

Show 503

THE
**SKEPTIC
ZONE**
PODCAST

www.skepticzone.tv

10 June 2018

Michael Marshall



The Skeptic Zone Podcast
Show 503 - 10 June 2018

Homeopaths' legal challenge to
NHS England fails - with Michael Marshall

Maynard at Skeptics in the Pub

Dr Brad McKay with insights
into drug use

1
00:00:09,080 --> 00:00:05,920

[Music]

2
00:00:11,830 --> 00:00:09,090

welcome to the skeptic zone the podcast

3
00:00:13,890 --> 00:00:11,840

from Australia for science and reason

4
00:00:16,880 --> 00:00:13,900

[Music]

5
00:00:23,120 --> 00:00:16,890

[Applause]

6
00:00:25,980 --> 00:00:23,130

[Music]

7
00:00:30,260 --> 00:00:25,990

yes it's the skeptic zone podcast

8
00:00:34,799 --> 00:00:30,270

episode number 503 for the 10th of June

9
00:00:37,680 --> 00:00:34,809

2018 not July and I think last week on

10
00:00:39,869 --> 00:00:37,690

the show I said I said the month was

11
00:00:42,060 --> 00:00:39,879

July getting ahead of myself it's June

12
00:00:44,430 --> 00:00:42,070

this is the 10th of June

13
00:00:46,229 --> 00:00:44,440

unless you're listening in the United

14

00:00:49,200 --> 00:00:46,239

States when this comes out when it's the

15

00:00:51,329 --> 00:00:49,210

9th of June or the magic of time zones I

16

00:00:54,060 --> 00:00:51,339

know cuz I'm in that time zone right now

17

00:00:55,740 --> 00:00:54,070

I'm not in the 10th of June time zone

18

00:00:57,450 --> 00:00:55,750

I'm in the 9th of June time zone but

19

00:01:00,750 --> 00:00:57,460

this is the skeptic zone for the 10th of

20

00:01:02,009 --> 00:01:00,760

June and you think that we have trouble

21

00:01:03,539 --> 00:01:02,019

now just wait till people start

22

00:01:06,060 --> 00:01:03,549

traveling near the speed of light and

23

00:01:08,249 --> 00:01:06,070

they have to deal with the ridiculous

24

00:01:10,620 --> 00:01:08,259

time zones hmm

25

00:01:14,330 --> 00:01:10,630

jet lag is bad enough as it is what are

26

00:01:19,590 --> 00:01:14,340

they gonna call that time lag light lag

27

00:01:21,870 --> 00:01:19,600

time zone jet lag lag lag blegh boggles

28

00:01:24,149 --> 00:01:21,880

the mind and I hope this week's episode

29

00:01:26,700 --> 00:01:24,159

of the skeptics on will also boggle the

30

00:01:28,440 --> 00:01:26,710

mind we're going to start with catch up

31

00:01:30,620 --> 00:01:28,450

with Michael Marshall from the good

32

00:01:33,530 --> 00:01:30,630

thinking society in the UK with news

33

00:01:37,200 --> 00:01:33,540

news on a victory a court victory

34

00:01:40,020 --> 00:01:37,210

against homeopathy very interesting and

35

00:01:41,760 --> 00:01:40,030

very good news coming out of the UK all

36

00:01:45,120 --> 00:01:41,770

those details coming up with Michael

37

00:01:47,730 --> 00:01:45,130

Marshall following that a short promo

38

00:01:49,670 --> 00:01:47,740

for an upcoming talk in Sydney with my

39

00:01:52,500 --> 00:01:49,680

old friend dr. Angela Matki the

40

00:01:54,060 --> 00:01:52,510

emergency physician dr. Angie's going to

41

00:01:56,640 --> 00:01:54,070

be in Australia and we're lucky enough

42

00:01:59,370 --> 00:01:56,650

to have her talk at the skeptics in the

43

00:02:02,340 --> 00:01:59,380

pub in Sydney then we have Maynard at

44

00:02:05,609 --> 00:02:02,350

skeptics in the pub I was I was here in

45

00:02:07,890 --> 00:02:05,619

the Bay Area just arrived in fact half

46

00:02:09,930 --> 00:02:07,900

asleep but over in Sydney they had

47

00:02:12,089 --> 00:02:09,940

skeptics in the pub I was texting

48

00:02:13,740 --> 00:02:12,099

Maynard a few things and he was running

49

00:02:16,860 --> 00:02:13,750

around with his microphone asking

50

00:02:21,210 --> 00:02:16,870

skeptics the big question do you think

51
00:02:22,920 --> 00:02:21,220
skeptics can learn anything from the

52
00:02:25,050 --> 00:02:22,930
believers in the paranormal some

53
00:02:27,449 --> 00:02:25,060
interesting answers and then may not

54
00:02:29,990 --> 00:02:27,459
interviews dr. Brad Makai who was the

55
00:02:32,520 --> 00:02:30,000
guest speaker at skeptics in the pub

56
00:02:33,270 --> 00:02:32,530
wide-ranging sort of rambling interview

57
00:02:36,110 --> 00:02:33,280
in true Maine

58
00:02:39,390 --> 00:02:36,120
art-style many topics covered including

59
00:02:41,970 --> 00:02:39,400
Brad's opinion on drug use very

60
00:02:44,640 --> 00:02:41,980
interesting always good to hear from dr.

61
00:02:48,180 --> 00:02:44,650
Brad Makai on the sceptic zone now if

62
00:02:53,100 --> 00:02:48,190
you are in the Bay Area tomorrow Sunday

63
00:02:56,100 --> 00:02:53,110

the 10th which is today in Sydney just

64

00:02:59,309 --> 00:02:56,110

ignore all that timezone stuff Sunday

65

00:03:05,070 --> 00:02:59,319

the temp in Berkeley in California we

66

00:03:08,250 --> 00:03:05,080

have skeptical at skeptic Alcon dot-com

67

00:03:10,229 --> 00:03:08,260

and I've just been told by my good

68

00:03:11,699 --> 00:03:10,239

friend Eugenie Scott that tickets will

69

00:03:14,430 --> 00:03:11,709

be available at the door so if you

70

00:03:16,620 --> 00:03:14,440

haven't bought your tickets yet don't

71

00:03:20,190 --> 00:03:16,630

worry you can turn up and still enjoy

72

00:03:22,949 --> 00:03:20,200

the day tomorrow or if you go to skip

73

00:03:25,559 --> 00:03:22,959

decal con-com links on the show notes

74

00:03:27,960 --> 00:03:25,569

you can buy tickets online if you wish

75

00:03:30,300 --> 00:03:27,970

looking forward to that very much in

76
00:03:32,520 --> 00:03:30,310
less than 24 hours as I'm recording and

77
00:03:34,890 --> 00:03:32,530
if you're coming along I certainly look

78
00:03:37,680 --> 00:03:34,900
forward to seeing you there and I will

79
00:03:40,289 --> 00:03:37,690
also be at The Skeptical pre-conference

80
00:03:43,759 --> 00:03:40,299
skeptics in the pub and that's starting

81
00:03:47,509 --> 00:03:43,769
at about 7 p.m. on Saturday the 9th of

82
00:03:50,940 --> 00:03:47,519
June the day I'm recording this message

83
00:03:53,729 --> 00:03:50,950
in this time zone bear with me and

84
00:03:56,850 --> 00:03:53,739
that's at Carmel restaurant at 20:20

85
00:03:59,460 --> 00:03:56,860
Shattuck Avenue Berkeley and that would

86
00:04:01,460 --> 00:03:59,470
be great to see you there too who knows

87
00:04:04,349 --> 00:04:01,470
maybe I can rustle up some spoons and

88
00:04:06,960 --> 00:04:04,359

there's a spoon bending and fold some

89

00:04:09,449 --> 00:04:06,970

origami pigs and just have a good time

90

00:04:13,620 --> 00:04:09,459

seeing everybody at skeptics in the pub

91

00:04:16,229 --> 00:04:13,630

here in California don't be surprised if

92

00:04:17,670 --> 00:04:16,239

I interview you for the skeptic zone but

93

00:04:20,789 --> 00:04:17,680

if you can't make any of that because

94

00:04:24,240 --> 00:04:20,799

you're living in Oregon well why don't I

95

00:04:26,520 --> 00:04:24,250

come along to a special meetup being a

96

00:04:30,719 --> 00:04:26,530

TV skeptic it's called as a talk by me

97

00:04:32,430 --> 00:04:30,729

at Pepe's pizza in Bend Oregon and that

98

00:04:37,140 --> 00:04:32,440

will be on the night of Monday the 18th

99

00:04:39,210 --> 00:04:37,150

of June from 6 p.m. more details on this

100

00:04:41,190 --> 00:04:39,220

week's show notes and I'm looking

101
00:04:44,640 --> 00:04:41,200
forward to that immensely have not been

102
00:04:46,880 --> 00:04:44,650
up to Bend Oregon before and I think

103
00:04:50,310 --> 00:04:46,890
I'll try to

104
00:04:54,240 --> 00:04:50,320
find some time to hunt for Bigfoot

105
00:04:56,910 --> 00:04:54,250
well why not that's what you do you go

106
00:05:00,810 --> 00:04:56,920
to Scotland you go to Loch Ness you go

107
00:05:02,970 --> 00:05:00,820
to Oregon you look for Bigfoot if I find

108
00:05:05,670 --> 00:05:02,980
one you'll be the first to know and my

109
00:05:08,250 --> 00:05:05,680
host for my visit up there is Brian

110
00:05:10,080 --> 00:05:08,260
Dunning from the skeptoid podcast and I

111
00:05:12,570 --> 00:05:10,090
thank him very much for organizing the

112
00:05:15,510 --> 00:05:12,580
talk but now it's time for me to run

113
00:05:17,820 --> 00:05:15,520

upstairs have an extra large cup of

114

00:05:21,840 --> 00:05:17,830

coffee trying to get my head together

115

00:05:23,520 --> 00:05:21,850

jet lag is a funny thing sometimes after

116

00:05:26,250 --> 00:05:23,530

a couple of days you think you're doing

117

00:05:29,280 --> 00:05:26,260

really fine and bammo two o'clock in the

118

00:05:32,430 --> 00:05:29,290

morning you're wide awake extra-large

119

00:05:35,670 --> 00:05:32,440

cup of coffee some nice sourdough bread

120

00:05:37,620 --> 00:05:35,680

and clam chowder I'm going to run

121

00:05:39,840 --> 00:05:37,630

upstairs see if there's any of that

122

00:05:42,060 --> 00:05:39,850

about and run back downstairs very

123

00:05:42,970 --> 00:05:42,070

quickly to bring you the rest of the

124

00:05:59,320 --> 00:05:42,980

skeptics are

125

00:06:01,940 --> 00:05:59,330

[Music]

