

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
00:00:23,690 --> 00:00:28,890
hello to those people driving in your

4
00:00:26,219 --> 00:00:31,910
car hello to those people walking the

5
00:00:28,890 --> 00:00:35,520
dog with them mmm me stuck in your ears

6
00:00:31,910 --> 00:00:39,049
hello those people on the train all the

7
00:00:35,520 --> 00:00:42,690
bus or the theory right now commuting to

8
00:00:39,049 --> 00:00:46,409
or from work hello and welcome to the

9
00:00:42,689 --> 00:00:50,369
skeptic zone episode number 152 for the

10
00:00:46,409 --> 00:00:54,000
17th of sep tember 2011 Richard Saunders

11
00:00:50,369 --> 00:00:57,259
here with you from a very warm very warm

12
00:00:54,000 --> 00:01:00,000
Sydney Australia I think spring is here

13
00:00:57,259 --> 00:01:01,710
or it's around the corner or maybe it

14
00:01:00,000 --> 00:01:04,859
just went by I don't know but it's

15
00:01:01,710 --> 00:01:06,750
lovely warm day today beautiful day lots

16
00:01:04,859 --> 00:01:09,959
of lovely clouds in the sky and some

17
00:01:06,750 --> 00:01:12,540
ducks on the duck pond took my review

18
00:01:09,959 --> 00:01:14,399
and nice out for a walk and anyway

19
00:01:12,540 --> 00:01:17,640
getting back to today's show we have an

20
00:01:14,400 --> 00:01:20,880
interview with Mark Chris lip from quack

21
00:01:17,640 --> 00:01:24,989
cast quite cast is a fantastic our

22
00:01:20,879 --> 00:01:27,239
podcast dedicated to ducks I'll quackery

23
00:01:24,989 --> 00:01:29,699
all sorts of quackery now i'll be

24
00:01:27,239 --> 00:01:32,728
including the links to quite cast on the

25
00:01:29,700 --> 00:01:35,009
the show notes and in the newsletter the

26
00:01:32,728 --> 00:01:38,670
weekly newsletter free to subscribe just

27
00:01:35,009 --> 00:01:42,379
visit skeptic zone TV dr. Reggie caught

28
00:01:38,670 --> 00:01:45,090
up with mark at tam nine in Las Vegas

29

00:01:42,379 --> 00:01:46,949
the more the week's go on the more I

30
00:01:45,090 --> 00:01:48,810
think that woman only interviewed people

31
00:01:46,950 --> 00:01:50,460
it's all she must have done when she

32
00:01:48,810 --> 00:01:52,609
went to town that's that's it I can't

33
00:01:50,459 --> 00:01:55,739
believe she had time to have dinner or

34
00:01:52,608 --> 00:01:58,259
have a krabby leg mmm those crab legs

35
00:01:55,739 --> 00:02:00,179
and that casino okay what that's coming

36
00:01:58,259 --> 00:02:03,718
up at the top of the show now after that

37
00:02:00,180 --> 00:02:06,979
it's Maynard spooky action he asked the

38
00:02:03,718 --> 00:02:10,590
big questions why are skeptics unfunny

39
00:02:06,978 --> 00:02:15,060
yeah you'll find out more when may not

40
00:02:10,590 --> 00:02:16,800
interview Simon Taylor the comedian from

41
00:02:15,060 --> 00:02:21,150
Melbourne who is visiting Maynard's

42
00:02:16,800 --> 00:02:24,120
hometown of Newcastle in the week why

43
00:02:21,150 --> 00:02:26,789

are skeptics and freethinkers atheists

44

00:02:24,120 --> 00:02:29,849

humanists etc clara unfunny well they're

45

00:02:26,789 --> 00:02:32,519

not of course but these topics are

46

00:02:29,848 --> 00:02:33,750

covered with main art and to wrap up the

47

00:02:32,519 --> 00:02:38,400

show dr.

