:24,760 --> 00:52:29,039
the good thinking society March how can

1294
00:52:27,159 --> 00:52:31,538
people help the good thinking society

1295
00:52:29,039 --> 00:52:33,400
yes I mean the economy we are a charity

1296
00:52:31,539 --> 00:52:35,380
so this is kind of this is what I do

1297
00:52:33,400 --> 00:52:37,119

full-time and the only reason I think

1298

00:52:35,380 --> 00:52:39,250

that were able to to get the results

1299

00:52:37,119 --> 00:52:41,260

that we we get is because we have we are

1300

00:52:39,250 --> 00:52:43,210

able to dedicate proper time to this

1301

00:52:41,260 --> 00:52:44,890

this is kind of what we do all day to

1302

00:52:43,210 --> 00:52:46,599

really work on this so as such as a

1303

00:52:44,889 --> 00:52:48,308

charity we really need people support so

1304

00:52:46,599 --> 00:52:50,920

if you've got a good thinking society

1305

00:52:48,309 --> 00:52:52,630

org there is a nice donate button on the

1306

00:52:50,920 --> 00:52:54,639

site that allow you to either make a

1307

00:52:52,630 --> 00:52:57,010

one-off donation or to make a recurring

1308

00:52:54,639 --> 00:52:59,078

monthly donation and every little bit of

1309

00:52:57,010 --> 00:53:00,730

this helps really it helps us carry on

1310

00:52:59,079 --> 00:53:03,099

our work it helps us fund new

1311

00:53:00,730 --> 00:53:04,990

investigations it helps us fund the next

1312
00:53:03,099 --> 00:53:06,130
legal challenge that we're looking to

1313
00:53:04,989 --> 00:53:08,528
bring and we've got a lot of things in

1314
00:53:06,130 --> 00:53:10,990
the pipeline there and also help us you

1315
00:53:08,528 --> 00:53:12,760
know fund the ongoing existence of the

1316
00:53:10,989 --> 00:53:14,048
charity into the future we'd like to

1317
00:53:12,760 --> 00:53:15,970
make this something that really stays

1318
00:53:14,048 --> 00:53:18,190
around and continues to do really good

1319
00:53:15,969 --> 00:53:20,078
work into future so if anybody wants to

1320
00:53:18,190 --> 00:53:22,720
kind of support that then yeah good

1321
00:53:20,079 --> 00:53:25,150
thinking sorry dog and got a donut not

1322
00:53:22,719 --> 00:53:27,759
be great and I recommend that you do

1323
00:53:25,150 --> 00:53:29,920
that folks because as I say these are

1324
00:53:27,760 --> 00:53:32,250
people who were really out there doing

1325
00:53:29,920 --> 00:53:34,750
the hard work and getting the results

1326
00:53:32,250 --> 00:53:36,369
donations to people like the good things

1327
00:53:34,750 --> 00:53:38,980
in society and even if I might say so

1328
00:53:36,369 --> 00:53:42,309
the skeptic zone really do help it's not

1329
00:53:38,980 --> 00:53:45,699
just giving or donating money to feel

1330
00:53:42,309 --> 00:53:48,400
good the money you donate mean something

1331
00:53:45,699 --> 00:53:50,798
and goes a long way Marsh I can't wait

1332
00:53:48,400 --> 00:53:52,568
to catch up with you sometime in the

1333
00:53:50,798 --> 00:53:54,068
future who knows where it'll be I hope

1334
00:53:52,568 --> 00:53:55,960
it'll be in Liverpool actually I've

1335
00:53:54,068 --> 00:53:58,048
always wanted to visit Liverpool but no

1336
00:53:55,960 --> 00:54:00,190
matter where it is I look forward to it

1337
00:53:58,048 --> 00:54:02,500
congratulations on your successes and

1338
00:54:00,190 --> 00:54:04,599
here's to more successes in the future

1339
00:54:02,500 --> 00:54:06,010
I'm sure we'll be able to talk again

1340

00:54:04,599 --> 00:54:06,830
soon about the next things that we're

1341
00:54:06,010 --> 00:54:08,840
doing with good think

1342
00:54:06,829 --> 00:54:09,829
do I always like to say as well

1343
00:54:08,840 --> 00:54:11,450
congratulations all the work that

1344
00:54:09,829 --> 00:54:14,469
Australian skeptics do you really are

1345
00:54:11,449 --> 00:54:16,369
some of the the world leaders in

1346
00:54:14,469 --> 00:54:17,989
inspiring that the kind of work that

1347
00:54:16,369 --> 00:54:19,519
we're doing in another kind of work too

1348
00:54:17,989 --> 00:54:36,199
so yeah it's always going to catch your

1349
00:54:19,519 --> 00:54:38,840
Bridget thanks Marsh hello on our needle

1350
00:54:36,199 --> 00:54:41,389
on solo scoffs of dip moment when Tyrion

1351
00:54:38,840 --> 00:54:46,340
at low so now to skeptics on for weed to

1352
00:54:41,389 --> 00:54:49,369