126
00:06:03,260 --> 00:06:01,950
and joining me now all the way from the

127
00:06:06,650 --> 00:06:03,270
UK is out

128
00:06:08,570 --> 00:06:06,660
well frequent UK correspondent I'm very

129
00:06:12,700 --> 00:06:08,580
pleased to say from the good thinking

130
00:06:16,580 --> 00:06:12,710
society Michael Marshall hi Marsh Hey

131
00:06:18,650 --> 00:06:16,590
always a pleasure it's nice to know I

132
00:06:21,440 --> 00:06:18,660
can contact you at relatively short

133
00:06:23,990 --> 00:06:21,450
notice because just yesterday on the

134
00:06:26,420 --> 00:06:24,000
interwebs I know the stores of the day

135
00:06:28,700 --> 00:06:26,430
before I noticed a news report from the

136
00:06:31,880 --> 00:06:28,710
good thinking society about well what I

137
00:06:36,470 --> 00:06:31,890
guess we can say is a victory in this

138
00:06:42,170 --> 00:06:36,480

ongoing homeopathic dilution nonsense

139

00:06:43,760 --> 00:06:42,180

what can you tell our audience yes for a

140

00:06:46,490 --> 00:06:43,770

little while so I think actually the

141

00:06:49,610 --> 00:06:46,500

last time the previous times on the show

142

00:06:52,070 --> 00:06:49,620

I mentioned about the fact that NHS

143

00:06:54,530 --> 00:06:52,080

England which is the body that advises

144

00:06:56,330 --> 00:06:54,540

GPS here in the UK of what they can and

145

00:06:58,790 --> 00:06:56,340

can't do what they should shouldn't do

146

00:07:00,950 --> 00:06:58,800

what drugs to you to use what things

147

00:07:04,100 --> 00:07:00,960

they shouldn't be using back in November

148

00:07:07,250 --> 00:07:04,110

they issued guidance to GPS to say that

149

00:07:09,140 --> 00:07:07,260

GP should not prescribe homeopathy which

150

00:07:10,820 --> 00:07:09,150

is something we obviously wholeheartedly

151
00:07:13,970 --> 00:07:10,830
agree with them we've been campaigning

152
00:07:15,680 --> 00:07:13,980
for and pushing for for some time but

153
00:07:17,720 --> 00:07:15,690
while we agree with it it turns out

154
00:07:20,510 --> 00:07:17,730
unsurprisingly homeopathy did not agree

155
00:07:22,850 --> 00:07:20,520
with it and so they brought a legal case

156
00:07:25,250 --> 00:07:22,860
against NHS England to have them

157
00:07:28,340 --> 00:07:25,260
overturn the guidance of their expert

158
00:07:31,300 --> 00:07:28,350
panel and try and rescind that advice

159
00:07:34,100 --> 00:07:31,310
GPS to stop stop prescribing homeopathy

160
00:07:35,600 --> 00:07:34,110
and that legal case was heard a couple

161
00:07:38,300 --> 00:07:35,610
of weeks ago the course of three days

162
00:07:40,820 --> 00:07:38,310
and the results of that legal case were

163
00:07:42,860 --> 00:07:40,830

just announced and we're very pleased to

164

00:07:45,410 --> 00:07:42,870

see that the judge threw the case out

165

00:07:47,930 --> 00:07:45,420

completely rejected all the grounds that

166

00:07:50,530 --> 00:07:47,940

the homeopath brought forward and and as

167

00:07:53,150 --> 00:07:50,540

such will not be during NHS England to

168

00:07:54,830 --> 00:07:53,160

change their decision or to go back and

169

00:07:56,690 --> 00:07:54,840

make another decision in the event the

170

00:07:59,450 --> 00:07:56,700

original decision will stand which is

171

00:08:01,969 --> 00:07:59,460

which is fantastic news will you were

172

00:08:02,330 --> 00:08:01,979

you more or less expecting this decision

173

00:08:06,620 --> 00:08:02,340

or

174

00:08:08,689 --> 00:08:06,630

pleasant surprise I would say I was

175

00:08:11,150 --> 00:08:08,699

quietly confident that this is the

176

00:08:13,490 --> 00:08:11,160

direction that it would go so we took a

177

00:08:16,100 --> 00:08:13,500

very close interest in the consultation

178

00:08:17,930 --> 00:08:16,110

by NHS England when it happened

179

00:08:20,390 --> 00:08:17,940

partly to make sure that they weren't

180

00:08:21,890 --> 00:08:20,400

doing we were including something in

181

00:08:23,840 --> 00:08:21,900

there that didn't make sense or that

182

00:08:26,320 --> 00:08:23,850

they weren't asking a question that

183

00:08:28,189 --> 00:08:26,330

might get them the wrong kind of

184

00:08:30,230 --> 00:08:28,199

insights you know you could very easily

185

00:08:32,060 --> 00:08:30,240

ask the question do you find homeopathy

186

00:08:33,829 --> 00:08:32,070

beneficial which is very different from

187

00:08:35,659 --> 00:08:33,839

is homi all could be actually beneficial

188

00:08:37,730 --> 00:08:35,669

you know you're if you're not looking

189

00:08:39,110 --> 00:08:37,740

for subject objective outcomes but

190

00:08:41,089 --> 00:08:39,120

subjective outcomes so we were close

191

00:08:42,709 --> 00:08:41,099

closely monitoring the consultation to

192

00:08:44,870 --> 00:08:42,719

make sure that it was being conducted

193

00:08:46,460 --> 00:08:44,880

fairly but we're also monitoring it to

194

00:08:49,760 --> 00:08:46,470

make sure it was fair to the homeopaths

195

00:08:51,650 --> 00:08:49,770

because if a consultation is done as

196

00:08:53,240 --> 00:08:51,660

responsibly and as fairly as possible

197

00:08:54,769 --> 00:08:53,250

and gives as much opportunity as

198

00:08:57,079 --> 00:08:54,779

possible for people who do believe it

199

00:08:59,120 --> 00:08:57,089

hold me often thing to have this when

200

00:09:01,100 --> 00:08:59,130

that when the decision comes out and it

201
00:09:02,930 --> 00:09:01,110
goes against homeopathy it's very easy

202
00:09:04,850 --> 00:09:02,940
to then defend that that consultation

203
00:09:06,800 --> 00:09:04,860
and say well this was a very fair

204
00:09:09,050 --> 00:09:06,810
process it was all conducted properly

205
00:09:10,850 --> 00:09:09,060
and so the outcome is now understand so

206
00:09:12,740 --> 00:09:10,860
when we saw the consultation it

207
00:09:15,949 --> 00:09:12,750
certainly looked to my eyes that they've

208
00:09:17,690 --> 00:09:15,959
been there given the homeopaths ample

209
00:09:20,090 --> 00:09:17,700
opportunity to put their case forward

210
00:09:22,579 --> 00:09:20,100
every every possibility to make the

211
00:09:25,010 --> 00:09:22,589
strongest case for keeping homeopathy as

212
00:09:26,360 --> 00:09:25,020
possible and unsurprisingly it turned

213
00:09:28,880 --> 00:09:26,370

out that that strongest case wasn't

214

00:09:30,769 --> 00:09:28,890

strong enough to justify it but to give

215

00:09:32,540 --> 00:09:30,779

them every opportunity means when they

216

00:09:34,760 --> 00:09:32,550

complain that things weren't happening

217

00:09:36,620 --> 00:09:34,770

correctly you can stand up to that in

218

00:09:38,990 --> 00:09:36,630

court and and that's one of the things

219

00:09:40,460 --> 00:09:39,000

that judge found so for example the

220

00:09:42,440 --> 00:09:40,470

British on the empathic association

221

00:09:44,600 --> 00:09:42,450

which which were the ones bringing this

222

00:09:47,090 --> 00:09:44,610

case I think they raised something like

223

00:09:49,490 --> 00:09:47,100

twenty or thirty thousand pounds from

224

00:09:51,050 --> 00:09:49,500

their supporters to challenge this so

225

00:09:53,900 --> 00:09:51,060

there's a there's a decent amount of

226

00:09:55,430 --> 00:09:53,910

money flying around here so one of the

227

00:09:57,530 --> 00:09:55,440

things that they said was that the

228

00:09:59,810 --> 00:09:57,540

online consultation was too difficult

229

00:10:01,550 --> 00:09:59,820

for people to fill in because they had

230

00:10:02,780 --> 00:10:01,560

to complaints from people who said we

231

00:10:05,000 --> 00:10:02,790

tried to fill this enemy found it very

232

00:10:06,530 --> 00:10:05,010

difficult but in throwing that argument

233

00:10:09,230 --> 00:10:06,540

out the judge pointed out that the only

234

00:10:11,449 --> 00:10:09,240

two complaints the VA chair had received

235

00:10:15,920 --> 00:10:11,459

were from people who had still managed

236

00:10:21,139 --> 00:10:17,780

it wasn't it wasn't prohibitively

237

00:10:22,730 --> 00:10:21,149

difficult so I think I wasn't there in

238

00:10:24,680 --> 00:10:22,740

the courtroom although I did I do know

239

00:10:27,500 --> 00:10:24,690

people who were there and the sense that

240

00:10:30,170 --> 00:10:27,510

they got was that the beer chair were

241

00:10:32,660 --> 00:10:30,180

trying as many different arguments as

242

00:10:33,980 --> 00:10:32,670

they could to try and to try and

243

00:10:36,769 --> 00:10:33,990

demonstrate why they felt this is an

244

00:10:39,290 --> 00:10:36,779

affair which bizarrely enough is is

245

00:10:40,880 --> 00:10:39,300

sometimes indicative of not having a

246

00:10:42,710 --> 00:10:40,890

strong argument because if you've got a

247

00:10:44,480 --> 00:10:42,720

very very strong argument that's the

248

00:10:46,970 --> 00:10:44,490

argument you make but if you go in and

249

00:10:48,440 --> 00:10:46,980

you make lots of medium on low strength

250

00:10:51,079 --> 00:10:48,450

arguments it's because you didn't have

251
00:10:52,579 --> 00:10:51,089
what looked like kilograms and yeah so

252
00:10:53,240 --> 00:10:52,589
when when I heard what had been said in

253
00:10:56,600 --> 00:10:53,250
the courtroom

254
00:10:59,030 --> 00:10:56,610
I felt optimistic that it would go the

255
00:11:00,530 --> 00:10:59,040
right way and it's a it's a it's very

256
00:11:01,460 --> 00:11:00,540
pleasing to see that it has actually

257
00:11:03,350 --> 00:11:01,470
gone the right way now

258
00:11:06,889 --> 00:11:03,360
it's interesting you should talk about

259
00:11:08,690 --> 00:11:06,899
the fact that it was very important that

260
00:11:10,730 --> 00:11:08,700
the homeopaths in this situation were

261
00:11:13,160 --> 00:11:10,740
given every fair and reasonable

262
00:11:15,079 --> 00:11:13,170
opportunity and I completely agree with

263
00:11:18,199 --> 00:11:15,089

you and I couldn't help being reminded

264

00:11:19,790 --> 00:11:18,209

of when various skeptical organizations

265

00:11:23,240 --> 00:11:19,800

around the world this train skeptics for

266

00:11:26,030 --> 00:11:23,250

example or in the old days the James

267

00:11:28,550 --> 00:11:26,040

Randi Educational Foundation had psychic

268

00:11:31,310 --> 00:11:28,560

tests one of the benchmarks one of the

269

00:11:34,850 --> 00:11:31,320

the golden standards was to give the

270

00:11:38,090 --> 00:11:34,860

claimant every fair reasonable and true

271

00:11:40,610 --> 00:11:38,100

opportunity to prove their case and as

272

00:11:42,980 --> 00:11:40,620

we discovered even if we do that they

273

00:11:47,300 --> 00:11:42,990

they will still find reason to complain

274

00:11:48,380 --> 00:11:47,310

afterwards I think it's the right thing

275

00:11:51,800 --> 00:11:48,390

to do from several different

276

00:11:53,930 --> 00:11:51,810

perspectives I mean one is that you you