48

00:02:33,750 --> 00:02:41,189

'he reports on her quest permission to

49

00:02:38,400 --> 00:02:43,830

reform the TGA in this country

50

00:02:41,189 --> 00:02:48,150

therapeutics Goods Administration the

51

00:02:43,830 --> 00:02:50,820

people who look after our drugs so to

52

00:02:48,150 --> 00:02:53,219

speak and who keep an eye on dodgy

53

00:02:50,819 --> 00:02:55,289

advertising but as we will find out and

54

00:02:53,219 --> 00:02:59,609

as regular listeners to the skeptics and

55

00:02:55,289 --> 00:03:01,979

dr. reaching know already there next to

56

00:02:59,610 --> 00:03:06,300

useless find out more at the end of the

57

00:03:01,979 --> 00:03:08,759

show with dr. Reggie reports now

58
00:03:06,300 --> 00:03:11,430
speaking of maynard which we were a

59
00:03:08,759 --> 00:03:13,799
moment ago those people in melbourne

60
00:03:11,430 --> 00:03:16,140
will be delighted because main art is

61
00:03:13,800 --> 00:03:18,800
heading your way together with dr h your

62
00:03:16,139 --> 00:03:22,500
answer given Joe Benna mu to the

63
00:03:18,800 --> 00:03:24,360
fabulous skeptic camp and if you google

64
00:03:22,500 --> 00:03:26,009
skeptic aunt Melbourne you'll find out

65
00:03:24,360 --> 00:03:27,630
more details and there will be more

66
00:03:26,009 --> 00:03:29,819
details on this show coming up in the

67
00:03:27,629 --> 00:03:31,739
next few weeks we're sending men are to

68
00:03:29,819 --> 00:03:33,389
his first skeptic am now you may

69
00:03:31,739 --> 00:03:37,020
remember last year may not did a

70
00:03:33,389 --> 00:03:39,659
fantastic job for us reporting from town

71
00:03:37,020 --> 00:03:41,459
Australia running around for days on end

72
00:03:39,659 --> 00:03:44,250
with his microphone getting wonderful

73
00:03:41,459 --> 00:03:47,699
interviews and we've decided since he's

74
00:03:44,250 --> 00:03:51,030
so does that such a good job we're going

75
00:03:47,699 --> 00:03:55,829
to sponsor Maynard to go to Tam Las

76
00:03:51,030 --> 00:03:59,849
Vegas Tam 10 in Las Vegas and you know

77
00:03:55,830 --> 00:04:03,390
what we'd like to ask you to help if

78
00:03:59,849 --> 00:04:05,989
you've never contributed to the skeptic

79
00:04:03,389 --> 00:04:09,719
zone before let's let's do it this way

80
00:04:05,989 --> 00:04:12,799
what I'd like you to do is go to skip

81
00:04:09,719 --> 00:04:15,719
exam TV click the link for a weekly

82
00:04:12,799 --> 00:04:18,870
contribution of one dollar and if you've

83
00:04:15,719 --> 00:04:21,329
never done it before stay in there for

84
00:04:18,870 --> 00:04:24,780
just one month that's it just a month

85
00:04:21,329 --> 00:04:26,220
and then you can cancel and fantastic if

86

00:04:24,779 --> 00:04:29,339
enough people have you do that

87
00:04:26,220 --> 00:04:31,770
periodically and I'm sure we can get

88
00:04:29,339 --> 00:04:35,939
together enough money to get Maynard

89
00:04:31,769 --> 00:04:40,829
over with us to enjoy tam Las Vegas and

90
00:04:35,939 --> 00:04:45,149
bring you many many hours of great

91
00:04:40,829 --> 00:04:47,128
reports insights and interviews why not

92
00:04:45,149 --> 00:04:49,049
huh why not this man were

93
00:04:47,129 --> 00:04:51,749
so hard for the skeptic zone bringing

94
00:04:49,050 --> 00:04:53,908
you fabulous reports as you'll hear

95
00:04:51,749 --> 00:04:57,179
today let's do that for him he's a great

96
00:04:53,908 --> 00:04:59,098
bloke and and I just think that having

97
00:04:57,178 --> 00:05:01,438
may not in Las Vegas it's a match made

98
00:04:59,098 --> 00:05:04,468
in heaven somehow let's see what we can

99
00:05:01,439 --> 00:05:06,599
do also in the past week it's it's come

100
00:05:04,468 --> 00:05:10,038

to my attention that the rebel sports

101

00:05:06,598 --> 00:05:14,209

outlet chain here in Australia are

102

00:05:10,038 --> 00:05:16,978

selling a new form of the Magic Band oh

103

00:05:14,209 --> 00:05:20,399

boy how many of these are there this

104

00:05:16,978 --> 00:05:23,668

one's called the NRG titanium ion band

105

00:05:20,399 --> 00:05:24,959

all sorts of medical claims listen if

106

00:05:23,668 --> 00:05:26,758

you want to find out more about this

107

00:05:24,959 --> 00:05:28,619

band and believe me the Australian

108

00:05:26,759 --> 00:05:31,490

skeptics are on to this and we're going

109

00:05:28,619 --> 00:05:35,699

to be doing something about it you can

110

00:05:31,490 --> 00:05:39,499

visit their Facebook page in fact if you

111

00:05:35,699 --> 00:05:48,419

go to facebook and look for it in our

112

00:05:39,499 --> 00:05:51,990

g/t ITA n iu m l oh n so energy to tain

113

00:05:48,418 --> 00:05:55,278

iam eye on you can see their facebook

114

00:05:51,990 --> 00:05:59,129

page and read their outrageous medical

115
00:05:55,278 --> 00:06:01,139
repeat medical claims about blood flow

116
00:05:59,129 --> 00:06:04,528
and free radicals and all sorts of

117
00:06:01,139 --> 00:06:08,189
things Oh dearie me people really think

118
00:06:04,528 --> 00:06:10,860
that a rubber band with some great

119
00:06:08,189 --> 00:06:12,990
medical claims and trying to bamboozle

120
00:06:10,860 --> 00:06:16,019
people of science sounding words is

121
00:06:12,990 --> 00:06:19,319
going to wash any more they got another

122
00:06:16,019 --> 00:06:21,449
thing coming and also on to this is our

123
00:06:19,319 --> 00:06:24,179
dear friend dr. Steven novella from the

124
00:06:21,449 --> 00:06:27,028
skeptics guide to the universe have a

125
00:06:24,178 --> 00:06:31,288
look at science-based medicine blog

126
00:06:27,028 --> 00:06:33,569
science-based medicine org and look for

127
00:06:31,288 --> 00:06:36,209
the entry called pseudoscience cells

128
00:06:33,569 --> 00:06:41,658
where dr. novella just takes these bands

129
00:06:36,209 --> 00:06:45,209
apart oh boy our work is never done and

130
00:06:41,658 --> 00:06:47,778
these are is mine as you listen to the

131
00:06:45,209 --> 00:06:50,338
skeptics own I'm going to run downstairs

132
00:06:47,778 --> 00:06:53,428
I'm going to get some vanilla ice cream

133
00:06:50,338 --> 00:06:58,889
in a cup a little bit of Hershey's

134
00:06:53,428 --> 00:07:00,429
chocolate mmm on top teaspoon beat it up

135
00:06:58,889 --> 00:07:03,759
a little bit maybe a bit of whip

136
00:07:00,430 --> 00:07:08,819
cream oh boy I'm going to enjoy that and

137
00:07:03,759 --> 00:07:08,819
I'll let you enjoy the skeptic side

138
00:07:26,600 --> 00:07:32,100
i'm here at ten nine with the wonderful

139
00:07:29,579 --> 00:07:33,779
dr. Marcus lip hi mark i welcome to the

140
00:07:32,100 --> 00:07:36,990
skeptic zone thank you thank you for

141
00:07:33,779 --> 00:07:39,839
being with us you of course are the

142
00:07:36,990 --> 00:07:43,050
author and presenter of the wonderful

143

00:07:39,839 --> 00:07:47,819
quickcast podcast which is of course the

144
00:07:43,050 --> 00:07:50,189
sarcastic and PP medical podcast that we

145
00:07:47,819 --> 00:07:52,439
all love thank you and of course you are

146
00:07:50,189 --> 00:07:54,420
also the owner of the trademark the

147
00:07:52,439 --> 00:07:55,829
world needs more mark Chris lip yes I

148
00:07:54,420 --> 00:07:59,250
think so which is why we've got you on

149
00:07:55,829 --> 00:08:00,839
the skipper zone today hope people

150
00:07:59,250 --> 00:08:03,029
understand that's meant sarcastically

151
00:08:00,839 --> 00:08:05,759
yeah so for those of you who don't

152
00:08:03,029 --> 00:08:07,979
listen to your podcast um you kind of

153
00:08:05,759 --> 00:08:11,699
your right upfront about what you call

154
00:08:07,980 --> 00:08:14,550
scam yeah not can and so what is that

155
00:08:11,699 --> 00:08:17,579
what is it that stand scam our schemes

156
00:08:14,550 --> 00:08:20,189
gah supplements coupling and alternative

157
00:08:17,579 --> 00:08:22,079

medicine yeah and that was Peters about

158

00:08:20,189 --> 00:08:23,969

it dad pronounce it I'll paint about it

159

00:08:22,079 --> 00:08:26,669

I think he originated it so I stole it

160

00:08:23,970 --> 00:08:27,990

from him I didn't know yeah I didn't

161

00:08:26,670 --> 00:08:29,970

originate it I stole it from somebody

162

00:08:27,990 --> 00:08:32,788

and I think it was Peter okay so i'll

163

00:08:29,970 --> 00:08:34,740

give him credit so you're pretty much

164

00:08:32,788 --> 00:08:37,710

straight up and down about this stuff

165

00:08:34,740 --> 00:08:39,330

might you don't mince words where where

166

00:08:37,710 --> 00:08:41,370

it's necessary to say this is

167

00:08:39,330 --> 00:08:44,310

you call it out me no i think it's

168

00:08:41,370 --> 00:08:46,740

important to be honest with people the

169

00:08:44,309 --> 00:08:49,429

house staff voted me attending most

170

00:08:46,740 --> 00:08:52,620

likely to tell it like it is so really i

171

00:08:49,429 --> 00:08:54,929

think its spread throughout my life well

172
00:08:52,620 --> 00:08:56,940
you already faced as a specialist so

173
00:08:54,929 --> 00:08:58,949
what do you what do you do to stay there

174
00:08:56,940 --> 00:09:01,860
dad take care of patients in hospitals

175
00:08:58,950 --> 00:09:03,840
with weird or unusual infections mm-hmm

176
00:09:01,860 --> 00:09:06,509
so weird pneumonias our Falcon fractions

177
00:09:03,840 --> 00:09:09,540
meningitis aid stuff like that so in

178
00:09:06,509 --> 00:09:11,429
terms of that I suppose you would come

179
00:09:09,539 --> 00:09:13,259
across a lot of people that use can last

180
00:09:11,429 --> 00:09:15,870
game as you say you may find that into

181
00:09:13,259 --> 00:09:18,179
practice the people so I asked every

182
00:09:15,870 --> 00:09:19,690
patient but the majority don't beyond

183
00:09:18,179 --> 00:09:22,569
herbs in car

184
00:09:19,690 --> 00:09:25,390
practica an acupuncture it's very rare

185
00:09:22,570 --> 00:09:26,860
to find anybody who actually is people

186
00:09:25,389 --> 00:09:29,199
who are deep into that don't come in the

187
00:09:26,860 --> 00:09:31,149
hospital happens occasionally but mostly

188
00:09:29,200 --> 00:09:33,280
it's casual use more than anything else

189
00:09:31,149 --> 00:09:35,350
so do you think it's that I don't use

190
00:09:33,279 --> 00:09:37,809
it'll don't tell you that i use it i ask

191
00:09:35,350 --> 00:09:39,879
i think the only thing people lie

192
00:09:37,809 --> 00:09:42,369
routinely about is their taste in music

193
00:09:39,879 --> 00:09:44,379
because they tell you about their sexual

194
00:09:42,370 --> 00:09:45,460
habits and the drug use and i don't

195
00:09:44,379 --> 00:09:47,289
think they're going to hide it from me

196
00:09:45,460 --> 00:09:48,850
right because there are there have been

197
00:09:47,289 --> 00:09:51,250
studies done on this and in particular i

198
00:09:48,850 --> 00:09:54,190
recently did some research on cammy's in

199
00:09:51,250 --> 00:09:55,960
HIV I want in hiv-positive patients and

200

00:09:54,190 --> 00:09:58,240
some of the studies were showing that

201
00:09:55,960 --> 00:10:00,129
something like 40 up to forty nine

202
00:09:58,240 --> 00:10:01,720
percent of the people were not telling

203
00:10:00,129 --> 00:10:03,220
their doctors that they were takin care

204
00:10:01,720 --> 00:10:05,170
yeah but probably cuz they were being

205
00:10:03,220 --> 00:10:07,840
asked and when people are in the

206
00:10:05,169 --> 00:10:10,449
hospital they're sick and so they don't

207
00:10:07,840 --> 00:10:11,830
hide anything for fear that they're

208
00:10:10,450 --> 00:10:13,930
going to hold something back this

209
00:10:11,830 --> 00:10:16,240
important yeah because the one of the

210
00:10:13,929 --> 00:10:19,089
other statistics that I was I came

211
00:10:16,240 --> 00:10:21,460
across in a review was out of all the

212
00:10:19,090 --> 00:10:23,410
scam or can use by particularly

213
00:10:21,460 --> 00:10:28,360
hiv-positive patients one of the highest

214
00:10:23,409 --> 00:10:30,269

ones was prayer and then supplements and

215

00:10:28,360 --> 00:10:32,860

what one of the interesting things was

216

00:10:30,269 --> 00:10:35,889

people who were on heart in highly

217

00:10:32,860 --> 00:10:38,590

active antiretroviral therapy but also

218

00:10:35,889 --> 00:10:40,569

on supplements if they started to feel

219

00:10:38,590 --> 00:10:42,399

better they would attribute that to the

220

00:10:40,570 --> 00:10:45,040

supplements not to the antiretroviral

221

00:10:42,399 --> 00:10:46,329

therapy it's always the case and I'd you

222

00:10:45,039 --> 00:10:49,480

know it always depends you read those

223

00:10:46,330 --> 00:10:52,920

things I need to find a scam because I

224

00:10:49,480 --> 00:10:52,920

don't actually think of prayer as

225

00:10:53,190 --> 00:10:58,060

anything important right because it

226

00:10:56,049 --> 00:11:00,039

doesn't have it a feta of physiological

227

00:10:58,059 --> 00:11:01,119

of that makes you feel comfortable but

228

00:11:00,039 --> 00:11:03,189

it's not going to interfere with your

229
00:11:01,120 --> 00:11:04,779
medications it's not going to cause

230
00:11:03,190 --> 00:11:07,150
infections just not going to have side

231
00:11:04,779 --> 00:11:09,939
effects it's not going to be a stroke so

232
00:11:07,149 --> 00:11:12,730
you know prayer is as innocuous as Ricky

233
00:11:09,940 --> 00:11:14,170
so yeah those don't matter people use

234
00:11:12,730 --> 00:11:15,820
them because they do absolutely

235
00:11:14,169 --> 00:11:18,909
nothing I don't care if my patients take

236
00:11:15,820 --> 00:11:20,860
homeopathy how's it going to do but

237
00:11:18,909 --> 00:11:23,230
herbs I asked them specifically you take

238
00:11:20,860 --> 00:11:25,899
any Arab defense or something if I think

239
00:11:23,230 --> 00:11:29,079
they're always forthcoming so what in

240
00:11:25,899 --> 00:11:31,049
the case of say for example with HIV

241
00:11:29,078 --> 00:11:32,948
there are herbs that can interact with

242
00:11:31,049 --> 00:11:35,289
antiretrovirals out there that can

243
00:11:32,948 --> 00:11:38,409
actually increase their effect or reduce

244
00:11:35,289 --> 00:11:39,909
their effect so it is important to know

245
00:11:38,409 --> 00:11:41,049
if your patients taking that isn't it

246
00:11:39,909 --> 00:11:43,000
yeah there's a lot of drug drug

247
00:11:41,049 --> 00:11:45,278
interested parties and editors there's a

248
00:11:43,000 --> 00:11:46,539
lot of drug drug interactions so you

249
00:11:45,278 --> 00:11:47,799
have to know what people are also you

250
00:11:46,539 --> 00:11:49,899
can manage their medications

251
00:11:47,799 --> 00:11:51,458
appropriately so does it frustrate you

252
00:11:49,899 --> 00:11:55,149
when you come across patients that are

253
00:11:51,458 --> 00:11:58,028
taking alternative medicines no not

254
00:11:55,149 --> 00:12:00,940