stop and Katie Schneider moving from RC

1353
00:54:46,340 --> 00:54:51,940
Connor we movie boom skeptics own punt

1354
00:54:49,369 --> 00:54:51,940

TV

1355

00:55:05,150 --> 00:55:10,139

thank you for listening to the skeptic

1356

00:55:07,949 --> 00:55:11,579

zone and thank you to Heidi for that

1357

00:55:10,139 --> 00:55:13,259

excellent report and thank you to

1358

00:55:11,579 --> 00:55:15,329

Michael Marshall for that interview as

1359

00:55:13,260 --> 00:55:18,720

well well done Michael you're a good

1360

00:55:15,329 --> 00:55:22,529

thinking society is doing a good job now

1361

00:55:18,719 --> 00:55:25,319

as I mentioned coming up on the skeptic

1362

00:55:22,530 --> 00:55:31,040

zone next week more about the node jab

1363

00:55:25,320 --> 00:55:31,039

no pay no way rally in Sydney

1364

00:55:36,760 --> 00:55:44,320

Oh dearie me that's actually taken from

1365

00:55:42,010 --> 00:55:46,900

a video and it really wasn't that many

1366

00:55:44,320 --> 00:55:48,700

people marching ah well they gave it a

1367

00:55:46,900 --> 00:55:51,460

go it's their freedom in our democracy

1368

00:55:48,699 --> 00:55:53,109

to march down the street with their

1369
00:55:51,460 --> 00:55:56,079
message and that's exactly what they did

1370
00:55:53,110 --> 00:55:57,700
and coming up next week I think next

1371
00:55:56,079 --> 00:55:59,860
week or maybe the week after probably

1372
00:55:57,699 --> 00:56:01,929
next week I'm going to be interviewing

1373
00:55:59,860 --> 00:56:05,920
James Randi catching up with my old

1374
00:56:01,929 --> 00:56:08,289
friend asking him how retirement going

1375
00:56:05,920 --> 00:56:11,110
what he does in his retirement I'm sure

1376
00:56:08,289 --> 00:56:13,269
he's still very busy and we'll find out

1377
00:56:11,110 --> 00:56:16,990
more about the upcoming amazing meeting

1378
00:56:13,269 --> 00:56:18,550
in July in Las Vegas looking forward to

1379
00:56:16,989 --> 00:56:20,739
that I always have a great time at the

1380
00:56:18,550 --> 00:56:23,350
amazing meeting I learn a lot every time

1381
00:56:20,739 --> 00:56:25,719
I go there and I love meeting skeptics

1382
00:56:23,349 --> 00:56:28,659
own fans and everybody it really is a

1383
00:56:25,719 --> 00:56:30,159
great event this year will be

1384
00:56:28,659 --> 00:56:33,309
particularly special I think because

1385
00:56:30,159 --> 00:56:35,980
it's a special recognition of the life

1386
00:56:33,309 --> 00:56:37,299
and works of James Randi and if you are

1387
00:56:35,980 --> 00:56:39,849
coming to the amazing meeting and you

1388
00:56:37,300 --> 00:56:42,130
see me pop over and say hello I'd love

1389
00:56:39,849 --> 00:56:44,739
to say hello to you and if you're in

1390
00:56:42,130 --> 00:56:47,769
Sydney I might see you in a week or two

1391
00:56:44,739 --> 00:56:49,719
at Sydney skeptics in the pub first

1392
00:56:47,769 --> 00:56:52,090
thursday of every month at the crown

1393
00:56:49,719 --> 00:56:55,230
hotel the corner of Goulburn elizabeth

1394
00:56:52,090 --> 00:56:58,000
streets in the city 6 p.m. meet upstairs

1395
00:56:55,230 --> 00:57:00,250
but for this week this is Richard

1396
00:56:58,000 --> 00:57:06,159
Saunders signing off from Sydney

1397

00:57:00,250 --> 00:57:08,679
Australia you've been listening to the

1398
00:57:06,159 --> 00:57:12,519
skeptics own podcast visit our website

1399
00:57:08,679 --> 00:57:15,789
at wwc a petting zoo TV for contacts and

1400
00:57:12,519 --> 00:57:18,969
archive of all episodes since 2008 and

1401
00:57:15,789 --> 00:57:21,009
our online store please support the

1402
00:57:18,969 --> 00:57:24,369
skeptic zone by following us on twitter

1403
00:57:21,010 --> 00:57:27,880
at skeptic zone liking us on facebook

1404
00:57:24,369 --> 00:57:29,380
and leaving a review on iTunes you can

1405
00:57:27,880 --> 00:57:33,220
also show your support by subscribing

1406
00:57:29,380 --> 00:57:36,280
via paypal for as little as 99 cents a

1407
00:57:33,219 --> 00:57:37,869
week the skeptic zone is an independent

1408
00:57:36,280 --> 00:57:40,330
production the views and opinions

1409
00:57:37,869 --> 00:57:42,699
expressed on the skeptic zone and not

1410
00:57:40,329 --> 00:57:47,610
necessarily those Australian skeptics or

1411
00:57:42,699 --> 00:57:47,609

any other skeptical organization