277

00:11:56,329 --> 00:11:53,940

want every opportunity for a genuine

278

00:11:58,280 --> 00:11:56,339

effect to show itself so you don't want

279

00:11:59,960 --> 00:11:58,290

to bias in case you happen to be wrong

280

00:12:02,210 --> 00:11:59,970

in case the person you're talking to is

281

00:12:03,710 --> 00:12:02,220

psychic or in case there is some stellar

282

00:12:06,500 --> 00:12:03,720

evidence in favor of homeopathy

283

00:12:08,569 --> 00:12:06,510

somewhere you want that to be heard but

284

00:12:11,690 --> 00:12:08,579

also you want it to be clear that we

285

00:12:13,400 --> 00:12:11,700

aren't looking for a whitewash we aren't

286

00:12:15,800 --> 00:12:13,410

looking to bias the outcome we want the

287

00:12:17,660 --> 00:12:15,810

fair is outcome possible and if that

288

00:12:19,130 --> 00:12:17,670

means that we hear the other side out

289

00:12:20,930 --> 00:12:19,140

and we give them every opportunity and

290

00:12:23,540 --> 00:12:20,940

still find or in this case the judge

291

00:12:25,579 --> 00:12:23,550

still finds that the skeptical position

292

00:12:27,920 --> 00:12:25,589

was right that just means that we can

293

00:12:29,090 --> 00:12:27,930

defend ourselves even better and yes the

294

00:12:29,780 --> 00:12:29,100

people who disagree with are very

295

00:12:32,009 --> 00:12:29,790

unlikely

296

00:12:34,319 --> 00:12:32,019

to accept the decision they're very

297

00:12:36,689 --> 00:12:34,329

unlikely to change their mind but we can

298

00:12:38,790 --> 00:12:36,699

at least stand by it and say we did it

299

00:12:41,519 --> 00:12:38,800

we did everything we could to give them

300

00:12:43,559 --> 00:12:41,529

every opportunity and from a moral sort

301
00:12:46,049 --> 00:12:43,569
of ethical standpoint we've we've we've

302
00:12:47,970 --> 00:12:46,059
acted as responsibly as we can really

303
00:12:50,639 --> 00:12:47,980
yeah and I think that's vital I think

304
00:12:53,009 --> 00:12:50,649
that's so important I can't stress that

305
00:12:55,679 --> 00:12:53,019
enough and again I hug back to the tests

306
00:12:59,519 --> 00:12:55,689
that we do when we're testing paranormal

307
00:13:01,499 --> 00:12:59,529
claims that we are absolutely certain

308
00:13:03,480 --> 00:13:01,509
that we make sure it's fair for

309
00:13:05,549 --> 00:13:03,490
everybody but I noticed the British

310
00:13:08,939 --> 00:13:05,559
homeopathic Association or was it

311
00:13:12,449 --> 00:13:08,949
somebody speaking for them produced a

312
00:13:20,639 --> 00:13:12,459
video not very happy about the outcome

313
00:13:22,290 --> 00:13:20,649

at all of course they're not gonna be

314

00:13:24,629 --> 00:13:22,300

very happy I would actually disagree

315

00:13:27,480 --> 00:13:24,639

with the way they characterize both

316

00:13:28,859 --> 00:13:27,490

their legal case and this decision

317

00:13:31,980 --> 00:13:28,869

because obviously they paint this as

318

00:13:33,660 --> 00:13:31,990

being an unfair decision they paint this

319

00:13:37,040 --> 00:13:33,670

as being against patient choice they

320

00:13:40,679 --> 00:13:37,050

paint their their legal cases being

321

00:13:42,749 --> 00:13:40,689

strong and brave and and all these kinds

322

00:13:44,249 --> 00:13:42,759

of things and having been familiar with

323

00:13:46,889 --> 00:13:44,259

some of the arguments that were made and

324

00:13:50,189 --> 00:13:46,899

having read the the full judgment of the

325

00:13:51,329 --> 00:13:50,199

courts it's very hard to see how if

326

00:13:52,799 --> 00:13:51,339

you're familiar with the details of the

327

00:13:55,769 --> 00:13:52,809

case that's the conclusion you come to

328

00:13:56,759 --> 00:13:55,779

but as far as that's the conclusion

329

00:13:59,340 --> 00:13:56,769

you're going to come to if you're

330

00:14:03,419 --> 00:13:59,350

heavily invested both emotionally and

331

00:14:04,769 --> 00:14:03,429

financially in in this case so I guess

332

00:14:05,999 --> 00:14:04,779

it's kind of natural that they're very

333

00:14:08,280 --> 00:14:06,009

upset and they want to obviously show

334

00:14:10,139 --> 00:14:08,290

their supporters the best side of this

335

00:14:11,939 --> 00:14:10,149

defeat is possible but the important

336

00:14:13,829 --> 00:14:11,949

thing is that this was a defeat this the

337

00:14:15,900 --> 00:14:13,839

important thing is that the courts stood

338

00:14:18,569 --> 00:14:15,910

by the decision of NHS England and the

339

00:14:21,150 --> 00:14:18,579

guidance to GP stands ironically enough

340

00:14:24,299 --> 00:14:21,160

although this is being painted in the

341

00:14:26,879 --> 00:14:24,309

press as being the called upholding of a

342

00:14:30,090 --> 00:14:26,889

ban on homeopathy this isn't actually a

343

00:14:32,579 --> 00:14:30,100

ban on homeopathy NHS England doesn't

344

00:14:35,039 --> 00:14:32,589

have the ability or the authority

345

00:14:37,679 --> 00:14:35,049

legally to tell you to outright ban

346

00:14:41,280 --> 00:14:37,689

something so instead what they're doing

347

00:14:42,360 --> 00:14:41,290

is they've had issued guidance to GPS on

348

00:14:45,180 --> 00:14:42,370

what they can and

349

00:14:47,670 --> 00:14:45,190

can't prescribe but GPS can just ignore

350

00:14:52,110 --> 00:14:47,680

that guidance if they'd like to have

351
00:14:54,120 --> 00:14:52,120
given when there are homeopathy who are

352
00:14:56,190 --> 00:14:54,130
the professional membership body of

353
00:14:57,960 --> 00:14:56,200
doctors and other health care

354
00:15:01,050 --> 00:14:57,970
professionals who are also of homeopaths

355
00:15:03,030 --> 00:15:01,060
if you are a GP and you're prescribing

356
00:15:05,460 --> 00:15:03,040
homeopathy instance the NHS England says

357
00:15:07,440 --> 00:15:05,470
we advise you not to you may we'll just

358
00:15:08,970 --> 00:15:07,450
carry on and do that anyway so what's

359
00:15:10,110 --> 00:15:08,980
really really important is that we go

360
00:15:12,810 --> 00:15:10,120
not just from the decision by an

361
00:15:14,460 --> 00:15:12,820
interesting band but we look at what NHS

362
00:15:16,470 --> 00:15:14,470
England recommended to the Department of

363
00:15:18,420 --> 00:15:16,480

Health who they said the public health

364

00:15:20,370 --> 00:15:18,430

you have to actually and the

365

00:15:22,110 --> 00:15:20,380

prescriptions of homeopathy to end

366

00:15:23,070 --> 00:15:22,120

homeopathy completely and that's

367

00:15:25,079 --> 00:15:23,080

something we've been that we've been

368

00:15:28,200 --> 00:15:25,089

pushing for with oh good thinking - so

369

00:15:30,390 --> 00:15:28,210

while this is a hugely symbolic a hugely

370

00:15:32,519 --> 00:15:30,400

important statement and a huge symbolic

371

00:15:34,920 --> 00:15:32,529

statement it isn't actually an outright

372

00:15:37,290 --> 00:15:34,930

ban only the public health can do that

373

00:15:39,240 --> 00:15:37,300

and that's the next step is to get the

374

00:15:40,500 --> 00:15:39,250

department health to listen to NHS

375

00:15:42,360 --> 00:15:40,510

England and bank homeopathy

376

00:15:45,030 --> 00:15:42,370

prescriptions to listen to the legal

377

00:15:46,920 --> 00:15:45,040

case that we brought back in 2015 and

378

00:15:48,570 --> 00:15:46,930

and do the same band - and that's what

379

00:15:50,460 --> 00:15:48,580

we'll be pushing for next well

380

00:15:52,560 --> 00:15:50,470

interesting days March I tell you what

381

00:15:54,600 --> 00:15:52,570

folks I'm going to link to the article a

382

00:15:56,519 --> 00:15:54,610

good thinking that covers this but I'm

383

00:15:58,260 --> 00:15:56,529

also going to link to the video put out

384

00:15:59,490 --> 00:15:58,270

by the British homeopathic Association

385

00:16:02,190 --> 00:15:59,500

because I think it's important people

386

00:16:04,410 --> 00:16:02,200

see that because when I viewed it what I

387

00:16:07,140 --> 00:16:04,420

was viewing was somebody who is deeply

388

00:16:10,199 --> 00:16:07,150

committed to homeopathy whose worldview

389

00:16:13,199 --> 00:16:10,209

is that homeopathy works full stop and

390

00:16:16,079 --> 00:16:13,209

therefore and you can see the rest it's

391

00:16:21,030 --> 00:16:16,089

an interesting study in psychology well

392

00:16:22,320 --> 00:16:21,040

a lot of these things are really say

393

00:16:24,180 --> 00:16:22,330

this very often that when it comes to

394

00:16:26,160 --> 00:16:24,190

homeopathy I don't think I've met

395

00:16:28,560 --> 00:16:26,170

anybody who is a proponent of

396

00:16:30,930 --> 00:16:28,570

choreography that I would say appears to

397

00:16:32,970 --> 00:16:30,940

be doing it just for the money or doing

398

00:16:34,440 --> 00:16:32,980

a dishonestly I genuinely think they

399

00:16:37,260 --> 00:16:34,450

they really do believe in what they're

400

00:16:38,490 --> 00:16:37,270

doing as far as I can tell I think they

401
00:16:40,470 --> 00:16:38,500
really do think that they're helping

402
00:16:42,150 --> 00:16:40,480
people and they just have the wrong

403
00:16:44,490 --> 00:16:42,160
answers but they they hold those

404
00:16:45,990 --> 00:16:44,500
incorrect beliefs incredibly sincerely I

405
00:16:48,210 --> 00:16:46,000
think that's an important thing to hold

406
00:16:49,500 --> 00:16:48,220
in mind when we are counteracting the

407
00:16:52,530 --> 00:16:49,510
types of things that they would say and

408
00:16:54,660 --> 00:16:52,540
we're trying to debunk or educate the

409
00:16:55,980 --> 00:16:54,670
public about homeopathy is that we

410
00:16:56,249 --> 00:16:55,990
aren't dealing with people that we can

411
00:16:59,189 --> 00:16:56,259
right

412
00:17:01,109 --> 00:16:59,199
as being you know knowing charlatans and

413
00:17:03,119 --> 00:17:01,119

and and all that kind of stuff these are

414

00:17:04,889 --> 00:17:03,129

people who are quite sincere in their

415

00:17:06,720 --> 00:17:04,899

belief and really think they they're

416

00:17:08,730 --> 00:17:06,730

doing well and and I want to help in

417

00:17:10,319 --> 00:17:08,740

almost every case that I've seen I think

418

00:17:12,449 --> 00:17:10,329

you're absolutely right and that's been

419

00:17:14,789 --> 00:17:12,459

my experience too with the similar sort

420

00:17:16,350 --> 00:17:14,799

of people here in Australia well Michael

421

00:17:19,110 --> 00:17:16,360

Marshall thank you very much for

422

00:17:21,090 --> 00:17:19,120

dropping everything and coming to do an

423

00:17:23,460 --> 00:17:21,100

interview with me I don't know what time

424

00:17:25,980 --> 00:17:23,470

it is in the UK it's oh it's reasonably

425

00:17:28,049 --> 00:17:25,990

early in the morning here in California

426
00:17:47,820 --> 00:17:28,059
I can never get the hang of these time

427
00:17:53,129 --> 00:17:50,930
[Music]