really I mean you know I'm an asshole on

255
00:11:58,028 --> 00:12:03,909
the podcast but but in real life you

256
00:12:00,940 --> 00:12:05,800
know it's my job to form a working

257

00:12:03,909 --> 00:12:08,110
relationship with everybody that comes

258
00:12:05,799 --> 00:12:10,719
their way since I'm the only person who

259
00:12:08,110 --> 00:12:14,409
does what I do in my hospital I can't

260
00:12:10,720 --> 00:12:16,028
afford to alienate or piss off a patient

261
00:12:14,409 --> 00:12:17,889
because then they have no one else to go

262
00:12:16,028 --> 00:12:19,990
to so you know I was just part of the

263
00:12:17,889 --> 00:12:22,060
continuum of human behavior it's like

264
00:12:19,990 --> 00:12:23,948
you know this person does that the next

265
00:12:22,059 --> 00:12:26,619
person to something you know equally

266
00:12:23,948 --> 00:12:29,469
stupid hmm no I don't it doesn't

267
00:12:26,620 --> 00:12:31,720
frustrate me I get like having teenage

268
00:12:29,470 --> 00:12:35,320
children and i long ago gave up on being

269
00:12:31,720 --> 00:12:38,410
frustrated with human behavior here that

270
00:12:35,320 --> 00:12:42,579
jap if you're listening we can edit that

271
00:12:38,409 --> 00:12:44,889

out or not I don't care what good so I

272

00:12:42,578 --> 00:12:46,269

know that you have in the past you do

273

00:12:44,889 --> 00:12:49,328

right for science-based medicine as well

274

00:12:46,269 --> 00:12:51,159

the blog which is also Steve novella

275

00:12:49,328 --> 00:12:53,469

also writes for that as well as David

276

00:12:51,159 --> 00:12:55,899

core see you have addressed in the past

277

00:12:53,470 --> 00:12:58,269

issues put forth by the anti-vaccination

278

00:12:55,899 --> 00:12:59,860

movement with respect to that in your

279

00:12:58,269 --> 00:13:02,110

practice have you seen a rise in any

280

00:12:59,860 --> 00:13:04,720

sort of vaccine-preventable diseases gee

281

00:13:02,110 --> 00:13:06,490

I have seen diseases that I have not

282

00:13:04,720 --> 00:13:08,709

seen before or at least they've been

283

00:13:06,490 --> 00:13:10,480

reported in my community I've seen now

284

00:13:08,708 --> 00:13:12,219

natural case of months which spies a

285

00:13:10,480 --> 00:13:16,620

heck out of me because I never seen

286
00:13:12,220 --> 00:13:18,910
mumps measles we've had small numbers in

287
00:13:16,620 --> 00:13:20,470
Portland but they haven't we try and

288
00:13:18,909 --> 00:13:23,469
keep measles out of the hospital because

289
00:13:20,470 --> 00:13:25,028
it is the most contagious disease my

290
00:13:23,470 --> 00:13:25,879
second most contagious disease may be

291
00:13:25,028 --> 00:13:29,480
known to man

292
00:13:25,879 --> 00:13:32,360
so I we don't try and bring them in if

293
00:13:29,480 --> 00:13:34,279
we can so you sort of more hear about

294
00:13:32,360 --> 00:13:36,230
them is they're mostly outpatient i'm

295
00:13:34,279 --> 00:13:39,829
ninety-nine percent inpatient medicine

296
00:13:36,230 --> 00:13:42,350
so they asked me those mumps chicken pox

297
00:13:39,830 --> 00:13:45,310
is always there Hasina German measles in

298
00:13:42,350 --> 00:13:48,980
25 years what about whooping cough

299
00:13:45,309 --> 00:13:51,889
pertussis is an ongoing total pain in

300
00:13:48,980 --> 00:13:53,570
the neck because it happens is adults

301
00:13:51,889 --> 00:13:55,759
have it they're not immunized and then

302
00:13:53,570 --> 00:13:58,430
they come into the ER caulking and

303
00:13:55,759 --> 00:14:00,379
expose everybody and it's more problem

304
00:13:58,429 --> 00:14:02,569
in adults with chronic cough than it is

305
00:14:00,379 --> 00:14:06,620
and kids most pediatricians are and the

306
00:14:02,570 --> 00:14:08,720
ers are clued in that a coffee kid has

307
00:14:06,620 --> 00:14:11,929
pertussis put them in isolation but

308
00:14:08,720 --> 00:14:16,300
that's creeping up to promos not as bad

309
00:14:11,929 --> 00:14:19,939
as I is some areas in the northwest for

310
00:14:16,299 --> 00:14:21,589
anti-vaccine problems though some of the

311
00:14:19,940 --> 00:14:24,830
schools evidently are quite high in the

312
00:14:21,590 --> 00:14:26,690
area yeah because recently in at least

313
00:14:24,830 --> 00:14:27,770
in California there were laws introduced

314

00:14:26,690 --> 00:14:29,480
that you have to demonstrate your

315
00:14:27,769 --> 00:14:31,090
children have been vaccinated now before

316
00:14:29,480 --> 00:14:33,680
you they can go to a public school

317
00:14:31,090 --> 00:14:35,600
because there has been as you would be

318
00:14:33,679 --> 00:14:38,239
aware an epidemic of whooping cough in

319
00:14:35,600 --> 00:14:40,909
California couple deaths too sad yeah I

320
00:14:38,240 --> 00:14:42,529
think nine deaths at last count of kids

321
00:14:40,909 --> 00:14:45,679
under the age where they can actually be

322
00:14:42,529 --> 00:14:47,059
vaccinated yeah um so do you do you come

323
00:14:45,679 --> 00:14:50,079
across that in your practice you come

324
00:14:47,059 --> 00:14:53,179
across people patients that are dispute

325
00:14:50,080 --> 00:14:54,620
vaccination and ask you and put forward

326
00:14:53,179 --> 00:14:56,779
some of the canners that I guess we're

327
00:14:54,620 --> 00:14:58,340
familiar with it's actually now so much

328
00:14:56,779 --> 00:15:00,339

in my pride because I only deal with

329

00:14:58,340 --> 00:15:04,399

adults but it's more of my real life

330

00:15:00,340 --> 00:15:07,250

where some surprised that people don't

331

00:15:04,399 --> 00:15:09,559

want to have vaccines I mean the reason

332

00:15:07,250 --> 00:15:13,309

that we live to be 80 is flush toilets

333

00:15:09,559 --> 00:15:14,779

clean water and vaccinations and if you

334

00:15:13,309 --> 00:15:16,819

read history everybody's to dive

335

00:15:14,779 --> 00:15:19,879

infectious diseases that are preventable

336

00:15:16,820 --> 00:15:21,830

now and and this is boggles my mind that

337

00:15:19,879 --> 00:15:24,769

people will not vaccinate their kids or

338

00:15:21,830 --> 00:15:28,040

worry about it can you speculate why

339

00:15:24,769 --> 00:15:29,000

people dear it comes down to Thea

340

00:15:28,039 --> 00:15:31,309

they're afraid their kids are going to

341

00:15:29,000 --> 00:15:33,799

get side effects or autism or some

342

00:15:31,309 --> 00:15:37,099

complications of vaccine and they don't

343
00:15:33,799 --> 00:15:37,759
know the fear that the plagues of the

344
00:15:37,100 --> 00:15:41,389
past

345
00:15:37,759 --> 00:15:43,220
used to cause you know polio used to

346
00:15:41,389 --> 00:15:44,899
devastate communities measles would

347
00:15:43,220 --> 00:15:47,269
devastate community shut the whole

348
00:15:44,899 --> 00:15:49,009
communities down doesn't happen these

349
00:15:47,269 --> 00:15:50,689
days because of vaccinations and herd

350
00:15:49,009 --> 00:15:52,309
immunity but were kind of creeping

351
00:15:50,690 --> 00:15:54,740
closer and closer to the edge where we

352
00:15:52,309 --> 00:15:56,809
may have a problem again yeah and I have

353
00:15:54,740 --> 00:15:58,730
a child who starts college in six weeks

354
00:15:56,809 --> 00:16:00,979
so I need the business so don't

355
00:15:58,730 --> 00:16:03,019
vaccinate your children I need the

356
00:16:00,980 --> 00:16:06,470
measles I need the chicken pox I need a

357
00:16:03,019 --> 00:16:08,990
good plague so you have addressed in the

358
00:16:06,470 --> 00:16:12,680
past on your podcast but also on the sbm

359
00:16:08,990 --> 00:16:15,080
blog this whole internet meme called the

360
00:16:12,679 --> 00:16:17,559
nine questions that yeah physicians or

361
00:16:15,080 --> 00:16:19,580
scientists can't answer about vaccines I

362
00:16:17,559 --> 00:16:20,419
just wanted to run through a couple of

363
00:16:19,580 --> 00:16:22,129
those because they're actually quite

364
00:16:20,419 --> 00:16:24,610
interesting the one that I'm

365
00:16:22,129 --> 00:16:26,539
particularly annoys me is the one about

366
00:16:24,610 --> 00:16:28,490
vaccines being injected into the

367
00:16:26,539 --> 00:16:31,129
bloodstream now you find this all over

368
00:16:28,490 --> 00:16:33,409
anti-vaccination websites that's wrong

369
00:16:31,129 --> 00:16:35,240
is there most of them in the muscle it's

370
00:16:33,409 --> 00:16:37,879
not very much as I said well the muscle

371

00:16:35,240 --> 00:16:39,529
has a blood supply so but I do not

372
00:16:37,879 --> 00:16:41,120
inject it into the bloodstream but it

373
00:16:39,529 --> 00:16:43,579
sounds scary to say that doesn't it

374
00:16:41,120 --> 00:16:45,019
because it makes it sound scarier to say

375
00:16:43,580 --> 00:16:47,210
it's injected into the bloodstream than

376
00:16:45,019 --> 00:16:48,980
it is to say it's injected into your oh

377
00:16:47,210 --> 00:16:50,570
yeah there's more scary now

378
00:16:48,980 --> 00:16:53,509
interestingly there was a study recently

379
00:16:50,570 --> 00:16:55,940
where they took like 120 people and they

380
00:16:53,509 --> 00:16:58,370
had the brush and floss and they check

381
00:16:55,940 --> 00:17:01,070
their blood for bacteria and it was

382
00:16:58,370 --> 00:17:02,659
found an 80 of the about 120 people so

383
00:17:01,070 --> 00:17:04,578
you want to be scared I wouldn't worry

384
00:17:02,659 --> 00:17:06,619
about a vaccine you really shouldn't

385
00:17:04,578 --> 00:17:08,059

brush your teeth I mean you get back to

386

00:17:06,619 --> 00:17:10,009

Rhema you get stuff in your blood all

387

00:17:08,059 --> 00:17:11,509

the time is the human condition to have

388

00:17:10,009 --> 00:17:13,640

stuff in your bloodstream all the time

389

00:17:11,509 --> 00:17:15,470

that's why I have an immune system and

390

00:17:13,640 --> 00:17:17,810

and the trivial amount of stuff you get

391

00:17:15,470 --> 00:17:19,670

from an intramuscular vaccine or are

392

00:17:17,809 --> 00:17:21,619

nothing the other thing that they talk

393

00:17:19,670 --> 00:17:23,720

about is that infectious diseases

394

00:17:21,619 --> 00:17:26,029

haven't declined because of vaccines

395

00:17:23,720 --> 00:17:29,089

it's been the increase in sanitation and

396

00:17:26,029 --> 00:17:34,849

I think more sunshine and unicorn farts

397

00:17:29,089 --> 00:17:36,709

or something but you oh I thought it was

398

00:17:34,849 --> 00:17:39,679

you to call tears that will protect oh

399

00:17:36,710 --> 00:17:41,420

no it's against Bobby jobs makes all the

400
00:17:39,680 --> 00:17:43,519
apple products with unicorn tears and

401
00:17:41,420 --> 00:17:45,440
that's why they're so special oh but I

402
00:17:43,519 --> 00:17:46,460
know is your cord farts well unicorn

403
00:17:45,440 --> 00:17:50,660
spot rainbows

404
00:17:46,460 --> 00:17:54,319
you know I did not know that oh I've

405
00:17:50,660 --> 00:17:57,950
already forgot the question okay focus

406
00:17:54,319 --> 00:18:00,730
the question was that the ant effects to

407
00:17:57,950 --> 00:18:03,590
say that vaccines have not reduced DVDs

408
00:18:00,730 --> 00:18:05,240
ever everything that has improved the

409
00:18:03,589 --> 00:18:06,919
quality and decrease infection is

410
00:18:05,240 --> 00:18:09,470
multifactorial so there's no single

411
00:18:06,920 --> 00:18:12,019
thing that decreases infections in the

412
00:18:09,470 --> 00:18:13,730
community it's been flush toilets it's

413
00:18:12,019 --> 00:18:15,859
been good nutrition it's been

414
00:18:13,730 --> 00:18:18,440
understanding the epidemiology of

415
00:18:15,859 --> 00:18:20,299
disease but it's also been vaccination

416
00:18:18,440 --> 00:18:22,160
and anytime you want to make an impact

417
00:18:20,299 --> 00:18:25,909
on infectious disease there's never a

418
00:18:22,160 --> 00:18:27,680
single answer there are multiple answers

419
00:18:25,910 --> 00:18:29,600
and their own hospital systems we've

420
00:18:27,680 --> 00:18:31,730
done multiple things to decrease

421
00:18:29,599 --> 00:18:33,469
hospital infections and we've decreased

422
00:18:31,730 --> 00:18:36,650
our hospital infections estimate like

423
00:18:33,470 --> 00:18:38,809
750 in the last two years and but it

424
00:18:36,650 --> 00:18:40,880
wasn't a thing it was multiple things

425
00:18:38,809 --> 00:18:42,139
mean is it's like saying that you know

426
00:18:40,880 --> 00:18:44,120
you're only going to get nutrition by

427
00:18:42,140 --> 00:18:45,020
eating nothing but broccoli I mean

428

00:18:44,119 --> 00:18:46,879
you're going to get good nutrition

429
00:18:45,019 --> 00:18:48,799
making lots of different things to stay

430
00:18:46,880 --> 00:18:51,500
in healthy it's a multifactorial

431
00:18:48,799 --> 00:18:53,839
intervention in vaccines are part of of

432
00:18:51,500 --> 00:18:56,779
a multifactorial interventions that's

433
00:18:53,839 --> 00:18:58,459
driven infections down but is they

434
00:18:56,779 --> 00:19:00,529
proven they have places where people are

435
00:18:58,460 --> 00:19:04,190
vaccinated when they're exposed they get

436
00:19:00,529 --> 00:19:06,319
the disease but I also like to to

437
00:19:04,190 --> 00:19:08,600
message the statistics or actually just

438
00:19:06,319 --> 00:19:12,819
really think cherry picked them because

439
00:19:08,599 --> 00:19:15,619
they tend to only include deaths from

440
00:19:12,819 --> 00:19:19,609
vaccine-preventable diseases as opposed

441
00:19:15,619 --> 00:19:22,219
to chronic long-term effects so they'll

442
00:19:19,609 --> 00:19:24,049

say the deaths have introduced that much

443

00:19:22,220 --> 00:19:25,759

but then you also don't you also have to

444

00:19:24,049 --> 00:19:27,589

consider that you're not looking at

445

00:19:25,759 --> 00:19:30,470

long-term problems and side effects so

446

00:19:27,589 --> 00:19:32,299

for example with pertussis if you get

447

00:19:30,470 --> 00:19:34,100

that as a child you can then possibly

448

00:19:32,299 --> 00:19:36,859

get a cough every 12 months for a long

449

00:19:34,099 --> 00:19:38,149

time it's not just that infection period

450

00:19:36,859 --> 00:19:39,759

and that's the end of that illness is it

451

00:19:38,150 --> 00:19:43,190

yeah the most amazing how people

452

00:19:39,759 --> 00:19:46,069

trivialize human suffering um always not

453

00:19:43,190 --> 00:19:49,400

just deaths it's you know other things

454

00:19:46,069 --> 00:19:51,679

are unchanged go on the on the internet

455

00:19:49,400 --> 00:19:54,080

and find videos of kids with pertussis I

456

00:19:51,680 --> 00:19:55,250

mean it's horrible to watch these kids

457
00:19:54,079 --> 00:19:57,470
try and cost them

458
00:19:55,250 --> 00:19:59,930
elves to death I mean these are awful

459
00:19:57,470 --> 00:20:02,839
illnesses that you mean they're horrible

460
00:19:59,930 --> 00:20:04,070