428
00:17:55,970 --> 00:17:53,139
from the website of good thinking

429
00:17:59,220 --> 00:17:55,980
society good thinking Society org

430
00:18:03,690 --> 00:17:59,230
published on June the fifth homeopaths

431
00:18:06,600 --> 00:18:03,700
legal challenge to NHS England fails by

432
00:18:09,299 --> 00:18:06,610
Michael Marshall today the British

433
00:18:10,889 --> 00:18:09,309
homeopathic Association lost their legal

434
00:18:13,560 --> 00:18:10,899
case against the National Health Service

435
00:18:15,899 --> 00:18:13,570
England with the judge dismissing all

436
00:18:18,119 --> 00:18:15,909
four parts of their case the British

437
00:18:21,360 --> 00:18:18,129
homeopathic association or BHA and

438
00:18:24,930 --> 00:18:21,370

sought to overturn the NHS England's

439

00:18:28,409 --> 00:18:24,940
announcement in November 2017 of new

440

00:18:31,049 --> 00:18:28,419
guidance which advises GPs not to

441

00:18:32,940 --> 00:18:31,059
prescribe homeopathic remedies Michael

442

00:18:34,980 --> 00:18:32,950
Marshall project director of the good

443

00:18:38,519 --> 00:18:34,990
thinking society said of the decision

444

00:18:41,730 --> 00:18:38,529
quote we are delighted to see the courts

445

00:18:45,539 --> 00:18:41,740
reject the v/h/s challenge to the NHS

446

00:18:47,940 --> 00:18:45,549
England's very sensible advice the NHS

447

00:18:50,669 --> 00:18:47,950
should not be funding treatments that

448

00:18:53,850 --> 00:18:50,679
have not been shown to work

449

00:18:56,480 --> 00:18:53,860
we hope NHS England are now able to

450

00:18:59,369 --> 00:18:56,490
implement this decision without further

451
00:19:01,470 --> 00:18:59,379
unnecessary delay or distraction to help

452
00:19:04,619 --> 00:19:01,480
make sure resources are saved for

453
00:19:08,430 --> 00:19:04,629
treatments that actually work however

454
00:19:09,360 --> 00:19:08,440
this is only guidance for GPS from NHS

455
00:19:11,540 --> 00:19:09,370
England

456
00:19:14,400 --> 00:19:11,550
which some GPS may choose to ignore

457
00:19:17,040 --> 00:19:14,410
given that there are some GPS who are

458
00:19:19,470 --> 00:19:17,050
also homeopaths this guidance weren't

459
00:19:21,450 --> 00:19:19,480
entirely and homeopathy prescriptions

460
00:19:23,310 --> 00:19:21,460
that's why we're calling on the

461
00:19:25,950 --> 00:19:23,320
Department of Health to undertake the

462
00:19:28,350 --> 00:19:25,960
recommendation by NHS England to end

463
00:19:31,080 --> 00:19:28,360

homeopathic products to the NHS

464

00:19:34,350 --> 00:19:31,090

blacklist just as we asked them to do in

465

00:19:37,140 --> 00:19:34,360

October 2015 the last few years have

466

00:19:40,170 --> 00:19:37,150

seen almost every part of the NHS end

467

00:19:42,330 --> 00:19:40,180

support for homeopathy and this Court

468

00:19:44,910 --> 00:19:42,340

decision only goes to further underline

469

00:19:50,010 --> 00:19:44,920

the fact that homeopathy warrants no

470

00:20:05,120 --> 00:19:50,020

place in modern health care end quote

471

00:20:10,710 --> 00:20:07,919

Australian skeptics skeptics in the pub

472

00:20:15,440 --> 00:20:10,720

for Sydney note the change of date folks

473

00:20:21,620 --> 00:20:15,450

it's going to be on the 12th of July a

474

00:20:28,370 --> 00:20:25,200

what happens when the dogma of religion

475

00:20:31,410 --> 00:20:28,380

faces off with the dogma and medicine

476
00:20:36,330 --> 00:20:31,420
science-based medicine happens join dr.

477
00:20:38,850 --> 00:20:36,340
Angela Mackay MD if a CEP as she traces

478
00:20:43,260 --> 00:20:38,860
the sceptical path through medical

479
00:20:45,660 --> 00:20:43,270
history dr. Angie is certified by the

480
00:20:48,870 --> 00:20:45,670
American Board of emergency medicine as

481
00:20:51,870 --> 00:20:48,880
an emergency physician and lives in

482
00:20:54,600 --> 00:20:51,880
Atlanta Georgia she practiced in Atlanta

483
00:20:56,940 --> 00:20:54,610
for years but loves being on the move

484
00:20:59,460 --> 00:20:56,950
dr. Angie has combined her passions for

485
00:21:02,220 --> 00:20:59,470
emergency medicine patient protection

486
00:21:04,799 --> 00:21:02,230
and traveling and now works all over the

487
00:21:08,160 --> 00:21:04,809
United States she is the assistant

488
00:21:10,680 --> 00:21:08,170

director of skeptic at DragonCon

489

00:21:12,780 --> 00:21:10,690

in Atlanta and has given talks at many

490

00:21:14,390 --> 00:21:12,790

skeptics meetings in the United States

491

00:21:16,220 --> 00:21:14,400

and Australia

492

00:21:18,570 --> 00:21:16,230

[Music]

493

00:21:20,820 --> 00:21:18,580

please note the date has been moved to

494

00:21:22,680 --> 00:21:20,830

accommodate doctor Angie normally

495

00:21:25,259 --> 00:21:22,690

skeptics in the pub is on the first

496

00:21:27,869 --> 00:21:25,269

Thursday of the month in July it'll be

497

00:21:29,850 --> 00:21:27,879

on the second Thursday the 12th people

498

00:21:32,100 --> 00:21:29,860

generally start arriving around 6 p.m.

499

00:21:34,379 --> 00:21:32,110

after work and the talk begins at 7:00

500

00:21:36,360 --> 00:21:34,389

and lasts for about 30 minutes the night

501
00:21:39,749 --> 00:21:36,370
finishes when the last person is thrown

502
00:21:41,039 --> 00:21:39,759
out enjoy a meal and a drink and another

503
00:21:43,169 --> 00:21:41,049
meal and another drink

504
00:21:45,749 --> 00:21:43,179
accompanied by lively discussion free

505
00:21:48,720 --> 00:21:45,759
spoon bending lessons and the company of

506
00:21:51,149 --> 00:21:48,730
other skeptics as we cover a variety of

507
00:21:53,759 --> 00:21:51,159
interesting topics there is no need to

508
00:21:56,999 --> 00:21:53,769
belong to Australian skeptics anything

509
00:21:59,580 --> 00:21:57,009
below welcome bring friends - parking is

510
00:22:02,779 --> 00:21:59,590
available nearby or simply catch the

511
00:22:05,789 --> 00:22:02,789
train to win e'en more details at

512
00:22:09,400 --> 00:22:05,799
skeptics comdata you or skeptics earned

513
00:22:18,649 --> 00:22:09,410

off TV in this week's show notes

514

00:22:26,160 --> 00:22:23,320

here's main our spooky action

515

00:22:30,300 --> 00:22:26,170

at the distance

516

00:22:32,810 --> 00:22:30,310

yes it's skeptics in the and I just

517

00:22:35,790 --> 00:22:32,820

received an text from Richard Saunders

518

00:22:37,530 --> 00:22:35,800

because he tells me what to do and he

519

00:22:40,950 --> 00:22:37,540

says what is the question for this

520

00:22:45,420 --> 00:22:40,960

evening that's the question for this

521

00:22:47,820 --> 00:22:45,430

evening is do you think there is

522

00:22:50,970 --> 00:22:47,830

anything skeptics can learn from the

523

00:22:54,120 --> 00:22:50,980

believers in the paranormal do you think

524

00:22:57,330 --> 00:22:54,130

there's anything skeptics can learn from

525

00:23:00,150 --> 00:22:57,340

believers in the paranormal hmm and

526

00:23:02,250 --> 00:23:00,160

we've got dr. Burke I'm doing stuff here

527

00:23:05,040 --> 00:23:02,260

he's really talking about things also

528

00:23:07,350 --> 00:23:05,050

the conversations on the ABC website was

529

00:23:11,340 --> 00:23:07,360

talking about how the flu vaccine is

530

00:23:13,590 --> 00:23:11,350

only 1% effective and it then went on to

531

00:23:15,000 --> 00:23:13,600

say that if the Spanish flu broke out

532

00:23:16,980 --> 00:23:15,010

again it'll be arrived because it's a

533

00:23:20,220 --> 00:23:16,990

secondary infection that everyone died

534

00:23:24,330 --> 00:23:20,230

from oh hello barman how are you what's

535

00:23:26,460 --> 00:23:24,340

the one drinking tonight not much not

536

00:23:29,850 --> 00:23:26,470

much typical skeptics not putting it

537

00:23:31,890 --> 00:23:29,860

down just to see how are you I'm

538

00:23:33,480 --> 00:23:31,900

extremely well I hope people are

539

00:23:35,700 --> 00:23:33,490

drinking a lot because we have to make a

540

00:23:38,010 --> 00:23:35,710

minimum spend well I'm doing my bit yes

541

00:23:39,240 --> 00:23:38,020

and look I've actually sent some drinks

542

00:23:40,740 --> 00:23:39,250

to Richard Saunders even though he's in

543

00:23:44,370 --> 00:23:40,750

America yeah

544

00:23:46,140 --> 00:23:44,380

Richard's not here but the question is

545

00:23:48,030 --> 00:23:46,150

what do you think skeptics can learn

546

00:23:49,400 --> 00:23:48,040

from believers in the paranormal is

547

00:23:54,040 --> 00:23:49,410

there anything we can learn from them

548

00:24:09,650 --> 00:23:58,820

what can we learn was it about belief in

549

00:24:13,040 --> 00:24:09,660

to a certain extent Wow everything but

550

00:24:14,240 --> 00:24:13,050

that look hello sir may not hear oh he's

551

00:24:15,890 --> 00:24:14,250

just ordering his drink

552

00:24:17,450 --> 00:24:15,900

do you think there's anything skeptics

553

00:24:22,130 --> 00:24:17,460

can learn from people who are into the

554

00:24:29,840 --> 00:24:22,140

paranormal at all I mean you can learn

555

00:24:31,610 --> 00:24:29,850

we're thinking was is flawed and how how

556

00:24:35,030 --> 00:24:31,620

you can make mistakes and that you're

557

00:24:37,610 --> 00:24:35,040

not immune from making mistakes in logic

558

00:24:39,470 --> 00:24:37,620

and you're a fan of in search of or

559

00:24:42,890 --> 00:24:39,480

ancient aliens do you occasionally look

560

00:24:47,260 --> 00:24:42,900

at those shows and go mmhmm I do I find

561

00:24:50,450 --> 00:24:47,270

them too painful it's my guilty pleasure

562

00:24:53,780 --> 00:24:50,460

yeah no it's not for me but I'd have a

563

00:24:58,670 --> 00:24:55,790

look do you think skeptics can learn

564

00:25:00,590 --> 00:24:58,680

anything from the paranormal people yeah

565

00:25:04,430 --> 00:25:00,600

I think absolutely it's a good socio and

566

00:25:06,710 --> 00:25:04,440

associate on the word but you know it's

567

00:25:11,210 --> 00:25:06,720

a good way of judging how people react

568

00:25:15,110 --> 00:25:11,220

in stressful situations so do you ever

569

00:25:17,900 --> 00:25:15,120

watch paranormal shows like Asian aliens

570

00:25:19,880 --> 00:25:17,910

I don't watch stuff like that no I can't

571

00:25:21,140 --> 00:25:19,890

get anyone watches that I l've seen

572

00:25:23,300 --> 00:25:21,150

enough memes to know what it's about

573

00:25:25,580 --> 00:25:23,310

it's been tastic look at the guy's a big

574

00:25:28,550 --> 00:25:25,590

hair yeah he's got amazing hair isn't l

575

00:25:32,180 --> 00:25:28,560

mean that kind of stuff it's interesting

576
00:25:34,070 --> 00:25:32,190
for about 5 and 1/2 seconds and then it

577
00:25:36,560 --> 00:25:34,080
wanes a little bit I'm more of a you

578
00:25:38,570 --> 00:25:36,570
know I prefer the scripted paranormal

579
00:25:40,160 --> 00:25:38,580
stuff like the x-files etc you much

580
00:25:42,710 --> 00:25:40,170
smarter than me - that's probably why

581
00:25:44,510 --> 00:25:42,720
you go do you think do you think the

582
00:25:48,320 --> 00:25:44,520
skeptics have anything to learn from the

583
00:25:49,130 --> 00:25:48,330
paranormal people that's a tough

584
00:25:53,990 --> 00:25:49,140
question

585
00:25:56,720 --> 00:25:54,000
Wow yeah I I'm a bit speechless I'm sure

586
00:25:58,550 --> 00:25:56,730
we do because there's a lot of belief

587
00:26:00,110 --> 00:25:58,560
and there's a lot of half based stuff

588
00:26:03,680 --> 00:26:00,120

but there is a certain stuff that's good

589

00:26:05,540 --> 00:26:03,690

so let me just okay I think I'll need to

590

00:26:08,630 --> 00:26:05,550

think about this more thoroughly to

591

00:26:11,330 --> 00:26:08,640

answer in any specific way but I would

592

00:26:14,240 --> 00:26:11,340

say generically yes we can learn

593

00:26:16,790 --> 00:26:14,250

something from anyone either we can

594

00:26:19,040 --> 00:26:16,800

learn positively or negatively so you

595

00:26:21,320 --> 00:26:19,050

will learn from you know some almost

596

00:26:24,140 --> 00:26:21,330

everyone even the most the people whose

597

00:26:25,970 --> 00:26:24,150

who are most wrong in the world do some

598

00:26:27,910 --> 00:26:25,980

even even dive into the company because

599

00:26:31,170 --> 00:26:27,920

he can sell tickets to soundcheck

600

00:26:34,620 --> 00:26:31,180

that's pretty good

601
00:26:37,660 --> 00:26:34,630
clearly this universe is this yeah yes

602
00:26:39,490 --> 00:26:37,670
no but people almost everyone does

603
00:26:41,680 --> 00:26:39,500
something's right and we can learn from

604
00:26:43,450 --> 00:26:41,690
that but even if people do something

605
00:26:44,800 --> 00:26:43,460
wrong we can learn from that as well

606
00:26:47,140 --> 00:26:44,810
we can learn about the thought process

607
00:26:50,320 --> 00:26:47,150
in fact I think a lot of skeptics would

608
00:26:52,630 --> 00:26:50,330
be interested in the paranormal and

609
00:26:54,220 --> 00:26:52,640
believers in the paranormal largely

610
00:26:56,020 --> 00:26:54,230
because of that too in order to

611
00:26:57,720 --> 00:26:56,030
understand what goes through their minds

612
00:27:00,220 --> 00:26:57,730
and why they think the way they do so

613
00:27:03,250 --> 00:27:00,230

yes we definitely who do have something

614

00:27:05,740 --> 00:27:03,260

to learn specifically what I'll have to

615

00:27:08,200 --> 00:27:05,750

get back to you on that oh and did you

616

00:27:11,260 --> 00:27:08,210

enjoy the mind body wallet cuz you in in

617

00:27:19,420 --> 00:27:11,270

disguise gotta say that wig was perfect

618

00:27:22,570 --> 00:27:19,430

thank very and so how many Yanni eggs

619

00:27:23,970 --> 00:27:22,580

have you got now well actually they were

620

00:27:27,100 --> 00:27:23,980

really expensive there they were like

621

00:27:30,940 --> 00:27:27,110

\$85 and I found someone at c-46 so you

622

00:27:32,650 --> 00:27:30,950

know now they are actually porous aren't

623

00:27:34,450 --> 00:27:32,660

they yeah that's why they're a problem

624

00:27:37,360 --> 00:27:34,460

if you would like to learn more please

625

00:27:38,920 --> 00:27:37,370

come to skeptic on in October because I

626

00:27:42,130 --> 00:27:38,930

will be talking about exactly this

627

00:27:43,780 --> 00:27:42,140

subject and there will be pictures and

628

00:27:47,910 --> 00:27:43,790

I'll be watching to see if anyone leave

629

00:27:50,160 --> 00:27:47,920

it works out Norma guy ah come on man

630

00:27:52,770 --> 00:27:50,170

because there's a bit of a major scandal

631

00:27:55,920 --> 00:27:52,780

here as I got my glass of champagne from

632

00:27:57,570 --> 00:27:55,930

the bomb Alethea cried foul and she so

633

00:28:01,260 --> 00:27:57,580

you've got a problem with the the

634

00:28:03,690 --> 00:28:01,270

champagne serving champagne serving yeah

635

00:28:06,210 --> 00:28:03,700

you got more than me outrageous was it

636

00:28:07,890 --> 00:28:06,220

I'm like I look like a seasoned

637

00:28:11,610 --> 00:28:07,900

alcoholic well you just look like a very

638

00:28:13,140 --> 00:28:11,620

talented amateur I don't know if I

639

00:28:17,220 --> 00:28:13,150

should take that as an insult may not

640

00:28:18,540 --> 00:28:17,230

that's a compliment to him there just

641

00:28:21,690 --> 00:28:18,550

give him the entire bottle wouldn't a

642

00:28:23,880 --> 00:28:21,700

Gina yeah they do that regularly yeah

643

00:28:26,310 --> 00:28:23,890

I've had word from Richard Saunders

644

00:28:27,750 --> 00:28:26,320

who's into the u.s. at the moment he's

645

00:28:28,980 --> 00:28:27,760

currently doing a property development

646

00:28:30,840 --> 00:28:28,990

in San Francisco or something I'm not

647

00:28:32,940 --> 00:28:30,850

quite sure maybe he's driving the Google

648

00:28:34,410 --> 00:28:32,950

but I don't know and he wants to know is

649

00:28:39,170 --> 00:28:34,420

there anything the skeptics can learn

650

00:28:41,660 --> 00:28:39,180

from believers in the paranormal yes I

651

00:28:46,110 --> 00:28:41,670

think that's why we went to

652

00:28:50,640 --> 00:28:46,120

mind/body/spirit last week like it gives

653

00:28:53,610 --> 00:28:50,650

us an opportunity to sharpen our

654

00:28:57,210 --> 00:28:53,620

skeptical tools so we have to look at

655

00:29:01,620 --> 00:28:57,220

what they're claiming look at why they

656

00:29:02,760 --> 00:29:01,630

believe these things and try to try to

657

00:29:05,460 --> 00:29:02,770

look at it critically

658

00:29:07,770 --> 00:29:05,470

I'm not saying completely debunked the

659

00:29:09,990 --> 00:29:07,780

whole lot because obviously sometimes

660

00:29:11,790 --> 00:29:10,000

things turned out to be true but we're

661

00:29:13,380 --> 00:29:11,800

talking about paranormal things most

662

00:29:14,700 --> 00:29:13,390

mostly we're talking about things that

663

00:29:18,000 --> 00:29:14,710

turn out to be something else

664

00:29:19,640 --> 00:29:18,010

explainable by science ancient aliens

665

00:29:21,710 --> 00:29:19,650

found at all

666

00:29:26,180 --> 00:29:21,720

no I don't I don't know what it is made

667

00:29:28,340 --> 00:29:26,190

out I know you discussed it before in

668

00:29:31,820 --> 00:29:28,350

search of those old shows would let

669

00:29:34,550 --> 00:29:31,830

anymore either years ago in the UK I

670

00:29:36,710 --> 00:29:34,560

used to watch the x-files I used to read

671

00:29:39,650 --> 00:29:36,720

things like skeptical inquirer although

672

00:29:42,320 --> 00:29:39,660

not getting far there was another one

673

00:29:44,540 --> 00:29:42,330

for Wu it was like a Wu based 140

674

00:29:46,100 --> 00:29:44,550

million times yes

675

00:29:47,690 --> 00:29:46,110

so I'd read all those sort of magazines

676

00:29:50,180 --> 00:29:47,700

and look into all of that stuff very

677

00:29:51,950 --> 00:29:50,190

clearly not from a scientific angle just

678

00:29:52,970 --> 00:29:51,960

because I loved it the whole idea of all

679

00:29:56,030 --> 00:29:52,980

that sort of stuff was great

680

00:30:00,410 --> 00:29:56,040

so I was a full believer but I mean

681

00:30:01,700 --> 00:30:00,420

David Duchovny he's hot I just love the

682

00:30:03,050 --> 00:30:01,710

way that he's acting career took off

683

00:30:04,970 --> 00:30:03,060

just as he was finishing I think he's

684

00:30:07,180 --> 00:30:04,980

English degree or something and he had

685

00:30:09,350 --> 00:30:07,190

to do his spoken word English

686

00:30:11,750 --> 00:30:09,360

dissertation and he just went off and

687

00:30:14,810 --> 00:30:11,760

they were asking him about the I think

688

00:30:16,850 --> 00:30:14,820

the novel or the play stormy petrel pet

689

00:30:19,850 --> 00:30:16,860

and he was saying all petrol is English

690

00:30:21,920 --> 00:30:19,860

for gasoline and stuff and he really

691

00:30:27,290 --> 00:30:21,930

stuffed that up so yes that's that's

692

00:30:28,970 --> 00:30:27,300

yeah that that is true yeah okay yeah

693

00:30:30,620 --> 00:30:28,980

well and all did you hear what his gig

694

00:30:35,450 --> 00:30:30,630

was like did he do a good show on Sydney

695

00:30:38,030 --> 00:30:35,460

I was there oh how was he it was

696

00:30:39,590 --> 00:30:38,040

interesting it were both very emotional

697

00:30:42,260 --> 00:30:39,600

about the whole thing we both got our

698

00:30:46,160 --> 00:30:42,270

pillowcases signed that was all

699

00:30:47,630 --> 00:30:46,170

available to buy yeah it was good thing

700

00:30:51,710 --> 00:30:47,640

so he had his own pillowcase what he's

701
00:30:55,760 --> 00:30:51,720
fertilized Morrissey does that - that's

702
00:30:57,530 --> 00:30:55,770
cool yeah what do you think of dr. Brad

703
00:30:59,210 --> 00:30:57,540
tonight and do you think skeptics

704
00:31:00,680 --> 00:30:59,220
generally could learn something from the

705
00:31:02,110 --> 00:31:00,690
paranormal community or is there

706
00:31:05,740 --> 00:31:02,120
something we can pick up from them I

707
00:31:07,790 --> 00:31:05,750
thought the doctor was quite informative

708
00:31:09,700 --> 00:31:07,800
even though I'm not from around here it

709
00:31:11,830 --> 00:31:09,710
was an interesting conversation

710
00:31:13,529 --> 00:31:11,840
from away from again from the states

711
00:31:17,169 --> 00:31:13,539
from Cincinnati Ohio

712
00:31:18,370 --> 00:31:17,179
okay yes I'm just try think where that

713
00:31:18,810 --> 00:31:18,380

is is that in the middle of the whole

714

00:31:21,340 --> 00:31:18,820

thing

715

00:31:23,740 --> 00:31:21,350

pretty much only used to inside but yeah

716

00:31:25,810 --> 00:31:23,750

it's considered the Midwest it's not a

717

00:31:28,600 --> 00:31:25,820

flyover state is it huh it's not a

718

00:31:30,820 --> 00:31:28,610

flyover State is it not quite but it's

719

00:31:37,000 --> 00:31:30,830

getting there okay so Cincinnati okay

720

00:31:39,970 --> 00:31:37,010

CIN Paul WKRP that's pretty much all my

721

00:31:41,740 --> 00:31:39,980

knowledge I'm sorry oh that's right so

722

00:31:47,380 --> 00:31:41,750

what is great about the place you live

723

00:31:49,029 --> 00:31:47,390

in and what goes on there well is it

724

00:31:51,070 --> 00:31:49,039

much skeptical stuff because it's not

725

00:31:53,980 --> 00:31:51,080

actually down south so is it very

726

00:31:56,169 --> 00:31:53,990

religious or not it is fairly religious

727

00:31:58,539 --> 00:31:56,179

but there's actually is a fairly strong

728

00:32:00,490 --> 00:31:58,549

skeptical community there there's a

729

00:32:02,680 --> 00:32:00,500

group called the tri-state right a

730

00:32:03,970 --> 00:32:02,690

skeptics and they have a few sister

731

00:32:05,289 --> 00:32:03,980

groups that are actually organized by

732

00:32:07,620 --> 00:32:05,299

the same people called the tri-state

733

00:32:10,570 --> 00:32:07,630

atheists and the tri-state freethinkers

734

00:32:11,740 --> 00:32:10,580

have slightly different focuses but

735

00:32:14,500 --> 00:32:11,750

they're all under one big umbrella

736

00:32:15,730 --> 00:32:14,510

organizations and they actually do a lot

737

00:32:17,710 --> 00:32:15,740

of great work there they have been

738

00:32:19,360 --> 00:32:17,720

organizing the marshes for science the

739

00:32:21,880 --> 00:32:19,370

women's marshes and because we have to

740

00:32:23,740 --> 00:32:21,890

ask you how's it feel having Trump as

741

00:32:26,080 --> 00:32:23,750

your president not good

742

00:32:27,279 --> 00:32:26,090

I'm glad to be in Australia so what do

743

00:32:28,600 --> 00:32:27,289

you make of us skeptics here in

744

00:32:30,070 --> 00:32:28,610

Australia like a lot of people horders

745

00:32:32,409 --> 00:32:30,080

have us being like you know the rock

746

00:32:33,549 --> 00:32:32,419

stars The Skeptical movement but yeah I

747

00:32:35,230 --> 00:32:33,559

mean just look at Richard Saunders you

748

00:32:37,450 --> 00:32:35,240

say that's not true but what do you

749

00:32:39,789 --> 00:32:37,460

think of us well judging by your

750

00:32:41,560 --> 00:32:39,799

successes with you know stepping out the

751
00:32:45,639 --> 00:32:41,570
anti-tax movement I would say you guys

752
00:32:47,110 --> 00:32:45,649
are doing really well yeah we're trying

753
00:32:48,460 --> 00:32:47,120
pretty hard then I might just have a

754
00:32:49,960 --> 00:32:48,470
chat - is there any question do you

755
00:32:52,840 --> 00:32:49,970
think I should ask dr. Brad after what

756
00:32:54,370 --> 00:32:52,850
you saw him chat about no questions for

757
00:32:55,990 --> 00:32:54,380
me at the moment since I am new to the

758
00:32:57,789 --> 00:32:56,000
country so you know just sitting back

759
00:33:00,279 --> 00:32:57,799
and learning so you staying here on what

760
00:33:02,139 --> 00:33:00,289
I'm here in the working holiday so I'm

761
00:33:02,910 --> 00:33:02,149
here to learn and explore and see the

762
00:33:05,530 --> 00:33:02,920
place

763
00:33:07,850 --> 00:33:05,540

[Music]