and and it is hard to trivialize human

461
00:20:02,839 --> 00:20:07,069
suffering that's preventable with

462
00:20:04,069 --> 00:20:08,809
minimal 20 side effects you know what

463
00:20:07,069 --> 00:20:11,450
they really I mean my children really

464
00:20:08,809 --> 00:20:13,639
chafed about their seatbelts it went

465
00:20:11,450 --> 00:20:15,500
across their neck and on long drives I

466
00:20:13,640 --> 00:20:18,380
got these little red marks and I've

467
00:20:15,500 --> 00:20:20,809
never been in an accident so why would I

468
00:20:18,380 --> 00:20:22,880
have my kids wear seatbelts hmm that's

469
00:20:20,809 --> 00:20:27,200
that logic I know it's just I don't get

470
00:20:22,880 --> 00:20:28,880
it yeah i mean the rig the morbidity of

471
00:20:27,200 --> 00:20:32,269
a vaccine is so much less than the

472
00:20:28,880 --> 00:20:33,950
morbidity of the disease yeah the risk

473
00:20:32,269 --> 00:20:35,930
associated with the side effects its

474
00:20:33,950 --> 00:20:37,190
much so much more than and so that

475
00:20:35,930 --> 00:20:40,220
that's something else they can't

476
00:20:37,190 --> 00:20:41,660
interpret is the risk-benefit ratio but

477
00:20:40,220 --> 00:20:45,009
you you're a doctor so clearly you're

478
00:20:41,660 --> 00:20:50,060
paid by Big Pharma first of all I wish

479
00:20:45,009 --> 00:20:54,920
your your shield mark yeah I have

480
00:20:50,059 --> 00:20:57,289
accepted one thing in 20-30 years from a

481
00:20:54,920 --> 00:20:59,150
pharmaceutical company now I don't eat

482
00:20:57,289 --> 00:21:02,930
the pizza at conferences I go take the

483
00:20:59,150 --> 00:21:05,480
books I don't go to I don't take the

484
00:21:02,930 --> 00:21:09,500
pins I don't talk to pharmacy reps and

485

00:21:05,480 --> 00:21:13,880
but about 15 years ago the maker of

486
00:21:09,500 --> 00:21:15,500
unasyn since he they quit using the drug

487
00:21:13,880 --> 00:21:17,840
because of me and so he left the

488
00:21:15,500 --> 00:21:20,119
hospital and he sent me a fleet cinema

489
00:21:17,839 --> 00:21:22,009
with a unison sticker on it and deftly

490
00:21:20,119 --> 00:21:26,869
cinema I always showed the start of my

491
00:21:22,009 --> 00:21:29,150
talks proudly sits on my desk so that's

492
00:21:26,869 --> 00:21:30,889
the only thing I've ever taken ever from

493
00:21:29,150 --> 00:21:34,850
a pharmaceutical company interestingly

494
00:21:30,890 --> 00:21:36,740
on somebody sent an email to my the head

495
00:21:34,849 --> 00:21:39,589
of my hospital system complaining about

496
00:21:36,740 --> 00:21:44,690
me and it was anonymous but you know

497
00:21:39,589 --> 00:21:47,000
when you print out a a something off the

498
00:21:44,690 --> 00:21:50,509
computer gives you the folder is printed

499
00:21:47,000 --> 00:21:52,339

from c dash hard drive / the folder and

500

00:21:50,509 --> 00:21:54,710

it was curious that the name of the

501

00:21:52,339 --> 00:21:58,519

folder it was printed from was also the

502

00:21:54,710 --> 00:22:00,890

name of the local levofloxacin rep so oh

503

00:21:58,519 --> 00:22:02,910

she wasn't real bright that was

504

00:22:00,890 --> 00:22:05,640

I've never taken anything from Big

505

00:22:02,910 --> 00:22:07,170

Pharma ever I'd like to and if there's

506

00:22:05,640 --> 00:22:11,580

someone from big farmer listening I

507

00:22:07,170 --> 00:22:15,450

would like to be on your paper as I keep

508

00:22:11,579 --> 00:22:17,519

saying my kid starts college what what

509

00:22:15,450 --> 00:22:19,500

is the evidence for long-term safety and

510

00:22:17,519 --> 00:22:21,720

efficacy because we have a dumb

511

00:22:19,500 --> 00:22:23,430

double-blind randomized yeah thank you

512

00:22:21,720 --> 00:22:25,110

so we put kids in a room and give it and

513

00:22:23,430 --> 00:22:26,430

pertussis in them and put a bunch in

514
00:22:25,109 --> 00:22:28,619
another room and giving them a back same

515
00:22:26,430 --> 00:22:30,000
a given pertussis yeah that used to be

516
00:22:28,619 --> 00:22:32,399
an interesting ethical question as to

517
00:22:30,000 --> 00:22:34,170
how you can how much you can study

518
00:22:32,400 --> 00:22:35,850
something in a placebo-controlled trial

519
00:22:34,170 --> 00:22:38,100
when you have efficacy and you have a

520
00:22:35,849 --> 00:22:41,219
preponderance of data both historical

521
00:22:38,099 --> 00:22:44,369
and short-term that drugs are safe and

522
00:22:41,220 --> 00:22:47,339
effective it becomes unethical to do

523
00:22:44,369 --> 00:22:49,529
just that study at least outside of a

524
00:22:47,339 --> 00:22:55,039
human what's he calling you you bring up

525
00:22:49,529 --> 00:22:57,450
Nazis Godwin's yeah time for God is no

526
00:22:55,039 --> 00:23:00,690
no I do that at the in concentration

527
00:22:57,450 --> 00:23:03,720
camp I mean movie uh no not exactly no

528
00:23:00,690 --> 00:23:06,210
there was that syphilis study yeah 1952

529
00:23:03,720 --> 00:23:09,299
attorneys taste in 1970 yeah Tuskegee is

530
00:23:06,210 --> 00:23:11,430
one of the great black eyes yeah but it

531
00:23:09,299 --> 00:23:13,740
would be unethical to do that in this

532
00:23:11,430 --> 00:23:16,440
day and age and when you follow cohorts

533
00:23:13,740 --> 00:23:18,839
of kids long-term that you don't find

534
00:23:16,440 --> 00:23:21,230
long-term side effects from vaccinations

535
00:23:18,839 --> 00:23:23,939
and from out from what's the word

536
00:23:21,230 --> 00:23:25,710
plausibility reason there would be no

537
00:23:23,940 --> 00:23:28,380
reason to suspect it in the vast

538
00:23:25,710 --> 00:23:30,870
majority of the vaccines because there's

539
00:23:28,380 --> 00:23:34,110
really almost nothing in them but a wee

540
00:23:30,869 --> 00:23:35,609
bit a protein and carbohydrate to let

541
00:23:34,109 --> 00:23:37,379
the immune system know what the bug

542

00:23:35,609 --> 00:23:39,419
looks like on the other hand as

543
00:23:37,380 --> 00:23:42,320
vaccinations gone up we've had more

544
00:23:39,420 --> 00:23:46,470
Republicans elected to the United States

545
00:23:42,319 --> 00:23:49,609
some vaccinations was Republican but on

546
00:23:46,470 --> 00:23:51,990
a serious night there is evidence that

547
00:23:49,609 --> 00:23:54,119
vaccines have the long-term safety and

548
00:23:51,990 --> 00:23:55,890
efficacy is in there yeah if you follow

549
00:23:54,119 --> 00:23:59,729
children people get vaccines long term

550
00:23:55,890 --> 00:24:02,970
there's no increase problems in kids who

551
00:23:59,730 --> 00:24:05,579
get vaccines now that's the best you can

552
00:24:02,970 --> 00:24:08,690
do and that's the ethical thing you can

553
00:24:05,579 --> 00:24:10,369
do I like the Polish study that actually

554
00:24:08,690 --> 00:24:12,289
this year that showed that kids who

555
00:24:10,369 --> 00:24:16,159
stuck with the MMR schedule I had less

556
00:24:12,289 --> 00:24:18,440

autism than those that stretched it out

557

00:24:16,160 --> 00:24:20,620

or didn't get it and I thought that was

558

00:24:18,440 --> 00:24:22,670

an intriguing study so how do you

559

00:24:20,619 --> 00:24:24,649

respond to people saying that you know

560

00:24:22,670 --> 00:24:26,240

polio hasn't really I mean hasn't

561

00:24:24,650 --> 00:24:28,550

disappeared but it hasn't really reduced

562

00:24:26,240 --> 00:24:31,539

they just renamed it so that we think

563

00:24:28,549 --> 00:24:35,029

it's around anymore I thought that was a

564

00:24:31,539 --> 00:24:37,099

smallpox smallpox is no chicken pox oh

565

00:24:35,029 --> 00:24:39,259

is it that's the one I've heard okay

566

00:24:37,099 --> 00:24:41,209

it's interesting because that is the

567

00:24:39,259 --> 00:24:43,569

greatest transmogrification of all time

568

00:24:41,210 --> 00:24:47,090

because it completely changes genome

569

00:24:43,569 --> 00:24:48,109

from one hundred percent right i mean

570

00:24:47,089 --> 00:24:50,209

that's what's really weird is that you

571
00:24:48,109 --> 00:24:51,740
mean you can you can stretch out and

572
00:24:50,210 --> 00:24:53,930
read the entire genetic code of these

573
00:24:51,740 --> 00:24:56,480
viruses and say though that they just

574
00:24:53,930 --> 00:24:58,670
renamed it is it's just profoundly weird

575
00:24:56,480 --> 00:25:00,500
the guy who write these line questions

576
00:24:58,670 --> 00:25:03,080
is a natural passive is that correct

577
00:25:00,500 --> 00:25:07,069
yeah but you know what ND stands for not

578
00:25:03,079 --> 00:25:08,480
a doctor right so let's just change the

579
00:25:07,069 --> 00:25:10,039
subject for a moment let's talk a little

580
00:25:08,480 --> 00:25:12,319
bit about placebo because yourself

581
00:25:10,039 --> 00:25:14,539
myself and you on a panel on saturday

582
00:25:12,319 --> 00:25:17,299
talking about placebo medicine the only

583
00:25:14,539 --> 00:25:18,889
thing the placebo effect is is people

584
00:25:17,299 --> 00:25:21,589
convincing themselves they're better

585
00:25:18,890 --> 00:25:24,740
when they're not hmm there is no placebo

586
00:25:21,589 --> 00:25:26,569
effect it's a medical myth for the

587
00:25:24,740 --> 00:25:29,029
almost the entire part because when you

588
00:25:26,569 --> 00:25:31,669
look that it's only with subjective in

589
00:25:29,029 --> 00:25:34,240
come out in comes subjective outcomes

590
00:25:31,670 --> 00:25:37,820
where you see a placebo effect and

591
00:25:34,240 --> 00:25:40,130
subjective outcomes can't be trusted

592
00:25:37,819 --> 00:25:44,059
because when people are in studies they

593
00:25:40,130 --> 00:25:46,100
want to be of benefit they want to help

594
00:25:44,059 --> 00:25:48,319
it's the stockholder that go see that

595
00:25:46,099 --> 00:25:50,359
yeah you know people take on the

596
00:25:48,319 --> 00:25:51,980
characteristics of their kidnappers yeah

597
00:25:50,359 --> 00:25:53,569
yeah I mean that's what being in a study

598
00:25:51,980 --> 00:25:55,099
is like you want to please your doctor

599

00:25:53,569 --> 00:25:56,240
you don't want to help them they're

600
00:25:55,099 --> 00:25:58,639
going to tell them what they want to

601
00:25:56,240 --> 00:26:01,220
hear my in so I don't it's like that's

602
00:25:58,640 --> 00:26:04,550
interesting but I'd like to see a non

603
00:26:01,220 --> 00:26:07,759
subjective endpoint that says that there

604
00:26:04,549 --> 00:26:11,029
was actually what they said is true my

605
00:26:07,759 --> 00:26:14,299
as i remember it was that an acupuncture

606
00:26:11,029 --> 00:26:17,029
study for chemo where they had people to

607
00:26:14,299 --> 00:26:18,139
keep a diary they got chemo they kept it

608
00:26:17,029 --> 00:26:19,778
out of their nausea and vomiting and

609
00:26:18,140 --> 00:26:22,719
they got acupuncture and they kept it

610
00:26:19,778 --> 00:26:25,450
a diary other dodge and vomiting and

611
00:26:22,719 --> 00:26:26,409
they also ha this is right they all said

612
00:26:25,450 --> 00:26:28,389
that they got better with the

613
00:26:26,409 --> 00:26:31,950

acupuncture you look at their Diaries

614

00:26:28,388 --> 00:26:34,319

mmm no change mmm my other favorite is

615

00:26:31,950 --> 00:26:36,788

especially no I'm in my 50s is

616

00:26:34,319 --> 00:26:38,408

prosthetic hypertrophy so you get a big

617

00:26:36,788 --> 00:26:42,700

prostate we can't pee so they put people

618

00:26:38,409 --> 00:26:45,070

on on saw palmetto versus placebo both

619

00:26:42,700 --> 00:26:46,659

group said that they got better but they

620

00:26:45,069 --> 00:26:48,939

were measuring how hard they could pee

621

00:26:46,659 --> 00:26:51,039

you got an objective end point nobody

622

00:26:48,940 --> 00:26:53,399

changed through urodynamics and so if

623

00:26:51,038 --> 00:26:57,848

somebody tells you that they're better

624

00:26:53,398 --> 00:27:00,338

are they well that's an interesting

625

00:26:57,848 --> 00:27:03,069

philosophical question my other favorite

626

00:27:00,338 --> 00:27:05,739

is uh everyone seemed penn & teller's

627

00:27:03,069 --> 00:27:08,319

and the magnet one where they

628
00:27:05,739 --> 00:27:10,509
bend a downspout into the shape of a

629
00:27:08,319 --> 00:27:11,678
magnet and they paint it like a magnet

630
00:27:10,509 --> 00:27:14,019
and they hold it up to this lady's

631
00:27:11,679 --> 00:27:16,149
arthritic hand and she goes yeah it's

632
00:27:14,019 --> 00:27:17,919
better you know people tell you what you

633
00:27:16,148 --> 00:27:19,538
want to hear I don't think there's any

634
00:27:17,919 --> 00:27:22,330
placebo effect whatsoever I mean it's

635
00:27:19,538 --> 00:27:23,618
absolutely no effect it goes anything I

636
00:27:22,329 --> 00:27:26,138
mean when it comes to things like this

637
00:27:23,618 --> 00:27:28,358
is the the classic one is well at

638
00:27:26,138 --> 00:27:30,248
homeopathy is a lot is but it works on

639
00:27:28,358 --> 00:27:32,710
animals and children therefore it's real

640
00:27:30,249 --> 00:27:35,558
but that is really the placebo effect on

641
00:27:32,710 --> 00:27:37,149
the person observing the animal of the

642

00:27:35,558 --> 00:27:39,668

short child isn't it yeah I forget

643

00:27:37,148 --> 00:27:42,098

there's a nice article on placebo effect

644

00:27:39,669 --> 00:27:45,489

in animals on spm blanket on the guys

645

00:27:42,098 --> 00:27:47,888

name who wrote it he's a veterinarian oh

646

00:27:45,489 --> 00:27:50,710

yeah that's an excellent review but

647

00:27:47,888 --> 00:27:53,678

again is you're getting it fed through

648

00:27:50,710 --> 00:27:56,919

the lens as it were of the dog owner or

649

00:27:53,679 --> 00:27:59,830

the parent and you know how they report

650

00:27:56,919 --> 00:28:03,820

it you'd like to have an objective

651

00:27:59,829 --> 00:28:05,439

endpoint you know as Fineman said the

652

00:28:03,819 --> 00:28:08,588

whole purpose of studies is to try not

653

00:28:05,440 --> 00:28:11,349

to fool yourself and most people are

654

00:28:08,588 --> 00:28:12,940

spending the time fooling themselves is

655

00:28:11,348 --> 00:28:16,148

there any benefit instead of trying to

656

00:28:12,940 --> 00:28:18,700
harness these effects to perhaps improve

657
00:28:16,148 --> 00:28:21,718
the outcomes of your patients even if

658
00:28:18,700 --> 00:28:23,889
that little additional bit is placebo

659
00:28:21,719 --> 00:28:25,960
that's an interesting and all that

660
00:28:23,888 --> 00:28:27,488
giving it I feel like Bill Clinton it

661
00:28:25,960 --> 00:28:29,950
all depends on what the definition of is

662
00:28:27,489 --> 00:28:30,309
is it opens now you gotta find what you

663
00:28:29,950 --> 00:28:33,390
can

664
00:28:30,309 --> 00:28:36,399
to be a placebo intervention I mean

665
00:28:33,390 --> 00:28:39,790
patient physician interactions is a