764

00:33:10,490 --> 00:33:07,860

dr. Brady hi dr. Brett how are you we're

765

00:33:12,530 --> 00:33:10,500

talking about the whole Australian

766

00:33:14,630 --> 00:33:12,540

government scheme that will make me

767

00:33:17,030 --> 00:33:14,640

going around to doctor shopping and not

768

00:33:19,400 --> 00:33:17,040

possible anymore let's boo I know how

769

00:33:20,360 --> 00:33:19,410

terrible for you it's gonna make my job

770

00:33:23,300 --> 00:33:20,370

a lot easier

771

00:33:24,650 --> 00:33:23,310

I always know you're shifty eyes can you

772

00:33:26,210 --> 00:33:24,660

tell people that a doctor shopping when

773

00:33:28,430 --> 00:33:26,220

they come in they go oh got a bit of a

774

00:33:30,530 --> 00:33:28,440

back pain here and you know well the

775

00:33:34,390 --> 00:33:30,540

typical presentation is somebody who

776
00:33:37,670 --> 00:33:34,400
comes in limping and then they produce a

777
00:33:39,830 --> 00:33:37,680
like a CT scan or an MRI report of their

778
00:33:42,250 --> 00:33:39,840
lower back although it looks as though

779
00:33:45,110 --> 00:33:42,260
it's in different fonts and it's been

780
00:33:47,870 --> 00:33:45,120
faxed a number of times until it's

781
00:33:50,000 --> 00:33:47,880
barely readable and it's usually folded

782
00:33:52,760 --> 00:33:50,010
up and quite tattered because they've

783
00:33:55,070 --> 00:33:52,770
gone into every single GP every GP is

784
00:33:57,230 --> 00:33:55,080
opened it up put their grubby fingers on

785
00:33:59,630 --> 00:33:57,240
it and so the papers deteriorated over

786
00:34:02,630 --> 00:33:59,640
time so if somebody is actually handing

787
00:34:04,970 --> 00:34:02,640
that across yeah the suspicion is very

788
00:34:07,370 --> 00:34:04,980

high in those circumstances and when you

789

00:34:09,350 --> 00:34:07,380

say no I'm not going to be giving you

790

00:34:11,450 --> 00:34:09,360

any opioids today it's your first time

791

00:34:13,220 --> 00:34:11,460

to the clinic this this clinic will not

792

00:34:16,639 --> 00:34:13,230

do that then usually their limp

793

00:34:18,350 --> 00:34:16,649

disappears it's interesting because I go

794

00:34:19,730 --> 00:34:18,360

to the same doctor and I he's got the

795

00:34:21,409 --> 00:34:19,740

whole record there and the whole thing

796

00:34:24,440 --> 00:34:21,419

and it's interesting some doctors are

797

00:34:26,960 --> 00:34:24,450

very sticklers for regulations like some

798

00:34:29,240 --> 00:34:26,970

doctors will give temazepam to me but

799

00:34:31,639 --> 00:34:29,250

they won't give valium even though

800

00:34:33,560 --> 00:34:31,649

they're in the same category and that

801
00:34:36,889 --> 00:34:33,570
would be because it's a stronger drug or

802
00:34:38,870 --> 00:34:36,899
why would that be so valium is a little

803
00:34:41,870 --> 00:34:38,880
bit longer acting people can still

804
00:34:43,940 --> 00:34:41,880
function during the day with it mostly

805
00:34:45,560 --> 00:34:43,950
there's this for sleeping I'm not I'm

806
00:34:48,590 --> 00:34:45,570
not wandering around well some people

807
00:34:49,790 --> 00:34:48,600
have five six ten tablets or 50 tablets

808
00:34:51,500 --> 00:34:49,800
a day if they're really wanting to

809
00:34:53,450 --> 00:34:51,510
because they've built up tolerant levels

810
00:34:55,580 --> 00:34:53,460
to it so temazepam usually knocks you

811
00:34:56,940 --> 00:34:55,590
out you get asleep it comes in a packet

812
00:34:59,270 --> 00:34:56,950
of 25

813
00:35:02,430 --> 00:34:59,280

whereas diazepam comes in a packet of 50

814

00:35:04,770 --> 00:35:02,440

so usually I'm barely stingy and if

815

00:35:07,400 --> 00:35:04,780

somebody wants it I'll maybe write them

816

00:35:09,839 --> 00:35:07,410

two tablets I mean they won't come back

817

00:35:11,730 --> 00:35:09,849

can't you just get like a one-off 20

818

00:35:14,190 --> 00:35:11,740

thing for them and that's it yeah you

819

00:35:16,319 --> 00:35:14,200

can any doctor can specify certain

820

00:35:18,660 --> 00:35:16,329

amounts one of the issues that I find is

821

00:35:20,730 --> 00:35:18,670

that I'll sometimes specify a very small

822

00:35:22,680 --> 00:35:20,740

amount a limited amount and then the

823

00:35:24,930 --> 00:35:22,690

pharmacists will just give them a whole

824

00:35:26,940 --> 00:35:24,940

bottle or a whole packet of 50 and not

825

00:35:28,470 --> 00:35:26,950

actually read what I've written so I get

826

00:35:30,060 --> 00:35:28,480

very suspicious of some of the

827

00:35:31,740 --> 00:35:30,070

pharmacists around and look fair

828

00:35:33,359 --> 00:35:31,750

listeners out there what seems to be the

829

00:35:34,740 --> 00:35:33,369

naughtiness that's going on with the

830

00:35:36,390 --> 00:35:34,750

doctors and pharmacies at the moment is

831

00:35:37,800 --> 00:35:36,400

it mainly the opioids that's what people

832

00:35:40,319 --> 00:35:37,810

are worried about is that seems to be

833

00:35:42,810 --> 00:35:40,329

what is abusing at the moment I suppose

834

00:35:47,430 --> 00:35:42,820

opioids are getting harder and harder to

835

00:35:48,839 --> 00:35:47,440

get so with live feeds coming through in

836

00:35:50,339 --> 00:35:48,849

different states around Australia it's

837

00:35:52,140 --> 00:35:50,349

very slow at the moment but we're

838

00:35:53,930 --> 00:35:52,150

getting there and it will make it more

839

00:35:56,670 --> 00:35:53,940

difficult also if you're a long-term

840

00:35:59,190 --> 00:35:56,680

opioids then you really should have one

841

00:36:01,500 --> 00:35:59,200

provider one prescriber of that and you

842

00:36:04,589 --> 00:36:01,510

need to register in different states and

843

00:36:06,900 --> 00:36:04,599

that one practitioner to write you the

844

00:36:08,790 --> 00:36:06,910

medication if anybody else does it it's

845

00:36:10,680 --> 00:36:08,800

essentially illegal unless it's an

846

00:36:12,210 --> 00:36:10,690

emergency situations I've never really

847

00:36:15,240 --> 00:36:12,220

fallen over hard enough to actually have

848

00:36:16,859 --> 00:36:15,250

had any I really don't know what's going

849

00:36:18,470 --> 00:36:16,869

on there but I was just actually

850

00:36:20,880 --> 00:36:18,480

wondering because some we talk about

851
00:36:22,380 --> 00:36:20,890
Nembutal let's say barbiturate and I've

852
00:36:23,849 --> 00:36:22,390
been watching Valley of the dolls great

853
00:36:25,770 --> 00:36:23,859
movie if you wanna learn about your

854
00:36:28,319 --> 00:36:25,780
barbiturates there it's all in that

855
00:36:29,609 --> 00:36:28,329
movie and when did that 60 stuff get the

856
00:36:31,109 --> 00:36:29,619
boot because it's actually quite

857
00:36:33,150 --> 00:36:31,119
dangerous isn't it because you between

858
00:36:34,710 --> 00:36:33,160
being asleep and being dead it's only a

859
00:36:36,300 --> 00:36:34,720
matter of like a couple of tablets but

860
00:36:38,730 --> 00:36:36,310
what I do like about Valley of the dolls

861
00:36:40,620 --> 00:36:38,740
Nicias watch this as a doctor all those

862
00:36:42,420 --> 00:36:40,630
girls can swallow a handful of pills

863
00:36:45,180 --> 00:36:42,430

with no water and even you as a

864

00:36:47,430 --> 00:36:45,190

professional can't do that different

865

00:36:50,250 --> 00:36:47,440

people have different skills yeah yeah

866

00:36:52,290 --> 00:36:50,260

yeah so so are there any Babbage was

867

00:36:54,510 --> 00:36:52,300

used at all anymore are they like no

868

00:36:56,700 --> 00:36:54,520

sometimes we'll use them I think it

869

00:36:59,819 --> 00:36:56,710

mainly seen it being used for some

870

00:37:00,859 --> 00:36:59,829

people with epilepsy because it can stop

871

00:37:02,569 --> 00:37:00,869

your from having seizures

872

00:37:04,460 --> 00:37:02,579

but again yeah as you saying there's a

873

00:37:06,230 --> 00:37:04,470

narrow therapeutic range it can interact

874

00:37:07,910 --> 00:37:06,240

with other medications it can cause

875

00:37:10,489 --> 00:37:07,920

quite significant sedation and

876

00:37:12,410 --> 00:37:10,499

drowsiness so yeah we tend not to use

877

00:37:14,720 --> 00:37:12,420

that it's not they're not very clean

878

00:37:16,220 --> 00:37:14,730

drugs and also there seems to be some

879

00:37:18,200 --> 00:37:16,230

sort of a new drug they're thinking of

880

00:37:20,779 --> 00:37:18,210

using as getting people off eyes it's

881

00:37:22,999 --> 00:37:20,789

like a slow release and fit Amin tablet

882

00:37:24,759 --> 00:37:23,009

capsule links to amphetamine or

883

00:37:27,019 --> 00:37:24,769

something I believe it's called

884

00:37:29,779 --> 00:37:27,029

trying to create all sorts of different

885

00:37:30,890 --> 00:37:29,789

things so if we mean I don't think that

886

00:37:32,299 --> 00:37:30,900

to me that doesn't sound like a great

887

00:37:33,499 --> 00:37:32,309

idea to get people advice because you're

888

00:37:35,480 --> 00:37:33,509

just moving them to another member of

889

00:37:37,880 --> 00:37:35,490

the amphetamine family so sometimes

890

00:37:40,190 --> 00:37:37,890

there are partial agonists which are

891

00:37:42,470 --> 00:37:40,200

also partial antagonists so they can

892

00:37:45,710 --> 00:37:42,480

activate your receptors a little bit and

893

00:37:48,470 --> 00:37:45,720

also block it from further medication so

894

00:37:50,630 --> 00:37:48,480

you can get a little bit of a high on a

895

00:37:52,519 --> 00:37:50,640

long-acting dose but then if you are

896

00:37:54,680 --> 00:37:52,529

topping yourself up with extra

897

00:37:56,989 --> 00:37:54,690

additional drugs then it won't act on

898

00:37:58,819 --> 00:37:56,999

those receptors so that's often what we

899

00:38:00,980 --> 00:37:58,829

what we try to use with implants or

900

00:38:03,140 --> 00:38:00,990

different longer-acting drugs so it's

901
00:38:06,829 --> 00:38:03,150
that partial activation partial blockage

902
00:38:08,450 --> 00:38:06,839
so people don't get a buzz and as a GP

903
00:38:10,700 --> 00:38:08,460
on a daily basis what's the biggest

904
00:38:13,789 --> 00:38:10,710
challenge you face in your career when

905
00:38:15,470 --> 00:38:13,799
people come in you go oh boy that's a

906
00:38:16,819 --> 00:38:15,480
tough question something that's one

907
00:38:18,769 --> 00:38:16,829
thing about GPS which we should all know

908
00:38:21,769 --> 00:38:18,779
is you get an incredible range of people

909
00:38:23,660 --> 00:38:21,779
coming in every 15 minutes yeah I think

910
00:38:26,749 --> 00:38:23,670
for me working in a sexual health clinic

911
00:38:28,640 --> 00:38:26,759
make contact tracing is an issue so

912
00:38:31,430 --> 00:38:28,650
often if somebody has chlamydia or

913
00:38:33,200 --> 00:38:31,440

gonorrhoea and I'm there going well you

914

00:38:34,970 --> 00:38:33,210

need to talk to your partners from the

915

00:38:36,529 --> 00:38:34,980

past three months about what's what's

916

00:38:37,910 --> 00:38:36,539

been happening and get in contact with

917

00:38:40,489 --> 00:38:37,920

them often people don't have their phone

918

00:38:44,250 --> 00:38:40,499

numbers or their names and so that is a

919

00:38:47,770 --> 00:38:44,260

major problem don't remember the face

920

00:38:48,819 --> 00:38:47,780

tshirt yeah and because I think it's

921

00:38:51,190 --> 00:38:48,829

great that your partner actually

922

00:38:53,470 --> 00:38:51,200

complimented you and told you to get a

923

00:38:56,079 --> 00:38:53,480

better dress sense on television I think

924

00:38:56,650 --> 00:38:56,089

it's good because frankly you can't be

925

00:39:02,230 --> 00:38:56,660

trusted

926
00:39:05,290 --> 00:39:02,240
he just told me that I've worn worse now

927
00:39:07,480 --> 00:39:05,300
in a relationship same-sex or not is

928
00:39:10,690 --> 00:39:07,490
that an insult or not I'm still

929
00:39:13,000 --> 00:39:10,700
befuddled so we're I'll chat to him when

930
00:39:14,890 --> 00:39:13,010
I get home and when you go on television

931
00:39:16,329 --> 00:39:14,900
obviously you get emails and stuff in

932
00:39:17,859 --> 00:39:16,339
that from what you've said and what are

933
00:39:19,030 --> 00:39:17,869
you expected to have in your inbox

934
00:39:22,290 --> 00:39:19,040
tomorrow from what you said this morning

935
00:39:25,059 --> 00:39:22,300
oh well this morning I was talking about

936
00:39:27,520 --> 00:39:25,069
sleeping being an issue and how to get

937
00:39:31,180 --> 00:39:27,530
better sleep at nighttime so there's all

938
00:39:33,490 --> 00:39:31,190

sorts of myths about sleep I think a lot

939

00:39:36,250 --> 00:39:33,500

of the advice that doctors give is don't

940

00:39:38,319 --> 00:39:36,260

have coffee after about midday don't

941

00:39:40,510 --> 00:39:38,329

have alcohol because you might not off

942

00:39:42,549 --> 00:39:40,520

to sleep but then you'll have a terrible

943

00:39:46,839 --> 00:39:42,559

sleep you won't get into stage three or

944

00:39:49,480 --> 00:39:46,849

four deep grade sleep but the one of the

945

00:39:52,720 --> 00:39:49,490

myths regards dairy products so whether

946

00:39:56,799 --> 00:39:52,730

you're having milk warm milk seems to be

947

00:39:58,030 --> 00:39:56,809

everybody's go-to but from some of the

948

00:40:00,520 --> 00:39:58,040

studies they don't really find that it's

949

00:40:02,620 --> 00:40:00,530

very helpful having warm milk it's been

950

00:40:05,109 --> 00:40:02,630

rumored to have tryptophan z' in it

951
00:40:07,299 --> 00:40:05,119
which can be a good sedative because

952
00:40:08,829 --> 00:40:07,309
it's metabolized into melatonin so where

953
00:40:10,809 --> 00:40:08,839
does spooning fit into the whole thing

954
00:40:13,539 --> 00:40:10,819
as getting to sleep spooning milk

955
00:40:15,970 --> 00:40:13,549
cooling no spooning with a partner or or

956
00:40:18,160 --> 00:40:15,980
pillow i spoon a pillow and you know

957
00:40:20,260 --> 00:40:18,170
well I think having warm milk and

958
00:40:23,109 --> 00:40:20,270
spooning fits into the Pavlovian

959
00:40:25,420 --> 00:40:23,119
response element so if you're used to

960
00:40:27,970 --> 00:40:25,430
spooning and if that's putting you into

961
00:40:30,579 --> 00:40:27,980
a very comfortable phase if you're

962
00:40:32,470 --> 00:40:30,589
having a small warm glass of milk

963
00:40:33,760 --> 00:40:32,480

because if you having large milk shake

964

00:40:35,200 --> 00:40:33,770

before you go to bed then you'll be

965

00:40:38,020 --> 00:40:35,210

getting up every five minutes to go and

966

00:40:40,480 --> 00:40:38,030

pee it's fitting you into that Pavlovian

967

00:40:42,880 --> 00:40:40,490

response where you will feel warm and

968

00:40:45,490 --> 00:40:42,890

cozy and then not off to a good night

969

00:40:47,799 --> 00:40:45,500

one morning on me already one last year

970

00:40:49,750 --> 00:40:47,809

yet one last serious thing today on the

971

00:40:52,120 --> 00:40:49,760

conversation on the ABC they said that

972

00:40:54,760 --> 00:40:52,130

the flu vaccine is only 1% effective and

973

00:40:55,569 --> 00:40:54,770

really there's no point and I'm thinking

974

00:40:57,819 --> 00:40:55,579

that

975

00:40:59,620 --> 00:40:57,829

dr. bread thing he's been sucking me and

976
00:41:02,829 --> 00:40:59,630
what's going on here 1% effective that's

977
00:41:06,819 --> 00:41:02,839
crap yeah then they basically looked at

978
00:41:09,039 --> 00:41:06,829
a review that was in the Cochrane review

979
00:41:11,079 --> 00:41:09,049
which is quite well so it was quite

980
00:41:13,749 --> 00:41:11,089
fascinating reading about it they said

981
00:41:15,279 --> 00:41:13,759
that if there's stability in a Cochrane

982
00:41:17,079 --> 00:41:15,289
review it means that there's no further

983
00:41:18,969 --> 00:41:17,089
information that's likely to come to

984
00:41:21,430 --> 00:41:18,979
hand so we can make a generalised

985
00:41:26,370 --> 00:41:21,440
conclusion now so the conclusion was

986
00:41:29,319 --> 00:41:26,380
based on data from 2016 and earlier and

987
00:41:32,079 --> 00:41:29,329
it actually says in the Cochrane review

988
00:41:33,489 --> 00:41:32,089

that this is an unusual Cochrane review

989

00:41:35,109 --> 00:41:33,499

that we're still waiting for further

990

00:41:36,339 --> 00:41:35,119

information to come through and when

991

00:41:38,319 --> 00:41:36,349

that information comes through that we

992

00:41:40,660 --> 00:41:38,329

may alter things we don't believe that

993

00:41:42,819 --> 00:41:40,670

this is going to be a stable review for

994

00:41:45,039 --> 00:41:42,829

the next 30 years we're expecting more

995

00:41:47,499 --> 00:41:45,049

information to come to light so please

996

00:41:49,930 --> 00:41:47,509

read our Cochrane review with that in

997

00:41:52,359 --> 00:41:49,940

mind so that was saying that for young

998

00:41:54,459 --> 00:41:52,369

like healthy adults that if you're

999

00:41:56,109 --> 00:41:54,469

having a hundred people vaccinated they

1000

00:41:58,569 --> 00:41:56,119

don't maybe only one of them will be

1001
00:42:00,160 --> 00:41:58,579
predicted from getting the flu they're

1002
00:42:02,739 --> 00:42:00,170
saying that out of a hundred people you

1003
00:42:04,660 --> 00:42:02,749
might get 2% getting the flu so if

1004
00:42:07,180 --> 00:42:04,670
you're stopping one of those people 1%

1005
00:42:08,259 --> 00:42:07,190
from getting the flu then thank those

1006
00:42:09,579 --> 00:42:08,269
are some of the numbers that they're

1007
00:42:12,549 --> 00:42:09,589
talking about but then they're saying

1008
00:42:15,729 --> 00:42:12,559
that for young kids it may actually be

1009
00:42:17,890 --> 00:42:15,739
one in five that so that will be

1010
00:42:20,829 --> 00:42:17,900
protected from getting influenza so

1011
00:42:22,870 --> 00:42:20,839
that's much higher numbers but it

1012
00:42:26,259 --> 00:42:22,880
doesn't take into account people that

1013
00:42:29,049 --> 00:42:26,269

that may not have the best health people

1014

00:42:31,239 --> 00:42:29,059

with specific conditions and there's not

1015

00:42:33,339 --> 00:42:31,249

much data on pregnant women as well that

1016

00:42:35,170 --> 00:42:33,349

are a major risk group I people diabetes

1017

00:42:36,819 --> 00:42:35,180

people that are overweight so it sort of

1018

00:42:38,859 --> 00:42:36,829

depends like if you're looking at young

1019

00:42:40,359 --> 00:42:38,869

healthy people and yeah like you may not

1020

00:42:42,759 --> 00:42:40,369

get that much benefit from it

1021

00:42:45,160 --> 00:42:42,769

my dad's 89 he's incredibly upset about

1022

00:42:46,950 --> 00:42:45,170

his bilirubin level we'll bilirubin

1023

00:42:49,140 --> 00:42:46,960

level kill you

1024

00:42:51,360 --> 00:42:49,150

well it depends on why your bilirubin

1025

00:42:53,550 --> 00:42:51,370

level is going up if you have Gil Bears

1026

00:42:56,310 --> 00:42:53,560

syndrome which a lot of people do

1027

00:42:57,990 --> 00:42:56,320

including myself then you may have an

1028

00:43:00,210 --> 00:42:58,000

isolated believe ribbon level that's

1029

00:43:03,600 --> 00:43:00,220

high means that if you have alcohol or

1030

00:43:05,400 --> 00:43:03,610

if you're having paracetamol that your

1031

00:43:08,250 --> 00:43:05,410

eyes will start to go a little bit of a

1032

00:43:10,140 --> 00:43:08,260

shade of yellow because that's just how

1033

00:43:12,870 --> 00:43:10,150

it your liver is a little bit slack at

1034

00:43:15,090 --> 00:43:12,880

Mets have a lousy bilirubin but um if

1035

00:43:16,350 --> 00:43:15,100

all of your liver enzymes are up then

1036

00:43:18,270 --> 00:43:16,360

that's not going to get big kill bears

1037

00:43:21,560 --> 00:43:18,280

and then you could have hepatitis or

1038

00:43:22,680 --> 00:43:21,570

alcoholic hepatitis or non-alcoholic

1039

00:43:26,130 --> 00:43:22,690

liver

1040

00:43:27,690 --> 00:43:26,140

weird and wonderful things that can

1041

00:43:30,750 --> 00:43:27,700

cause problems with liver so we've got

1042

00:43:32,730 --> 00:43:30,760

hepatitis D yet or not yeah episode is

1043

00:43:36,090 --> 00:43:32,740

around it's mainly in prasada way up to

1044

00:43:38,700 --> 00:43:36,100

FG but usually hepatitis B comes with

1045

00:43:41,880 --> 00:43:38,710

appetite as does hepatitis D comes with

1046

00:43:43,710 --> 00:43:41,890

hepatitis B they usually associated this

1047

00:43:47,160 --> 00:43:43,720

hepatitis B as well I think F was a

1048

00:43:50,150 --> 00:43:47,170

furphy but yeah they're very rare but

1049

00:43:53,370 --> 00:43:50,160

they do happen okay well I did have my

1050

00:43:54,210 --> 00:43:53,380

vaccinations for shingles they're very

1051
00:43:56,190 --> 00:43:54,220
good very good

1052
00:43:58,440 --> 00:43:56,200
there is another exciting vaccine that's

1053