666
00:28:36,400 --> 00:28:41,830
complex relationship and I know when I

667
00:28:39,789 --> 00:28:44,049
walk into a patient's room that how I

668
00:28:41,829 --> 00:28:46,689
say things and what I say and how I

669
00:28:44,049 --> 00:28:49,690
present it has a lot of power to

670
00:28:46,690 --> 00:28:51,759

motivate them or D motivate them to get

671

00:28:49,690 --> 00:28:55,360

them the up and about and moving or not

672

00:28:51,759 --> 00:28:59,170

and I you can't ever lie to patients

673

00:28:55,359 --> 00:29:01,089

that is verboten I mean but you there's

674

00:28:59,170 --> 00:29:02,289

a lot of ways you can tell the truth you

675

00:29:01,089 --> 00:29:03,819

can tell them you have a fifty percent

676

00:29:02,289 --> 00:29:06,849

chance of failing or fifty percent

677

00:29:03,819 --> 00:29:07,899

chance of getting better I'm gonna tell

678

00:29:06,849 --> 00:29:10,089

me up a percent chance of getting better

679

00:29:07,900 --> 00:29:12,640

if I think the patient's looking better

680

00:29:10,089 --> 00:29:14,259

I always tell them you're looking good

681

00:29:12,640 --> 00:29:16,780

today there's some there's someone there

682

00:29:14,259 --> 00:29:18,789

you look good you know get out and start

683

00:29:16,779 --> 00:29:21,009

walking you get out of here soon I try

684

00:29:18,789 --> 00:29:23,049

to be enthusiastic I upbeat with the

685
00:29:21,009 --> 00:29:25,539
patients as appropriate and is that a

686
00:29:23,049 --> 00:29:28,809
placebo effect probably am I harnessing

687
00:29:25,539 --> 00:29:30,970
the patient's belief in me and the

688
00:29:28,809 --> 00:29:33,279
system and the interaction to get them

689
00:29:30,970 --> 00:29:35,110
better yeah you got to do that sort of

690
00:29:33,279 --> 00:29:36,009
stuff but you can't give someone a pill

691
00:29:35,109 --> 00:29:38,019
and say you're going to be better to

692
00:29:36,009 --> 00:29:40,359
take this one is going to do nothing and

693
00:29:38,019 --> 00:29:42,879
if pain is a unique thing because

694
00:29:40,359 --> 00:29:46,949
there's a huge in the biz we call it a

695
00:29:42,880 --> 00:29:50,170
super tutorial component there's a big

696
00:29:46,950 --> 00:29:53,740
psychological emotional component with

697
00:29:50,170 --> 00:29:55,720
pain and if you've ever had pain and

698
00:29:53,740 --> 00:29:57,670
I've had a lot in my day you know it

699
00:29:55,720 --> 00:29:59,710
hurts more at eleven at night when

700
00:29:57,670 --> 00:30:01,029
you're lying in bed that it doesn't 11

701
00:29:59,710 --> 00:30:03,279
in the afternoon when you're busy at

702
00:30:01,029 --> 00:30:06,879
work you know if you're tired you heard

703
00:30:03,279 --> 00:30:08,619
more than if you not tired that and

704
00:30:06,880 --> 00:30:11,920
there's a lot of psychological / light

705
00:30:08,619 --> 00:30:13,899
the pain that is not that makes it more

706
00:30:11,920 --> 00:30:15,820
difficult to interpret so yeah you can

707
00:30:13,900 --> 00:30:16,900
counsel them you're going to get placebo

708
00:30:15,819 --> 00:30:17,889
and your paints going to get better and

709
00:30:16,900 --> 00:30:21,280
I believe that because you're going to

710
00:30:17,890 --> 00:30:24,070
relieve the psychological overlay to the

711
00:30:21,279 --> 00:30:25,960
pain which makes it very any olivia is

712
00:30:24,069 --> 00:30:28,240
always weird you'll see somebody who who

713

00:30:25,960 --> 00:30:30,370
is passing a kidney stone which has to

714
00:30:28,240 --> 00:30:31,839
be the worst pain ever sorry to all the

715
00:30:30,369 --> 00:30:35,679
women out there who say it's childbirth

716
00:30:31,839 --> 00:30:38,529
haha childbirth is number two no I'm not

717
00:30:35,680 --> 00:30:40,080
asking any stolen or not that's a child

718
00:30:38,529 --> 00:30:43,048
email him not me yeah

719
00:30:40,079 --> 00:30:44,609
so the cutie stone just looks worse and

720
00:30:43,048 --> 00:30:46,019
I would love to hear from anybody that's

721
00:30:44,609 --> 00:30:49,528
both paths two kidneys don't an had a

722
00:30:46,019 --> 00:30:51,089
child let's see what they said but would

723
00:30:49,528 --> 00:30:53,038
you say I don't need anything and other

724
00:30:51,089 --> 00:30:54,720
people who stub their toe and just act

725
00:30:53,038 --> 00:30:57,089
like you know then can I have some

726
00:30:54,720 --> 00:30:59,000
dilaudid for it I mean the the ability

727
00:30:57,089 --> 00:31:02,009

for people to deal of pain is

728

00:30:59,000 --> 00:31:03,990

interesting in its variety so there's a

729

00:31:02,009 --> 00:31:06,750

huge psychological and you get secondary

730

00:31:03,990 --> 00:31:07,919

gain from some people like narcotics so

731

00:31:06,750 --> 00:31:10,349

they'll play up the pain for the

732

00:31:07,919 --> 00:31:12,600

narcotics so don't I just want to finish

733

00:31:10,349 --> 00:31:14,519

up by asking you a question about on the

734

00:31:12,599 --> 00:31:16,259

topic of antidepressants and they cop a

735

00:31:14,519 --> 00:31:18,538

lot of criticism for purely being based

736

00:31:16,259 --> 00:31:20,460

on placebo or for having a large amount

737

00:31:18,538 --> 00:31:22,079

of their effect is placebo but when

738

00:31:20,460 --> 00:31:25,230

we're talking about subjective things

739

00:31:22,079 --> 00:31:27,599

and one and I guess depression is not

740

00:31:25,230 --> 00:31:28,829

necessarily a psychological illness in

741

00:31:27,599 --> 00:31:32,849

all cases I mean there is some evidence

742
00:31:28,829 --> 00:31:35,398
or biochemical balances but gee I mean

743
00:31:32,849 --> 00:31:37,230
big farmer often criticized for that

744
00:31:35,398 --> 00:31:38,518
because you know there's some evidence I

745
00:31:37,230 --> 00:31:40,589
up to forty to sixty percent of that

746
00:31:38,519 --> 00:31:42,990
effect is placebo but we can't really

747
00:31:40,589 --> 00:31:44,699
avoid that when it comes to that kind of

748
00:31:42,990 --> 00:31:47,190
issue can we know there's always going

749
00:31:44,700 --> 00:31:50,850
to do with illnesses a psychological

750
00:31:47,190 --> 00:31:53,038
component and depression is one of those

751
00:31:50,849 --> 00:31:55,709
and you're going to get those effects

752
00:31:53,038 --> 00:31:57,808
and the natural history of disease you

753
00:31:55,710 --> 00:31:59,370
know all of the three most dangerous

754
00:31:57,808 --> 00:32:01,379
words in medicine or in my experience

755
00:31:59,369 --> 00:32:02,928
but we all have the experience of people

756
00:32:01,380 --> 00:32:05,519
whose lives have been turned around

757
00:32:02,929 --> 00:32:07,980
rapidly by antidepressants warhead

758
00:32:05,519 --> 00:32:09,599
refractory depression for there's a

759
00:32:07,980 --> 00:32:11,519
horrible disease for those who suffer

760
00:32:09,599 --> 00:32:12,569
from it and you know studies are never

761
00:32:11,519 --> 00:32:14,638
as good as when they're published

762
00:32:12,569 --> 00:32:16,230
anybody as a clinician knows that I mean

763
00:32:14,638 --> 00:32:17,668
they talk about it oh there's been a

764
00:32:16,230 --> 00:32:20,278
brouhaha lightly about the decline

765
00:32:17,669 --> 00:32:22,409
effects you know but if you practice

766
00:32:20,278 --> 00:32:23,970
medicine you realize my rule of thumb is

767
00:32:22,409 --> 00:32:25,710
always the drugs are only half as good

768
00:32:23,970 --> 00:32:27,929
as the published studies in the real

769
00:32:25,710 --> 00:32:29,669
world you don't have all the bias and

770

00:32:27,929 --> 00:32:31,889
this patient selection all things that

771
00:32:29,669 --> 00:32:33,149
go into developing a perfect trial in

772
00:32:31,888 --> 00:32:34,979
the real world everything works about

773
00:32:33,148 --> 00:32:38,129
half as good as the published stuff and

774
00:32:34,980 --> 00:32:40,139
so since you think about that for most

775
00:32:38,130 --> 00:32:41,730
scams they have barely any effect at all

776
00:32:40,138 --> 00:32:43,319
so if they're half as good as barely

777
00:32:41,730 --> 00:32:45,089
there probably sliding over into the

778
00:32:43,319 --> 00:32:45,679
negative in terms of any effect they're

779
00:32:45,089 --> 00:32:47,029
going to have them

780
00:32:45,680 --> 00:32:48,799
well the part causing disease rather

781
00:32:47,029 --> 00:32:50,089
than treating it yeah that's not true

782
00:32:48,799 --> 00:32:52,129
because my Nana who lives down the road

783
00:32:50,089 --> 00:32:54,439
from my friend told my dog's brother

784
00:32:52,130 --> 00:32:55,790

that it works therefore it works just

785

00:32:54,440 --> 00:32:57,320
good enough for me yeah it's a

786

00:32:55,789 --> 00:33:01,759
testimonial right there for you Mike

787

00:32:57,319 --> 00:33:04,730
Christmas yeah talking dog guys target

788

00:33:01,759 --> 00:33:08,269
dogs and unicorn farts see you let

789

00:33:04,730 --> 00:33:09,920
something yeah yeah yeah well mark

790

00:33:08,269 --> 00:33:11,359
thanks very much for joining us today I

791

00:33:09,920 --> 00:33:13,070
was getting going and I look forward to

792

00:33:11,359 --> 00:33:14,929
the panel on Saturday where can a

793

00:33:13,069 --> 00:33:17,210
license find out more about you and your

794

00:33:14,930 --> 00:33:20,000
podcast my website is more marked

795

00:33:17,210 --> 00:33:23,210
squarespace com and in my podcasts are

796

00:33:20,000 --> 00:33:24,950
on three of them are on itunes and then

797

00:33:23,210 --> 00:33:26,450
I write for science-based medicine and

798

00:33:24,950 --> 00:33:28,970
the infectious disease blogger for

799
00:33:26,450 --> 00:33:32,809
medscape he does that make the skill by

800
00:33:28,970 --> 00:33:34,940
right from sk oh I'm a Smith

801
00:33:32,809 --> 00:33:39,279
skype yo man national energy to help no

802
00:33:34,940 --> 00:33:46,880
as ask it's an old god I'm Michelle I

803
00:33:39,279 --> 00:33:50,210
Rochelle Oh official kiss you oh my god

804
00:33:46,880 --> 00:33:54,140
Oh second is it second hand showing but

805
00:33:50,210 --> 00:33:56,120
I was shown the world oh I'm sorry God

806
00:33:54,140 --> 00:33:57,800
kill myself didn't please don't please

807
00:33:56,119 --> 00:34:01,849
I've got to the turn of the opening

808
00:33:57,799 --> 00:34:04,819
function of Terran I wouldn't be Parma

809
00:34:01,849 --> 00:34:07,089
shield sure okay thanks for joining us

810
00:34:04,819 --> 00:34:07,089
mark

811
00:34:15,860 --> 00:34:22,110
hi this is scary papi i am ross Fletcher

812
00:34:19,619 --> 00:34:25,559
okay Ross hey we're from a podcast

813
00:34:22,110 --> 00:34:27,300
called oh no Ross and Carrie we find out

814
00:34:25,559 --> 00:34:28,679
what happens when you show up and ask

815
00:34:27,300 --> 00:34:30,929
questions we've hung out with the

816
00:34:28,679 --> 00:34:33,510
Cabalists the Mormons we've gone and

817
00:34:30,929 --> 00:34:35,940
gotten ear candle gone to the Sikhs we

818
00:34:33,510 --> 00:34:37,560
show up so you don't have to so find out

819
00:34:35,940 --> 00:34:39,659
where we're going next we'll even have

820
00:34:37,559 --> 00:34:42,090
special episodes where we have famous

821
00:34:39,659 --> 00:34:44,069
guests like Brian Dalton from mr. deity

822
00:34:42,090 --> 00:34:46,110
you heard that awesome theme music he

823
00:34:44,070 --> 00:34:50,280
wrote that you should come visit us at

824
00:34:46,110 --> 00:34:53,070
Oh No podcast.com or facebook.com slash

825
00:34:50,280 --> 00:34:57,180
on rack what the hell's honor a cross Oh

826
00:34:53,070 --> 00:35:01,100
in RAC oh oh no Ross and Carrie that's

827

00:34:57,179 --> 00:35:01,099
our show that's a smart come join us

828
00:35:03,320 --> 00:35:11,000
here's my not spooky action at the

829
00:35:08,519 --> 00:35:11,000
distance

830
00:35:11,818 --> 00:35:15,969
may not hear reporting for the skeptic

831
00:35:14,409 --> 00:35:17,348
zone tonight because I want to find out

832
00:35:15,969 --> 00:35:19,480
from two of the performers that about to

833
00:35:17,349 --> 00:35:21,460
go on why do you think skeptics and

834
00:35:19,480 --> 00:35:22,990
atheists get such a bad rap for not

835
00:35:21,460 --> 00:35:24,099
being party people and being dull which

836
00:35:22,989 --> 00:35:26,229
is part of the reason they wanted to put

837
00:35:24,099 --> 00:35:28,359
this on tonight Matt you first mate as

838
00:35:26,230 --> 00:35:30,519
well I think it's probably just because

839
00:35:28,358 --> 00:35:33,308
there's not an awful lot of exposure to

840
00:35:30,519 --> 00:35:35,769
atheism in mainstream culture so it's

841
00:35:33,309 --> 00:35:37,329

it's only a fairly narrow minded

842

00:35:35,769 --> 00:35:39,460

stereotypical view that would create

843

00:35:37,329 --> 00:35:40,839

that I think if you actually saw what

844

00:35:39,460 --> 00:35:43,568

was happening in here you'd see a lot of

845

00:35:40,838 --> 00:35:46,719

people enjoying themselves so it's that

846

00:35:43,568 --> 00:35:48,548

just comes from a lack of awareness I

847

00:35:46,719 --> 00:35:50,078

suppose yeah I mean they tend to get a

848

00:35:48,548 --> 00:35:52,028

reputation around the campus as being

849

00:35:50,079 --> 00:35:53,349

the Nerds for some reason although most

850

00:35:52,028 --> 00:35:55,539

of them don't do the scientist there's

851

00:35:53,349 --> 00:35:56,890

just as many in the arts yeah to be

852

00:35:55,539 --> 00:35:59,799

honest I wouldn't know that much about

853

00:35:56,889 --> 00:36:01,358

that I'm never been a student so that's

854

00:35:59,798 --> 00:36:03,429

probably not my place to comment on it

855

00:36:01,358 --> 00:36:06,308

but I don't know I've got made to a

856
00:36:03,429 --> 00:36:08,409
nerds and they're hilarious so I don't

857
00:36:06,309 --> 00:36:11,440
see what being intelligent and

858
00:36:08,409 --> 00:36:13,000
articulate has to do with having fun and

859
00:36:11,440 --> 00:36:14,619
cool so you're the warm-up back so what

860
00:36:13,000 --> 00:36:16,630
sort of you know you've got Simon here

861
00:36:14,619 --> 00:36:17,710
now you obviously can't do too good well

862
00:36:16,630 --> 00:36:19,480
she gonna make someone look bad so

863
00:36:17,710 --> 00:36:21,730
what's going through your head right now

864
00:36:19,480 --> 00:36:24,699
minutes before the crucial processing on

865
00:36:21,730 --> 00:36:26,528
to the threshold of the stage absolutely

866
00:36:24,699 --> 00:36:28,960
nothing I try not to think before I go

867
00:36:26,528 --> 00:36:31,510
on stage let's just go out and do it and

868
00:36:28,960 --> 00:36:32,798
enjoy it it was that what style about

869
00:36:31,510 --> 00:36:34,089
comedy will be doing tonight

870
00:36:32,798 --> 00:36:37,298
unfortunately I haven't heard you

871
00:36:34,088 --> 00:36:40,719
perform before so I'm I would describe

872