00:44:00,390 --> 00:43:58,450
a little bit more effective the vaccine

1054
00:44:02,130 --> 00:44:00,400
that we're using at the moment may be

1055
00:44:03,630 --> 00:44:02,140
between sort of like thirty to forty

1056
00:44:07,470 --> 00:44:03,640
percent effective depending on what your

1057
00:44:08,700 --> 00:44:07,480
ages and yeah there's a new vaccine

1058
00:44:11,790 --> 00:44:08,710
coming out later on this year that's

1059
00:44:13,230 --> 00:44:11,800
been used on trial on Americans always

1060
00:44:15,270 --> 00:44:13,240
love it when they trial drugs on

1061
00:44:18,180 --> 00:44:15,280
Americans first so that's going to be

1062
00:44:19,320 --> 00:44:18,190
about 95% effective out later this year

1063
00:44:21,150 --> 00:44:19,330

so I don't know if we're beyond the

1064

00:44:23,370 --> 00:44:21,160

government schedule we're still looking

1065

00:44:25,740 --> 00:44:23,380

and advocating for that dr. bad one last

1066

00:44:29,040 --> 00:44:25,750

question the conversation article in the

1067

00:44:30,510 --> 00:44:29,050

ABC today was talking about the Spanish

1068

00:44:33,030 --> 00:44:30,520

flu and they said that most people died

1069

00:44:34,740 --> 00:44:33,040

of secondary infections because there

1070

00:44:37,800 --> 00:44:34,750

wasn't really good antibiotics around in

1071

00:44:39,240 --> 00:44:37,810

the 1918 so you don't have anything to

1072

00:44:41,490 --> 00:44:39,250

worry about from the Spanish flu do you

1073

00:44:44,640 --> 00:44:41,500

think that's something for complacency

1074

00:44:46,890 --> 00:44:44,650

or not it depends we've got vaccinations

1075

00:44:49,230 --> 00:44:46,900

now we've got antibiotics but a lot of

1076

00:44:51,030 --> 00:44:49,240

people who get influenza they may have

1077

00:44:52,980 --> 00:44:51,040

an inflamed lung they may not be able to

1078

00:44:54,540 --> 00:44:52,990

breathe properly they can get pooling of

1079

00:44:56,340 --> 00:44:54,550

secretions and they can get bacteria

1080

00:44:56,930 --> 00:44:56,350

there then they can get a bacterial

1081

00:44:58,940 --> 00:44:56,940

pneumonia

1082

00:45:00,470 --> 00:44:58,950

that's probably the most likely thing

1083

00:45:02,900 --> 00:45:00,480

that they were sort of making an

1084

00:45:05,390 --> 00:45:02,910

association with a lot of people these

1085

00:45:07,010 --> 00:45:05,400

days like kids are vaccinated against

1086

00:45:10,640 --> 00:45:07,020

streptococcus we have a pneumococcal

1087

00:45:12,500 --> 00:45:10,650

vaccine people over the age of 50 if

1088

00:45:15,560 --> 00:45:12,510

you're Aboriginal or if you're over the

1089

00:45:18,650 --> 00:45:15,570

age of 65 if you're not original there's

1090

00:45:21,380 --> 00:45:18,660

a vaccination for pneumococcus but but

1091

00:45:23,570 --> 00:45:21,390

that's not 100% effective no vaccines

1092

00:45:28,070 --> 00:45:23,580

100% effective and for God's sake put a

1093

00:45:30,710 --> 00:45:28,080

decent jacket on man how would you rate

1094

00:45:32,480 --> 00:45:30,720

dr. Brad tonight Oh 11 out of 10 every

1095

00:45:33,800 --> 00:45:32,490

time I'm so disappointed

1096

00:45:36,290 --> 00:45:33,810

like the whole doctor shopping things

1097

00:45:38,690 --> 00:45:36,300

over well I just think you're gonna have

1098

00:45:41,270 --> 00:45:38,700

to wear a variety of disguises that's

1099

00:45:44,030 --> 00:45:41,280

true the mustache yeah exactly mustache

1100

00:45:45,620 --> 00:45:44,040

wigs you've got a message for people out

1101
00:45:47,530 --> 00:45:45,630
there to do something with their phones

1102
00:45:50,840 --> 00:45:47,540
so if they're dying we know who they are

1103
00:45:53,120 --> 00:45:50,850
yeah so it's been a few occasions now

1104
00:45:55,190 --> 00:45:53,130
where I've seen patients coming in to

1105
00:45:57,260 --> 00:45:55,200
Eddie who are basically at the third of

1106
00:45:58,040 --> 00:45:57,270
death and it's impossible to know who

1107
00:45:59,540 --> 00:45:58,050
they are if they haven't got

1108
00:46:03,290 --> 00:45:59,550
identification but they've almost always

1109
00:46:04,790 --> 00:46:03,300
got a smartphone but you get that kind

1110
00:46:06,050 --> 00:46:04,800
of scenario where doctors are going

1111
00:46:08,630 --> 00:46:06,060
through their smartphone they can't

1112
00:46:10,880 --> 00:46:08,640
unlock it but they can use Siri and

1113
00:46:11,900 --> 00:46:10,890

they're going on Siri call mum call dad

1114

00:46:13,670 --> 00:46:11,910

and nothing's working

1115

00:46:15,290 --> 00:46:13,680

whereas on most smart phones nowadays

1116

00:46:16,760 --> 00:46:15,300

you have a feature where you can swipe

1117

00:46:18,230 --> 00:46:16,770

across even without unlocking it and

1118

00:46:19,880 --> 00:46:18,240

they'll tell you you can have your blood

1119

00:46:21,560 --> 00:46:19,890

type in there you can have any allergies

1120

00:46:23,810 --> 00:46:21,570

any medications and you can also have an

1121

00:46:24,950 --> 00:46:23,820

emergency contact to call otherwise what

1122

00:46:26,570 --> 00:46:24,960

happens is you don't find out what's

1123

00:46:28,760 --> 00:46:26,580

happened until after they've maybe

1124

00:46:30,020 --> 00:46:28,770

passed away well I've got mine set up

1125

00:46:37,640 --> 00:46:30,030

like that what do you think I'm allergic

1126
00:46:39,770 --> 00:46:37,650
to I'm gonna go with but bad music oh no

1127
00:46:43,730 --> 00:46:39,780
I love the Electric Light Orchestra love

1128
00:46:45,290 --> 00:46:43,740
it there's a drug I'm allergic to it's

1129
00:46:53,260 --> 00:46:45,300
fairly common penicillin

1130
00:46:57,200 --> 00:46:53,270
yes yes smell it Spandau or Duran Duran

1131
00:47:00,020 --> 00:46:57,210
look neither although I do have a

1132
00:47:02,330 --> 00:47:00,030
problem with the pig bag sometimes pig

1133
00:47:04,450 --> 00:47:02,340
bag b-sides not good but Richard doesn't

1134
00:47:06,250 --> 00:47:04,460
understand this I should shut up

1135
00:47:08,470 --> 00:47:06,260
and well so that's it for skeptics in

1136
00:47:10,930 --> 00:47:08,480
the pub all sorts of wild stuff going on

1137
00:47:13,870 --> 00:47:10,940
people drinking people running people

1138
00:47:15,490 --> 00:47:13,880

running around doctor bread putting his

1139

00:47:18,040 --> 00:47:15,500

jacket on and off and on and off

1140

00:47:20,410 --> 00:47:18,050

repeatedly but the next one is the 12th

1141

00:47:22,030 --> 00:47:20,420

of July for a special guests here

1142

00:47:30,810 --> 00:47:22,040

Thursday 12th of July

1143

00:47:30,820 --> 00:47:37,079

[Music]

1144

00:47:41,079 --> 00:47:39,430

hi this is Ben Radford and this is

1145

00:47:43,269 --> 00:47:41,089

Pascual Romero from the squaring the

1146

00:47:45,130 --> 00:47:43,279

strange podcast every week my co-host

1147

00:47:47,529 --> 00:47:45,140

and I cast a skeptical eye on a

1148

00:47:49,479 --> 00:47:47,539

different topic monsters ghosts demons

1149

00:47:51,579 --> 00:47:49,489

mysteries and even current events are

1150

00:47:53,620 --> 00:47:51,589

dissected and discussed with a fun

1151
00:47:55,390 --> 00:47:53,630
unscripted and skeptical take that

1152
00:47:57,849 --> 00:47:55,400
you're sure to enjoy - is squirting

1153
00:48:13,740 --> 00:47:57,859
strange calm iTunes or on your favorite

1154
00:48:18,460 --> 00:48:16,180
thank you for listening to the skeptic

1155
00:48:20,200 --> 00:48:18,470
zone and those people coming along to

1156
00:48:21,820 --> 00:48:20,210
skeptics in the pub tonight here in

1157
00:48:24,280 --> 00:48:21,830
Berkeley I look forward to seeing you

1158
00:48:27,670 --> 00:48:24,290
there and I look forward to seeing those

1159
00:48:30,520 --> 00:48:27,680
people coming along tomorrow to skeptic

1160
00:48:34,870 --> 00:48:30,530
Alcon all the links on the show notes

1161
00:48:38,080 --> 00:48:34,880
and I might even bend some spoons next

1162
00:48:42,580 --> 00:48:38,090
week in Bend a big THANK YOU to those

1163
00:48:45,040 --> 00:48:42,590

people still sending me in very kind

1164

00:48:47,260 --> 00:48:45,050

messages about reaching the 500th

1165

00:48:49,320 --> 00:48:47,270

episode of the skeptic zone and thank

1166

00:48:51,970 --> 00:48:49,330

you to those people who continue to

1167

00:48:54,880 --> 00:48:51,980

support the skeptic zone via PayPal

1168

00:48:57,160 --> 00:48:54,890

patreon at skeptic zone TV and thank you

1169

00:48:59,800 --> 00:48:57,170

to those people who recently have come

1170

00:49:03,220 --> 00:48:59,810

on board to support the show much

1171

00:49:05,560 --> 00:49:03,230

appreciated and your contributions no

1172

00:49:08,170 --> 00:49:05,570

matter how small mean the show keeps

1173

00:49:09,550 --> 00:49:08,180

going coming up on next week's show I

1174

00:49:12,930 --> 00:49:09,560

hope to bring you interviews from

1175

00:49:15,550 --> 00:49:12,940

skeptics in the pub here in the Bay Area

1176

00:49:18,820 --> 00:49:15,560

highlights and interviews from skeptic

1177

00:49:22,900 --> 00:49:18,830

al Khan coming up tomorrow as I speak

1178

00:49:26,500 --> 00:49:22,910

and maybe maybe the very first audio

1179

00:49:28,480 --> 00:49:26,510

recording of a Bigfoot if we're all very

1180

00:49:30,280 --> 00:49:28,490

lucky but for this week

1181

00:49:37,360 --> 00:49:30,290

this is Richard Saunders signing off

1182

00:49:39,160 --> 00:49:37,370

from the Bay Area San Francisco you've

1183

00:49:41,790 --> 00:49:39,170

been listening to the skeptic zone

1184

00:49:48,460 --> 00:49:41,800

podcast please visit our website at

1185

00:49:51,960 --> 00:49:48,470

wwlp.com tax and to access the bat

1186

00:49:54,640 --> 00:49:51,970

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1187

00:49:57,910 --> 00:49:54,650

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1188

00:50:00,190 --> 00:49:57,920

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1189

00:50:01,550 --> 00:50:00,200

facebook page or leave a review on

1190

00:50:03,770 --> 00:50:01,560

itunes

1191

00:50:07,160 --> 00:50:03,780

you can also support the sceptic zone

1192

00:50:09,880 --> 00:50:07,170

via patreon or PayPal the sceptic zone

1193

00:50:12,260 --> 00:50:09,890

podcast is an independent production

1194

00:50:14,390 --> 00:50:12,270

reviews and opinions expressed on the

1195

00:50:16,730 --> 00:50:14,400

sceptic zone are not necessarily those

1196

00:50:18,570 --> 00:50:16,740

of Australian skeptics or any other