00:36:37,298 --> 00:36:43,179
myself as a surrealist / absurdist it's

873
00:36:40,719 --> 00:36:44,769
it's out there does that mean a lot of

874
00:36:43,179 --> 00:36:47,108
stuff free wheels on stage and your head

875
00:36:44,769 --> 00:36:49,269
a lot of stuff is made up on stage it

876
00:36:47,108 --> 00:36:51,159
depends on the audience if if people are

877
00:36:49,269 --> 00:36:53,858
willing to interact with me I'm always

878
00:36:51,159 --> 00:36:55,269
happy to be in the back but if every day

879
00:36:53,858 --> 00:36:57,130
and then you get a crowd he just wants

880
00:36:55,269 --> 00:36:58,538
to sit in here punchlines and I'm happy

881
00:36:57,130 --> 00:37:00,338
to give them to him so just say what

882
00:36:58,539 --> 00:37:02,440
happens I suppose we'll have a good time

883
00:37:00,338 --> 00:37:04,328
up there cheers man I look at the other

884

00:37:02,440 --> 00:37:05,559
non nervous looking person normally arms

885
00:37:04,329 --> 00:37:07,420
nervous as hell before I go on and do

886
00:37:05,559 --> 00:37:09,069
anything so Simon why you so relax it

887
00:37:07,420 --> 00:37:10,450
and he's relaxed to you like it goes on

888
00:37:09,068 --> 00:37:12,130
opium or something what's happening here

889
00:37:10,449 --> 00:37:13,960
no we're just hanging out I'm you know

890
00:37:12,130 --> 00:37:15,930
been doing this for a while and someone

891
00:37:13,960 --> 00:37:19,019
said do get stage fright I go no I get

892
00:37:15,929 --> 00:37:20,579
stage cravings like I most of my life is

893
00:37:19,019 --> 00:37:23,429
dedicated to trying to get more stage

894
00:37:20,579 --> 00:37:25,829
time so this is what I'm about so I mean

895
00:37:23,429 --> 00:37:27,779
I'm enjoying the anticipation and when

896
00:37:25,829 --> 00:37:30,299
I'm up there I'm enjoying it as well now

897
00:37:27,780 --> 00:37:32,760
look Rob viously a funny guy a guy like

898
00:37:30,300 --> 00:37:34,920

who is a comedian and people said oh

899

00:37:32,760 --> 00:37:37,440

there's an atheist skeptical comic

900

00:37:34,920 --> 00:37:39,119

coming I think that that's great but I

901

00:37:37,440 --> 00:37:40,860

mean do you really need those labels I

902

00:37:39,119 --> 00:37:42,359

mean to me you just seemed like a really

903

00:37:40,860 --> 00:37:45,570

interesting guy does great word play

904

00:37:42,360 --> 00:37:49,019

from your website well the labels can be

905

00:37:45,570 --> 00:37:53,430

helpful in one sense because when i was

906

00:37:49,019 --> 00:37:55,199

first finding my voices as far as

907

00:37:53,429 --> 00:37:58,500

expressing my beliefs in my thoughts

908

00:37:55,199 --> 00:38:01,019

when I was about 18 19 it was important

909

00:37:58,500 --> 00:38:03,090

for me to know that they were validated

910

00:38:01,019 --> 00:38:05,759

by a body of people like skeptics an

911

00:38:03,090 --> 00:38:08,460

atheist so that did help but beyond that

912

00:38:05,760 --> 00:38:10,500

I just wanted to be positive about what

913

00:38:08,460 --> 00:38:13,679

I do life and what I do believe in and

914

00:38:10,500 --> 00:38:15,809

that's I'm them big psychology person so

915

00:38:13,679 --> 00:38:17,909

what I want to see is I want to see

916

00:38:15,809 --> 00:38:20,489

comedy about psychology and about people

917

00:38:17,909 --> 00:38:22,199

and about interesting things so I write

918

00:38:20,489 --> 00:38:25,049

the show that I would want to see and

919

00:38:22,199 --> 00:38:26,849

that's just my philosophy that if I

920

00:38:25,050 --> 00:38:28,590

write what I would want to see hopefully

921

00:38:26,849 --> 00:38:30,929

there's an audience out there who does

922

00:38:28,590 --> 00:38:33,750

too and generally that sort of open

923

00:38:30,929 --> 00:38:35,509

overlaps with the atheist societies in

924

00:38:33,750 --> 00:38:37,849

the skeptic societies

925

00:38:35,510 --> 00:38:39,320

now your new shows called 10 things are

926

00:38:37,849 --> 00:38:42,019

no value is that correct that is correct

927
00:38:39,320 --> 00:38:43,700
why only 10 I mean anything to do with

928
00:38:42,019 --> 00:38:45,409
psychology will tell you there that you

929
00:38:43,699 --> 00:38:48,289
open the book of psychological illnesses

930
00:38:45,409 --> 00:38:50,449
there's a lot more than 10 sure is and a

931
00:38:48,289 --> 00:38:54,619
lot more coming what's my favorite new

932
00:38:50,449 --> 00:38:56,329
one I orthorexia nervosa that's my

933
00:38:54,619 --> 00:38:58,190
favorite new one that's the unhealthy

934
00:38:56,329 --> 00:38:59,750
obsession with healthy eating that means

935
00:38:58,190 --> 00:39:01,220
you'll you'll eat a carrot and if you

936
00:38:59,750 --> 00:39:02,599
don't take that carrot to work you will

937
00:39:01,219 --> 00:39:04,399
eat nothing until you get home except

938
00:39:02,599 --> 00:39:05,599
maybe elite I've made pies on the way

939
00:39:04,400 --> 00:39:09,079
home because she didn't take the carrot

940
00:39:05,599 --> 00:39:10,880
the irony is beautiful it's there are

941

00:39:09,079 --> 00:39:13,039
way more than 10 things but when you

942
00:39:10,880 --> 00:39:15,920
want to package a show and it's a

943
00:39:13,039 --> 00:39:17,989
50-minute show for fringe festival you

944
00:39:15,920 --> 00:39:20,900
package the show and you say what at one

945
00:39:17,989 --> 00:39:23,000
of my 10 highlights and what am I most

946
00:39:20,900 --> 00:39:24,230
excited about and then if you sort of

947
00:39:23,000 --> 00:39:25,550
plant that seed with the audience and

948
00:39:24,230 --> 00:39:26,780
they'll go out and they'll get excited

949
00:39:25,550 --> 00:39:29,390
too and they'll go explore the the

950
00:39:26,780 --> 00:39:31,730
millions of exciting things that that

951
00:39:29,389 --> 00:39:33,769
that the mind holds now big business for

952
00:39:31,730 --> 00:39:36,289
a skeptical podcast is there any kind of

953
00:39:33,769 --> 00:39:38,090
whoo is there any kind of illogic that

954
00:39:36,289 --> 00:39:40,190
annoys you the most for some people it's

955
00:39:38,090 --> 00:39:41,990

astrology of course a lot of people hate

956

00:39:40,190 --> 00:39:44,300

the anti-vaxxers of course what's the

957

00:39:41,989 --> 00:39:46,609

one that really annoys you the most well

958

00:39:44,300 --> 00:39:50,150

I don't actually focus on them I suppose

959

00:39:46,610 --> 00:39:53,120

when I was 18 and 19 they it was just

960

00:39:50,150 --> 00:39:54,950

everything it was just the the style of

961

00:39:53,119 --> 00:39:57,529

thinking of believing without a good

962

00:39:54,949 --> 00:39:59,149

reason that approach to thinking was

963

00:39:57,530 --> 00:40:01,400

something that annoyed me but now I just

964

00:39:59,150 --> 00:40:04,160

focus my energy on the things that are

965

00:40:01,400 --> 00:40:06,019

positive to me on on learning and

966

00:40:04,159 --> 00:40:08,299

discovery and I think there's an

967

00:40:06,019 --> 00:40:10,730

excitement of there comes from

968

00:40:08,300 --> 00:40:12,200

exploration and trying to understand the

969

00:40:10,730 --> 00:40:14,840

world and understand yourself so that's

970
00:40:12,199 --> 00:40:18,199
where my focus lies and why do you think

971
00:40:14,840 --> 00:40:19,670
of skeptics almost considered crackpots

972
00:40:18,199 --> 00:40:21,319
with evidence a lot of people feel about

973
00:40:19,670 --> 00:40:22,460
them that way because they're seem like

974
00:40:21,320 --> 00:40:23,630
they're a bit of weird people you don't

975
00:40:22,460 --> 00:40:25,340
want to talk to because they have an

976
00:40:23,630 --> 00:40:27,130
agenda and just because I feel they've

977
00:40:25,340 --> 00:40:29,500
got evidence they're strange

978
00:40:27,130 --> 00:40:31,630
well it's always reacting to the most

979
00:40:29,500 --> 00:40:33,900
extreme in that group so the most

980
00:40:31,630 --> 00:40:37,059
extreme in that group will be very

981
00:40:33,900 --> 00:40:39,730
adamant about at every sin every

982
00:40:37,059 --> 00:40:42,340
situation state all the facts and always

983
00:40:39,730 --> 00:40:45,849
refer to evidence evidence evidence but

984
00:40:42,340 --> 00:40:50,320
I mean that is just the sensational

985
00:40:45,849 --> 00:40:51,610
ization of that group but I bigger the

986
00:40:50,320 --> 00:40:53,559
bigger the group is the more diversity

987
00:40:51,610 --> 00:40:54,970
there is in it hands a lot of people

988
00:40:53,559 --> 00:40:56,079
have been signing up tonight I've

989
00:40:54,969 --> 00:40:57,669
noticed people when they're buying

990
00:40:56,079 --> 00:40:59,619
tickets are signed up and there is

991
00:40:57,670 --> 00:41:01,240
diverse as they get so as you said

992
00:40:59,619 --> 00:41:03,460
earlier they're not necessarily just

993
00:41:01,239 --> 00:41:05,289
science students there you know

994
00:41:03,460 --> 00:41:08,309
economics students and commerce students

995
00:41:05,289 --> 00:41:11,409
and art students because if you

996
00:41:08,309 --> 00:41:12,969
appreciate a style of thought then you

997
00:41:11,409 --> 00:41:15,190
can appreciate what skeptics and

998

00:41:12,969 --> 00:41:16,659
atheists are about it and they seem like

999
00:41:15,190 --> 00:41:17,829
a bunch of people you wouldn't mind

1000
00:41:16,659 --> 00:41:19,659
working to whether it looks like they're

1001
00:41:17,829 --> 00:41:21,849
going to be a fun crowd tonight I think

1002
00:41:19,659 --> 00:41:23,859
so yeah I'm actually quite excited as I

1003
00:41:21,849 --> 00:41:26,079
hear the buzz slowly rise in the room so

1004
00:41:23,860 --> 00:41:27,550
looking forward to it and what are you

1005
00:41:26,079 --> 00:41:28,989
coming up soon are you doing at other

1006
00:41:27,550 --> 00:41:30,370
conferences you've got the fringe

1007
00:41:28,989 --> 00:41:33,279
festival in Melbourne coming up what's

1008
00:41:30,369 --> 00:41:36,009
happening well yes I opened my my brand

1009
00:41:33,280 --> 00:41:38,170
new show in melbourne next week for a

1010
00:41:36,010 --> 00:41:41,140
Melbourne fringe and I've got a lot of

1011
00:41:38,170 --> 00:41:43,599
workshops going on as well a lot of non

1012
00:41:41,139 --> 00:41:45,309

for profit groups find my skill sets

1013

00:41:43,599 --> 00:41:48,009

useful in in the world of entertainment

1014

00:41:45,309 --> 00:41:52,000

so I like to do those as well and that I

1015

00:41:48,010 --> 00:41:54,160

think that's I think that's useful too

1016

00:41:52,000 --> 00:41:58,449

for me I feel I feel useful i feel like

1017

00:41:54,159 --> 00:42:00,129

i've got some utilitarian value it when

1018

00:41:58,449 --> 00:42:01,629

i feel like in contributing to not just

1019

00:42:00,130 --> 00:42:04,000

you know making people laugh i'm

1020

00:42:01,630 --> 00:42:06,070

actually imparting some of my skill set

1021

00:42:04,000 --> 00:42:07,510

to other people and let's get some

1022

00:42:06,070 --> 00:42:08,950

labels going here because you know it's

1023

00:42:07,510 --> 00:42:11,320

all about labels sometimes how would you

1024

00:42:08,949 --> 00:42:13,869

describe your style of comedy I've seen

1025

00:42:11,320 --> 00:42:15,789

you do great wordplay I've seen you

1026

00:42:13,869 --> 00:42:17,380

doing it really twisting rounds and

1027
00:42:15,789 --> 00:42:18,670
funny situations turning them on their

1028
00:42:17,380 --> 00:42:19,990
head how would you describe it for

1029
00:42:18,670 --> 00:42:22,990
people who haven't seen you before I

1030
00:42:19,989 --> 00:42:25,179
suppose I'm very lyrical and I'm very

1031
00:42:22,989 --> 00:42:27,459
logical so if I'm talking about a

1032
00:42:25,179 --> 00:42:29,679
situational I'll break the logic down in

1033
00:42:27,460 --> 00:42:33,519
it and try to explore the ideas behind

1034
00:42:29,679 --> 00:42:36,159
something so I yeah I think lyrical and

1035
00:42:33,519 --> 00:42:37,780
logical are they're not really labels

1036
00:42:36,159 --> 00:42:40,029
but they're the best attitude

1037
00:42:37,780 --> 00:42:42,550
to describe what you will see when you

1038
00:42:40,030 --> 00:42:43,570
watch my show look you get up there or

1039
00:42:42,550 --> 00:42:45,100
get out of your face you have a great

1040
00:42:43,570 --> 00:42:48,309
show tonight is I very much appreciated

1041
00:42:45,099 --> 00:42:49,779
cheers well that may not hit reporting

1042
00:42:48,309 --> 00:42:51,400
for the skipped exam with a few people

1043
00:42:49,780 --> 00:42:52,660
and i'm with brett who was one of the

1044
00:42:51,400 --> 00:42:54,490
people that has tried to organize

1045
00:42:52,659 --> 00:42:56,500
putting this on now basically tonight

1046
00:42:54,489 --> 00:42:57,879
you have tried to prove that atheists

1047
00:42:56,500 --> 00:43:00,730
and skeptics can be party people

1048
00:42:57,880 --> 00:43:02,680
definitely definitely like the whole way

1049
00:43:00,730 --> 00:43:04,780
we're not here to have a go up religion

1050
00:43:02,679 --> 00:43:06,909
tonight we here to talk about the

1051
00:43:04,780 --> 00:43:10,240
positive things that you can experience

1052
00:43:06,909 --> 00:43:13,539
without religion maybe yeah just have a

1053
00:43:10,239 --> 00:43:14,500
lot of fun otherwise okay and look at a

1054
00:43:13,539 --> 00:43:16,210
few of the people here they're going to

1055

00:43:14,500 --> 00:43:17,650
be here these the assistant guy that's

1056
00:43:16,210 --> 00:43:19,720
been organizing this what are you

1057
00:43:17,650 --> 00:43:20,950
expecting to have happen tonight we're

1058
00:43:19,719 --> 00:43:22,809
just hoping everyone we have a good time

1059
00:43:20,949 --> 00:43:25,239
and yeah just got a bit a laugh out of

1060
00:43:22,809 --> 00:43:27,940
it nicely why do you think skeptics get

1061
00:43:25,239 --> 00:43:31,179
such a bad rap is being nerds I suppose

1062
00:43:27,940 --> 00:43:34,510
skepticism is mostly people interpreters

1063
00:43:31,179 --> 00:43:37,569
a negative term mostly because everyone

1064
00:43:34,510 --> 00:43:39,990
seeks to discredit any ideas that people

1065
00:43:37,570 --> 00:43:42,068
might put forward so

1066
00:43:39,989 --> 00:43:43,479
let's have a drink I'll hang on we

1067
00:43:42,068 --> 00:43:45,219
should think about that first is that

1068
00:43:43,480 --> 00:43:46,900
the problem you think they've got it's

1069
00:43:45,219 --> 00:43:48,009

probably a bit extreme but yeah probably

1070

00:43:46,900 --> 00:43:51,369
with something along those lines here

1071

00:43:48,010 --> 00:43:54,130
and why do you think you know skipped it

1072

00:43:51,369 --> 00:43:55,900
to get such a bad rap I suppose it's

1073

00:43:54,130 --> 00:43:58,358
just a stereotype like a lot of

1074

00:43:55,900 --> 00:44:00,940
stereotypes out there and once people

1075

00:43:58,358 --> 00:44:02,769
get an idea and they had then it's hard

1076

00:44:00,940 --> 00:44:04,809
to change the view of a lot of people

1077

00:44:02,769 --> 00:44:07,509
how would you describe the audience's

1078

00:44:04,809 --> 00:44:08,619
here in our they like fantastic food

1079

00:44:07,510 --> 00:44:10,900
group of people that are here to have a

1080

00:44:08,619 --> 00:44:13,539
good time and hopefully get some good

1081

00:44:10,900 --> 00:44:15,608
entertainment and why do you think

1082

00:44:13,539 --> 00:44:19,720
skeptics he had such a bad rap because

1083

00:44:15,608 --> 00:44:24,159
son ISM so special and the Sun rules the

1084
00:44:19,719 --> 00:44:29,230
world and it's the major player in the

1085
00:44:24,159 --> 00:44:31,269
worlds spiritual belief system and if we

1086
00:44:29,230 --> 00:44:33,639
all could believe in the Sun there

1087
00:44:31,269 --> 00:44:36,579
wouldn't be any need for God because God

1088
00:44:33,639 --> 00:44:38,980
stops can I say that even though you

1089
00:44:36,579 --> 00:44:41,470
seem to have a non deist way of thinking

1090
00:44:38,980 --> 00:44:43,809
the burden of proof is a hell of a lot

1091
00:44:41,469 --> 00:44:45,848
on you after saying that I didn't

1092
00:44:43,809 --> 00:44:48,548
understand what you said well the burden

1093
00:44:45,849 --> 00:44:50,950
of proof was Russia proof I the Sun you

1094
00:44:48,548 --> 00:44:54,429
look at the Sun and he see the proof if

1095
00:44:50,949 --> 00:44:58,868
it wasn't there we wouldn't exist

1096
00:44:54,429 --> 00:45:00,549
the sun's the duty of the world now

1097
00:44:58,869 --> 00:45:03,670
Martin I'm tonight's a bit of an atheist

1098
00:45:00,550 --> 00:45:05,260
blowout skeptical comedy night why do

1099
00:45:03,670 --> 00:45:07,030
you think skeptics gets in a bit of a

1100
00:45:05,260 --> 00:45:08,859
bad rap for being party poopers and

1101
00:45:07,030 --> 00:45:11,349
maybe not that much fun I didn't know

1102
00:45:08,858 --> 00:45:13,088
they did well look this is in the

1103
00:45:11,349 --> 00:45:14,650
general community you say you know I'm a

1104
00:45:13,088 --> 00:45:16,119
skeptic and they look at you like what

1105
00:45:14,650 --> 00:45:18,789
what is there something you don't like

1106
00:45:16,119 --> 00:45:20,079
or something here and maybe atheist is

1107
00:45:18,789 --> 00:45:22,150
well going to be a rap like that you

1108
00:45:20,079 --> 00:45:23,829
know yeah look I don't know I'm

1109
00:45:22,150 --> 00:45:24,818
efficient so we get that rap too so

1110
00:45:23,829 --> 00:45:26,800
maybe that's something we've got in

1111
00:45:24,818 --> 00:45:28,808
common well maybe that there's common

1112

00:45:26,800 --> 00:45:30,039
stereotypes of both swords yeah that

1113
00:45:28,809 --> 00:45:31,210
could be right yeah actually could you

1114
00:45:30,039 --> 00:45:33,190
tell me what your favorite book of the

1115
00:45:31,210 --> 00:45:35,500
Bible is because i like i like having a

1116
00:45:33,190 --> 00:45:38,530
chat oh I made look look they're all

1117
00:45:35,500 --> 00:45:40,059
good maybe I'll go with Romans and sets

1118
00:45:38,530 --> 00:45:42,730
out what Christians believe so clearly

1119
00:45:40,059 --> 00:45:43,900
yeah and you do often mix with the

1120
00:45:42,730 --> 00:45:45,010
atheists and have a bit of a chat with

1121
00:45:43,900 --> 00:45:47,170
them yeah we've got a really good

1122
00:45:45,010 --> 00:45:49,150
relationship there's a bunch of us

1123
00:45:47,170 --> 00:45:51,430
Christians who tend to come to events

1124
00:45:49,150 --> 00:45:53,650
the idea society puts on and likewise

1125
00:45:51,429 --> 00:45:54,818
they come on to some of ours and we kept

1126
00:45:53,650 --> 00:45:56,440

up and talk so we've got a good

1127

00:45:54,818 --> 00:45:57,818
relationship this is so cool because

1128

00:45:56,440 --> 00:45:58,960
I've spoken to bread about you guys

1129

00:45:57,818 --> 00:46:00,190
doing this and it's great to actually

1130

00:45:58,960 --> 00:46:02,048
meet one of the guys because I think

1131

00:46:00,190 --> 00:46:03,940
it's great to engage and discuss what

1132

00:46:02,048 --> 00:46:05,710
you think and what you think about what

1133

00:46:03,940 --> 00:46:07,329
other person thinks and if you find that

1134

00:46:05,710 --> 00:46:09,548
a good thing as a Christian I definitely

1135

00:46:07,329 --> 00:46:11,769
absolutely yeah I think we need to I

1136

00:46:09,548 --> 00:46:12,969
mean I think one thing we do have in

1137

00:46:11,769 --> 00:46:15,009
common is we're both interested in the

1138

00:46:12,969 --> 00:46:18,159
question about what life's all about and

1139

00:46:15,010 --> 00:46:19,780
so we can engage in a discussion about

1140

00:46:18,159 --> 00:46:21,429
the big questions in life and I think

1141
00:46:19,780 --> 00:46:22,839
that's important and do you think there

1142
00:46:21,429 --> 00:46:24,969
is any main common ground between

1143
00:46:22,838 --> 00:46:28,328
atheists and theists that's a general

1144
00:46:24,969 --> 00:46:30,730
common ground I think talking to I think

1145
00:46:28,329 --> 00:46:33,670
to say two things of common ground I

1146
00:46:30,730 --> 00:46:35,769
think most of a lot of people i take

1147
00:46:33,670 --> 00:46:38,079
talked to in the Atheist society have a

1148
00:46:35,769 --> 00:46:39,789
similar view of truth to Christians in

1149
00:46:38,079 --> 00:46:41,950
that they believe there is absolute

1150
00:46:39,789 --> 00:46:44,469
truth and that we can find it through

1151
00:46:41,949 --> 00:46:46,389
searching secondly I think another point

1152
00:46:44,469 --> 00:46:47,409
of common ground is that where a lot of

1153
00:46:46,389 --> 00:46:49,328
guys in the eighth in society are

1154
00:46:47,409 --> 00:46:51,608
interested in the question whereas I

1155
00:46:49,329 --> 00:46:53,710
think maybe there are many people

1156
00:46:51,608 --> 00:46:55,239
students at uni or just in society in

1157
00:46:53,710 --> 00:46:58,298
general who are quite apathetic about

1158
00:46:55,239 --> 00:46:59,679
even asking what's what are we here for

1159
00:46:58,298 --> 00:47:03,489
what's life about

1160
00:46:59,679 --> 00:47:04,719
yeah so I think it's time for laughs

1161
00:47:03,489 --> 00:47:06,219
about having some laughs and I'd so

1162
00:47:04,719 --> 00:47:10,919
enjoy yourself so thanks very much shake

1163
00:47:06,219 --> 00:47:10,919
it please welcome to the stage that me

1164
00:47:16,260 --> 00:47:22,240
good evening ladies and gentlemen my

1165
00:47:19,449 --> 00:47:27,399
name is Manny be part-time comedian

1166
00:47:22,239 --> 00:47:31,358
full-time taxidermy enthusiast it's nice

1167
00:47:27,400 --> 00:47:34,869
to be here actually have this little

1168
00:47:31,358 --> 00:47:37,210
ambition in comedy to to walk out onto

1169

00:47:34,869 --> 00:47:39,940
the stage and ask the crowd how they're

1170
00:47:37,210 --> 00:47:43,329
going and have everyone reply just in

1171
00:47:39,940 --> 00:47:44,800
unison Maddie we're going great in fact

1172
00:47:43,329 --> 00:47:46,210
we're having such a good night that

1173
00:47:44,800 --> 00:47:48,160
afterwards where we're going to chip in

1174
00:47:46,210 --> 00:47:49,690
and construct the 12-foot origami funny

1175
00:47:48,159 --> 00:47:51,960
bone in commemoration of tonight's

1176
00:47:49,690 --> 00:47:51,960
proceedings

1177
00:47:55,920 --> 00:48:20,548
I didn't even hear that what I'm going

1178
00:47:59,099 --> 00:48:22,920
to shoot it's funny hello Newcastle oh

1179
00:48:20,548 --> 00:48:25,289
how the old you represent New Castle

1180
00:48:22,920 --> 00:48:26,880
Rock their ambassadors right at the

1181
00:48:25,289 --> 00:48:29,789
front good to see you alone we're

1182
00:48:26,880 --> 00:48:32,280
excited I'm going to silence you with my

1183
00:48:29,789 --> 00:48:33,929

up good to see hello everyone this is

1184

00:48:32,280 --> 00:48:36,030

nice thank you for having me I've got

1185

00:48:33,929 --> 00:48:37,710

such a good feeling about this I've got

1186

00:48:36,030 --> 00:48:38,780

such a good feeling in my uterus right

1187

00:48:37,710 --> 00:48:41,338

now we're going to have a wonderful

1188

00:48:38,780 --> 00:48:42,780

wonderful night I've been traveling a

1189

00:48:41,338 --> 00:48:45,389

lot actually I'm pleased to be in

1190

00:48:42,780 --> 00:48:47,579

Newcastle I was been doing cruise ships

1191

00:48:45,389 --> 00:48:50,159

around australia i was on the Princess

1192

00:48:47,579 --> 00:48:52,260

dawn sends it all sounds exciting

1193

00:48:50,159 --> 00:48:54,298

doesn't the Princess dawn luxury cruise

1194

00:48:52,260 --> 00:48:59,280

ship it takes you to strange and exotic

1195

00:48:54,298 --> 00:49:00,869

places like I get to Perth they say just

1196

00:48:59,280 --> 00:49:03,298

remember there's three hours behind

1197

00:49:00,869 --> 00:49:08,700

Nolan I got three hours I think you've

1198
00:49:03,298 --> 00:49:10,259
been generous by about in years but i

1199
00:49:08,699 --> 00:49:12,298
had no trouble I thought I got to go to

1200
00:49:10,260 --> 00:49:13,829
some great places when I was at turn

1201
00:49:12,298 --> 00:49:15,358
some of this stuff around I got to go to

1202
00:49:13,829 --> 00:49:18,750
seal for anyone with the singer waters

1203
00:49:15,358 --> 00:49:21,389
meet me at 101 simple feds in their

1204
00:49:18,750 --> 00:49:23,818
house I went to a nightclub in Singapore

1205
00:49:21,389 --> 00:49:26,328
and I got butcher shop because inside

1206
00:49:23,818 --> 00:49:30,389
the nightclub there were 50 year old men

1207
00:49:26,329 --> 00:49:33,720
would 21 year old girlfriends no just

1208
00:49:30,389 --> 00:49:35,548
water wasn't being I'm 23 if I want to

1209
00:49:33,719 --> 00:49:37,818
feel in life to find a girl who's minus

1210
00:49:35,548 --> 00:49:37,818
8

1211
00:49:37,840 --> 00:49:42,250
but it's not appreciating it is everyone

1212
00:49:40,449 --> 00:49:45,099
from Newcastle Gustavo if you're from

1213
00:49:42,250 --> 00:49:46,719
Newcastle born writer what I mean class

1214
00:49:45,099 --> 00:49:50,739
of people I'll give us a look if you're

1215
00:49:46,719 --> 00:49:53,769
not from Newcastle oh wow okay well none

1216
00:49:50,739 --> 00:49:56,109
of you cousin Ben I'm going to be here

1217
00:49:53,769 --> 00:49:58,360
today but so far i can say i love

1218
00:49:56,110 --> 00:50:00,309
Newcastle and that would so much I do

1219
00:49:58,360 --> 00:50:02,470
like your new castle wore a piece of

1220
00:50:00,309 --> 00:50:04,869
chocolate cake I would stuff my face

1221
00:50:02,469 --> 00:50:07,799
with it if Newcastle for a gallant steed

1222
00:50:04,869 --> 00:50:11,230
I cried that bad boy into the sunset

1223
00:50:07,800 --> 00:50:18,120
Newcastle were sexy lady a sexy lady I

1224
00:50:11,230 --> 00:50:18,119
would respect her as I studied feminism

1225
00:50:29,289 --> 00:50:34,400
hey bro oh hey / what's up check it out

1226

00:50:32,449 --> 00:50:36,379
finally a Back to the Future invention

1227
00:50:34,400 --> 00:50:40,579
that has come into existence i present

1228
00:50:36,380 --> 00:50:42,289
to you mahavir ball dude that's a BS

1229
00:50:40,579 --> 00:50:45,440
band skateboard deck from ashy

1230
00:50:42,289 --> 00:50:47,719
skateboard yes escape pod without wheel

1231
00:50:45,440 --> 00:50:50,030
yeah you're supposed to buy your own

1232
00:50:47,719 --> 00:50:51,559
wheels and bolt the law and look it has

1233
00:50:50,030 --> 00:50:54,019
a placebo been right here in the

1234
00:50:51,559 --> 00:50:56,000
packaging that must be what powers it

1235
00:50:54,019 --> 00:50:58,489
what are you on about that's right your

1236
00:50:56,000 --> 00:51:00,588
very own hoverboard and skeptic berserk

1237
00:50:58,489 --> 00:51:02,598
um has one to give away dude a skeptic

1238
00:51:00,588 --> 00:51:04,309
Bros calm and click on the comp tab for

1239
00:51:02,599 --> 00:51:07,579
more detail oh no that's a skateboard

1240
00:51:04,309 --> 00:51:09,469

deck right not a hoverboard it doesn't

1241

00:51:07,579 --> 00:51:11,060

actually fly you could get the car I'll

1242

00:51:09,469 --> 00:51:12,858

get my Michael J on hold on to the

1243

00:51:11,059 --> 00:51:20,809

bumper and float down the freeway sure

1244

00:51:12,858 --> 00:51:23,960

why not that could be fun now it's time

1245

00:51:20,809 --> 00:51:28,730

for dr. Rachel reports with dr. Rachel

1246

00:51:23,960 --> 00:51:31,030

Dunlop hello listeners and welcome to

1247

00:51:28,730 --> 00:51:33,469

another episode of dr. Rachel reports

1248

00:51:31,030 --> 00:51:36,200

well I know that I bang on a lot about

1249

00:51:33,469 --> 00:51:38,239

the TGA but recently I received another

1250

00:51:36,199 --> 00:51:40,759

reason to be eternally frustrated with

1251

00:51:38,239 --> 00:51:42,529

the Australian drug regulator I came

1252

00:51:40,760 --> 00:51:44,390

across an article from Australian doctor

1253

00:51:42,530 --> 00:51:46,670

which described how a complaint against

1254

00:51:44,389 --> 00:51:49,489

the makers of nurofen which is a popular

1255
00:51:46,670 --> 00:51:51,200
painkiller in Australia were directed to

1256
00:51:49,489 --> 00:51:54,019
stop claiming their product could go to

1257
00:51:51,199 --> 00:51:55,279
the site of pain now this is because

1258
00:51:54,019 --> 00:51:57,650
they currently have ads on television

1259
00:51:55,280 --> 00:51:59,829
that make this claim and according to

1260
00:51:57,650 --> 00:52:02,420
the article the makers reckitt benckiser

1261
00:51:59,829 --> 00:52:04,190
Australia proprietary limited was

1262
00:52:02,420 --> 00:52:06,200
ordered by the tj's complaints

1263
00:52:04,190 --> 00:52:07,880
resolution panel to withdraw a

1264
00:52:06,199 --> 00:52:10,338
television advertisement for nurofen

1265
00:52:07,880 --> 00:52:12,108
that claimed the product targeted relief

1266
00:52:10,338 --> 00:52:14,630
from pain and goes straight to the

1267
00:52:12,108 --> 00:52:16,789
source of pain however in a statement

1268
00:52:14,630 --> 00:52:18,200
from reckitt benckiser they said they

1269
00:52:16,789 --> 00:52:20,630
did not agree with a number of the

1270
00:52:18,199 --> 00:52:23,509
sanctions imposed by the TGA panel and

1271
00:52:20,630 --> 00:52:25,369
therefore quote nurofen advises that

1272
00:52:23,510 --> 00:52:27,680
consumers will continue to see the

1273
00:52:25,369 --> 00:52:29,690
familiar branding of the nurofen target

1274
00:52:27,679 --> 00:52:33,949
and messages of nurofen working at the

1275
00:52:29,690 --> 00:52:35,630
site of pain sigh so of course record

1276
00:52:33,949 --> 00:52:37,969
benckiser are by no means the first

1277
00:52:35,630 --> 00:52:40,130
company to essentially flip the bird and

1278
00:52:37,969 --> 00:52:41,779
say get stuffed we'll do what we want to

1279
00:52:40,130 --> 00:52:43,250
the TGA

1280
00:52:41,780 --> 00:52:45,680
indeed today's statement follows a

1281
00:52:43,250 --> 00:52:47,480
damning audit of the TGS management of

1282
00:52:45,679 --> 00:52:49,819
complementary and alternative therapies

1283

00:52:47,480 --> 00:52:51,829
which was released recently and it

1284
00:52:49,820 --> 00:52:53,840
essentially described the TGA as having

1285
00:52:51,829 --> 00:52:56,299
no teeth to enforce rulings against

1286
00:52:53,840 --> 00:52:58,370
companies who do the wrong thing now the

1287
00:52:56,300 --> 00:53:01,070
audit came after a review of a random

1288
00:52:58,369 --> 00:53:02,869
sample of listed products listed meaning

1289
00:53:01,070 --> 00:53:04,940
supplements vitamins homeopathic

1290
00:53:02,869 --> 00:53:07,429
preparations and other products

1291
00:53:04,940 --> 00:53:11,630
classified as low-risk including by the

1292
00:53:07,429 --> 00:53:13,250
way 31 types of ear candles yay now this

1293
00:53:11,630 --> 00:53:15,559
review found over ninety percent of

1294
00:53:13,250 --> 00:53:19,369
products breached the TGA guidelines and

1295
00:53:15,559 --> 00:53:21,650
the review was done in 2009 2010 now the

1296
00:53:19,369 --> 00:53:23,389
one prior to that found that over

1297
00:53:21,650 --> 00:53:25,970

seventy-five percent of products

1298

00:53:23,389 --> 00:53:27,829

breached TGA guidelines so in the last

1299

00:53:25,969 --> 00:53:30,169

five years there has been consistently

1300

00:53:27,829 --> 00:53:32,509

high levels of non-compliance with the

1301

00:53:30,170 --> 00:53:34,519

rules of the TGA so let's look a little

1302

00:53:32,510 --> 00:53:36,830

bit closer at the products that recently

1303

00:53:34,519 --> 00:53:40,070

failed the review out of 31 that were

1304

00:53:36,829 --> 00:53:43,369

randomly selected 22 were found to have

1305

00:53:40,070 --> 00:53:45,440

manufacturing and/or quality issues 20

1306

00:53:43,369 --> 00:53:48,529

had labeling issues or breaches which

1307

00:53:45,440 --> 00:53:50,179

may mislead consumers and 14 did not

1308

00:53:48,530 --> 00:53:53,330

have adequate evidence to substantiate

1309

00:53:50,179 --> 00:53:55,339

claims made about the products so with

1310

00:53:53,329 --> 00:53:58,460

respect to consumer protection this is a

1311

00:53:55,340 --> 00:54:00,230

pretty bad result for the TGA so as a

1312
00:53:58,460 --> 00:54:02,030
result of these failures a significant

1313
00:54:00,230 --> 00:54:03,889
number of products were removed from the

1314
00:54:02,030 --> 00:54:06,080
Australian Government's list of

1315
00:54:03,889 --> 00:54:08,719
therapeutic goods now it is worth noting

1316
00:54:06,079 --> 00:54:11,360
in this case however that nurofen is not

1317
00:54:08,719 --> 00:54:13,309
a listed drug it is a registered drug so

1318
00:54:11,360 --> 00:54:14,750
stricter rules apply when it comes to

1319
00:54:13,309 --> 00:54:17,299
the regulation of what's in it and

1320
00:54:14,750 --> 00:54:19,519
whether it works however advertising

1321
00:54:17,300 --> 00:54:22,130
laws for LN are drugs are essentially

1322
00:54:19,519 --> 00:54:24,079
the same basically you can't make claims

1323
00:54:22,130 --> 00:54:26,750
which you can't substantiate and if you

1324
00:54:24,079 --> 00:54:29,329
do the TGA can order you to remove them

1325
00:54:26,750 --> 00:54:31,010
now whether this be from a website which

1326
00:54:29,329 --> 00:54:32,809
has happened several times now for

1327
00:54:31,010 --> 00:54:34,910
homeopathy plus or a television

1328
00:54:32,809 --> 00:54:37,159
commercial as is the case here with

1329
00:54:34,909 --> 00:54:39,440
nurofen now once a complaint about a

1330
00:54:37,159 --> 00:54:41,239
product is received and by the way the

1331
00:54:39,440 --> 00:54:43,639
TGA relies on consumers to make

1332
00:54:41,239 --> 00:54:45,559
complaints as they are not proactively

1333
00:54:43,639 --> 00:54:48,289
seeking products which breach guidelines

1334
00:54:45,559 --> 00:54:50,029
and if the complaint is upheld the

1335
00:54:48,289 --> 00:54:52,039
company will be directed to remove the

1336
00:54:50,030 --> 00:54:54,380
offending material and or publish our

1337
00:54:52,039 --> 00:54:55,619
disclaimer but it's not used to regular

1338
00:54:54,380 --> 00:54:57,780
listeners of dr. rachel

1339
00:54:55,619 --> 00:54:59,579
ports that for some time now companies

1340

00:54:57,780 --> 00:55:02,010
have been ignoring these directives

1341
00:54:59,579 --> 00:55:04,650
indeed approximately thirty percent of

1342
00:55:02,010 --> 00:55:07,410
companies do and they can because the

1343
00:55:04,650 --> 00:55:10,980
TGA has never in its history enforced

1344
00:55:07,409 --> 00:55:13,349
them ever here's what the audit had to

1345
00:55:10,980 --> 00:55:15,389
say about this due to the very low

1346
00:55:13,349 --> 00:55:17,819
financial penalty is currently available

1347
00:55:15,389 --> 00:55:20,009
a maximum of sixty six hundred dollars

1348
00:55:17,820 --> 00:55:22,050
for individuals and thirty-three

1349
00:55:20,010 --> 00:55:23,970
thousand for corporations for

1350
00:55:22,050 --> 00:55:26,039
advertising offenses in the act and

1351
00:55:23,969 --> 00:55:29,250
other investigative priorities for the

1352
00:55:26,039 --> 00:55:32,070
TGA it is not cost effective for the TGA

1353
00:55:29,250 --> 00:55:34,199
to initiate a formal investigation of an

1354
00:55:32,070 --> 00:55:36,059

advertising breach with a view to

1355

00:55:34,199 --> 00:55:38,309

preparing a brief for evidence for

1356

00:55:36,059 --> 00:55:41,579

consideration of prosecution by the

1357

00:55:38,309 --> 00:55:43,619

director of prosecution it has never

1358

00:55:41,579 --> 00:55:45,929

been cost effective for the TGA to

1359

00:55:43,619 --> 00:55:48,029

initiate a formal investigation of an

1360

00:55:45,929 --> 00:55:51,569

advertising breach with a view to

1361

00:55:48,030 --> 00:55:53,700

preparing a brief of evidence so in

1362

00:55:51,570 --> 00:55:55,980

other words the cost of prosecuting a

1363

00:55:53,699 --> 00:55:58,739

company outweighs the fine so it's not

1364

00:55:55,980 --> 00:56:00,210

worth it and it's never been done this

1365

00:55:58,739 --> 00:56:02,369

of course makes the TGA the

1366

00:56:00,210 --> 00:56:04,199

laughingstock of drug manufacturers if

1367

00:56:02,369 --> 00:56:06,119

you read between the lines of the neuro

1368

00:56:04,199 --> 00:56:09,079

friend press release you can see it loud

1369
00:56:06,119 --> 00:56:11,519
and clear let me remind you what it said

1370
00:56:09,079 --> 00:56:13,739
nurofen advises that consumers will

1371
00:56:11,519 --> 00:56:15,840
continue to see the familiar branding of

1372
00:56:13,739 --> 00:56:18,839
the nura fan target and messages of

1373
00:56:15,840 --> 00:56:20,910
nurofen working at the site of pain well

1374
00:56:18,840 --> 00:56:22,470
of course they will I mean thirty three

1375
00:56:20,909 --> 00:56:24,899
thousand dollars is a pittance for a

1376
00:56:22,469 --> 00:56:26,250
large pharma company anyway it's

1377
00:56:24,900 --> 00:56:28,050
laughable to think this would be a

1378
00:56:26,250 --> 00:56:30,179
deterrent to making some claims and

1379
00:56:28,050 --> 00:56:32,970
might not be quite right but sound

1380
00:56:30,179 --> 00:56:35,069
pretty good in marketing terms to go

1381
00:56:32,969 --> 00:56:37,500
back to the tj's findings about reckitt

1382
00:56:35,070 --> 00:56:40,830
benckiser the complaint resolution panel

1383
00:56:37,500 --> 00:56:42,420
found that quote reasonable consumers

1384
00:56:40,829 --> 00:56:44,130
would conclude that the active

1385
00:56:42,420 --> 00:56:45,780
components of the product travelled

1386
00:56:44,130 --> 00:56:48,390
specifically to areas of the body

1387
00:56:45,780 --> 00:56:50,190
affected by pain in this instance the

1388
00:56:48,389 --> 00:56:53,819
part of the head affected by a headache

1389
00:56:50,190 --> 00:56:56,039
and I think this is a fair call but this

1390
00:56:53,820 --> 00:56:59,130
is not how painkillers work and to say

1391
00:56:56,039 --> 00:57:00,900
they are targeted is just a nonsense yet

1392
00:56:59,130 --> 00:57:02,820
this is not the first time nurofen has

1393
00:57:00,900 --> 00:57:05,039
been called out for shonky advertising

1394
00:57:02,820 --> 00:57:07,769
indeed last year they were honored with

1395
00:57:05,039 --> 00:57:09,509
a 2010 shonky award from choice magazine

1396
00:57:07,769 --> 00:57:13,739
for a very similar

1397

00:57:09,509 --> 00:57:16,199
a thing from the choice website nurofen

1398
00:57:13,739 --> 00:57:19,019
has a range of caplets for migraine back

1399
00:57:16,199 --> 00:57:20,699
tension headache and period pain yet a

1400
00:57:19,018 --> 00:57:22,138
closer look at the ingredients shows

1401
00:57:20,699 --> 00:57:24,749
they're identical from product to

1402
00:57:22,139 --> 00:57:26,399
product so does the back pain version

1403
00:57:24,748 --> 00:57:28,108
somehow magically go straight to your

1404
00:57:26,398 --> 00:57:30,868
back and only your back as soon as

1405
00:57:28,108 --> 00:57:32,429
you've swallowed it could you say choose

1406
00:57:30,869 --> 00:57:34,709
to treat only your back pain while

1407
00:57:32,429 --> 00:57:39,059
keeping your headache the answers are no

1408
00:57:34,708 --> 00:57:41,489
no and definitely no but sadly as long

1409
00:57:39,059 --> 00:57:43,798
as the TGA has no teeth to enforce dodgy

1410
00:57:41,489 --> 00:57:44,789
claims and advertising breaches I expect

1411
00:57:43,798 --> 00:57:47,579

we'll see this type of behavior

1412
00:57:44,789 --> 00:57:51,778
continued and even if they were to find

1413
00:57:47,579 --> 00:57:53,579
companies for breaches 33,000 or 6 600

1414
00:57:51,778 --> 00:57:56,478
bucks is a pittance to most drug

1415
00:57:53,579 --> 00:57:58,979
companies weather cam or science based

1416
00:57:56,478 --> 00:58:00,598
there seems little deterrent to stop

1417
00:57:58,978 --> 00:58:03,658
when there's money to be made and no

1418
00:58:00,599 --> 00:58:05,278
one's gonna stop you anyway in my

1419
00:58:03,659 --> 00:58:07,469
opinion this is about consumer

1420
00:58:05,278 --> 00:58:08,998
protection and if the TGA fails to do

1421
00:58:07,469 --> 00:58:11,278
that then I wonder what good they're

1422
00:58:08,998 --> 00:58:13,348
doing at all you can find the blog

1423
00:58:11,278 --> 00:58:16,199
related to this post on skeptics book

1424
00:58:13,349 --> 00:58:18,568
calm called the TGA gets flipped the

1425
00:58:16,199 --> 00:58:20,759
bird again and just a reminder that I

1426
00:58:18,568 --> 00:58:23,608
was a guest on science on top podcast

1427
00:58:20,759 --> 00:58:27,269
hosted by Lucas Randall last week we

1428
00:58:23,608 --> 00:58:29,639
talked about BMAA ALS MND and fruit bats

1429
00:58:27,268 --> 00:58:31,348
amongst other things check it out on

1430
00:58:29,639 --> 00:58:33,719
itunes if you'd like to hear it and

1431
00:58:31,349 --> 00:58:36,349
until next time this has been dr. eighty

1432
00:58:33,719 --> 00:58:36,349
reports

1433
00:58:36,699 --> 00:58:42,189
dr. Rachel Dunlop is one of Australia's

1434
00:58:39,429 --> 00:58:43,618
foremost media commentators in matters

1435
00:58:42,190 --> 00:58:46,150
concerning so-called alternative

1436
00:58:43,619 --> 00:58:49,960
medicine she has appeared on national

1437
00:58:46,150 --> 00:58:52,240
radio and national television dr. H E is

1438
00:58:49,960 --> 00:58:56,199
available for interviews and you can

1439
00:58:52,239 --> 00:59:10,328
contact her at Rachel at skeptic zone

1440
00:58:56,199 --> 00:59:12,789
dot TV scopes monkey choir scopes monkey

1441
00:59:10,329 --> 00:59:15,099
choir wait are we acquire know when I

1442
00:59:12,789 --> 00:59:20,019
require but we are musicians when I

1443
00:59:15,099 --> 00:59:22,960
monkeys either we are primates so what

1444
00:59:20,019 --> 00:59:25,239
is scopes monkey choir its podcast oh

1445
00:59:22,960 --> 00:59:27,849
yeah it's podcast it's the podcast where

1446
00:59:25,239 --> 00:59:29,828
music and sound me to science and

1447
00:59:27,849 --> 00:59:31,930
skepticism we are two professional

1448
00:59:29,829 --> 00:59:33,670
musicians who decided turn are skeptical

1449
00:59:31,929 --> 00:59:35,669
eyes on our own profession we look at

1450
00:59:33,670 --> 00:59:38,380
the science of music we look at studies

1451
00:59:35,670 --> 00:59:40,720
recent studies about music and sound we

1452
00:59:38,380 --> 00:59:45,430
look skeptically at musical myths we

1453
00:59:40,719 --> 00:59:47,828
look at and we work out of our music

1454

00:59:45,429 --> 00:59:50,078
listen to us at Scopes Monkey choir calm

1455
00:59:47,829 --> 00:59:52,269
I'll find us on iTunes scopes monkey

1456
00:59:50,079 --> 00:59:55,318
choir the podcast for music and sound

1457
00:59:52,269 --> 00:59:55,318
meat science and skepticism

1458
01:00:05,150 --> 01:00:09,030
thank you for listening to the skeptic

1459
01:00:07,349 --> 01:00:10,500
zone my goodness me I enjoyed that

1460
01:00:09,030 --> 01:00:13,680
little cup of ice cream with it

1461
01:00:10,500 --> 01:00:15,510
Hershey's chocolate I think I'd enjoy

1462
01:00:13,679 --> 01:00:21,210
any brand of chocolate to be honest with

1463
01:00:15,510 --> 01:00:24,000
you oh boy hmm yes now on next week's

1464
01:00:21,210 --> 01:00:27,780
show I hope we have another think tank

1465
01:00:24,000 --> 01:00:30,389
in fact dr. Richie and I may well travel

1466
01:00:27,780 --> 01:00:33,210
up from our part of Sydney to the part

1467
01:00:30,389 --> 01:00:36,900
of Sydney where Iran and Iran Segev and

1468
01:00:33,210 --> 01:00:39,690

Joe benim you live and visit a club near

1469

01:00:36,900 --> 01:00:41,910

their place why not sounds like an be a

1470

01:00:39,690 --> 01:00:44,429

fun trip so hopefully we'll get another

1471

01:00:41,909 --> 01:00:47,159

think tank happening more reports more

1472

01:00:44,429 --> 01:00:49,710

interviews update on this titanium iron

1473

01:00:47,159 --> 01:00:52,230

band NRG which we mentioned at the top

1474

01:00:49,710 --> 01:00:54,119

of the show in fact the Australian

1475

01:00:52,230 --> 01:00:57,389

skeptics are putting together an open

1476

01:00:54,119 --> 01:01:00,000

letter to rebel sports to say what do

1477

01:00:57,389 --> 01:01:02,339

you think you're playing at that's

1478

01:01:00,000 --> 01:01:05,789

something I'll have to look into this

1479

01:01:02,340 --> 01:01:07,890

week but until then this is Richard

1480

01:01:05,789 --> 01:01:14,369

Saunders signing off from Sydney

1481

01:01:07,889 --> 01:01:19,049

Australia you've been listening to the

1482

01:01:14,369 --> 01:01:22,889

skeptic zone visit our website at www

1483

01:01:19,050 --> 01:01:26,600

skeptics on TV for comments contacts and

1484

01:01:22,889 --> 01:01:26,599

extra video reports

1485

01:01:29,539 --> 01:01:31,570

Oh