

The Skeptic Zone



Show 152 - 17 Sept 2011

1
00:00:23,680 --> 00:00:09,080
welcome to the skeptic zone the podcast

2
00:00:28,880 --> 00:00:26,210
hello to those people driving in your

3
00:00:31,900 --> 00:00:28,890
car hello to those people walking the

4
00:00:35,510 --> 00:00:31,910
dog with them mmm me stuck in your ears

5
00:00:39,040 --> 00:00:35,520
hello those people on the train all the

6
00:00:42,680 --> 00:00:39,050
bus or the theory right now commuting to

7
00:00:46,400 --> 00:00:42,690
or from work hello and welcome to the

8
00:00:50,360 --> 00:00:46,410
skeptic zone episode number 152 for the

9
00:00:53,990 --> 00:00:50,370
17th of sep tember 2011 Richard Saunders

10
00:00:57,250 --> 00:00:54,000
here with you from a very warm very warm

11
00:00:59,990 --> 00:00:57,260
Sydney Australia I think spring is here

12
00:01:01,700 --> 00:01:00,000
or it's around the corner or maybe it

13
00:01:04,850 --> 00:01:01,710

just went by I don't know but it's

14

00:01:06,740 --> 00:01:04,860

lovely warm day today beautiful day lots

15

00:01:09,950 --> 00:01:06,750

of lovely clouds in the sky and some

16

00:01:12,530 --> 00:01:09,960

ducks on the duck pond took my review

17

00:01:14,390 --> 00:01:12,540

and nice out for a walk and anyway

18

00:01:17,630 --> 00:01:14,400

getting back to today's show we have an

19

00:01:20,870 --> 00:01:17,640

interview with Mark Chris lip from quack

20

00:01:24,980 --> 00:01:20,880

cast quite cast is a fantastic our

21

00:01:27,230 --> 00:01:24,990

podcast dedicated to ducks I'll quackery

22

00:01:29,690 --> 00:01:27,240

all sorts of quackery now i'll be

23

00:01:32,719 --> 00:01:29,700

including the links to quite cast on the

24

00:01:34,999 --> 00:01:32,729

the show notes and in the newsletter the

25

00:01:38,660 --> 00:01:35,009

weekly newsletter free to subscribe just

26
00:01:42,370 --> 00:01:38,670
visit skeptic zone TV dr. Reggie caught

27
00:01:45,080 --> 00:01:42,380
up with mark at tam nine in Las Vegas

28
00:01:46,940 --> 00:01:45,090
the more the week's go on the more I

29
00:01:48,800 --> 00:01:46,950
think that woman only interviewed people

30
00:01:50,450 --> 00:01:48,810
it's all she must have done when she

31
00:01:52,599 --> 00:01:50,460
went to town that's that's it I can't

32
00:01:55,730 --> 00:01:52,609
believe she had time to have dinner or

33
00:01:58,249 --> 00:01:55,740
have a krabby leg mmm those crab legs

34
00:02:00,170 --> 00:01:58,259
and that casino okay what that's coming

35
00:02:03,709 --> 00:02:00,180
up at the top of the show now after that

36
00:02:06,969 --> 00:02:03,719
it's Maynard spooky action he asked the

37
00:02:10,580 --> 00:02:06,979
big questions why are skeptics unfunny

38
00:02:15,050 --> 00:02:10,590

yeah you'll find out more when may not

39

00:02:16,790 --> 00:02:15,060

interview Simon Taylor the comedian from

40

00:02:21,140 --> 00:02:16,800

Melbourne who is visiting Maynard's

41

00:02:24,110 --> 00:02:21,150

hometown of Newcastle in the week why

42

00:02:26,780 --> 00:02:24,120

are skeptics and freethinkers atheists

43

00:02:29,839 --> 00:02:26,790

humanists etc clara unfunny well they're

44

00:02:32,509 --> 00:02:29,849

not of course but these topics are

45

00:02:33,740 --> 00:02:32,519

covered with main art and to wrap up the

46

00:02:38,390 --> 00:02:33,750

show dr.

47

00:02:41,180 --> 00:02:38,400

'he reports on her quest permission to

48

00:02:43,820 --> 00:02:41,190

reform the TGA in this country

49

00:02:48,140 --> 00:02:43,830

therapeutics Goods Administration the

50

00:02:50,810 --> 00:02:48,150

people who look after our drugs so to

51
00:02:53,210 --> 00:02:50,820
speak and who keep an eye on dodgy

52
00:02:55,280 --> 00:02:53,220
advertising but as we will find out and

53
00:02:59,600 --> 00:02:55,290
as regular listeners to the skeptics and

54
00:03:01,970 --> 00:02:59,610
dr. reaching know already there next to

55
00:03:06,290 --> 00:03:01,980
useless find out more at the end of the

56
00:03:08,750 --> 00:03:06,300
show with dr. Reggie reports now

57
00:03:11,420 --> 00:03:08,760
speaking of maynard which we were a

58
00:03:13,790 --> 00:03:11,430
moment ago those people in melbourne

59
00:03:16,130 --> 00:03:13,800
will be delighted because main art is

60
00:03:18,790 --> 00:03:16,140
heading your way together with dr h your

61
00:03:22,490 --> 00:03:18,800
answer given Joe Benna mu to the

62
00:03:24,350 --> 00:03:22,500
fabulous skeptic camp and if you google

63
00:03:26,000 --> 00:03:24,360

skeptic aunt Melbourne you'll find out

64

00:03:27,620 --> 00:03:26,010

more details and there will be more

65

00:03:29,810 --> 00:03:27,630

details on this show coming up in the

66

00:03:31,729 --> 00:03:29,820

next few weeks we're sending men are to

67

00:03:33,380 --> 00:03:31,739

his first skeptic am now you may

68

00:03:37,010 --> 00:03:33,390

remember last year may not did a

69

00:03:39,650 --> 00:03:37,020

fantastic job for us reporting from town

70

00:03:41,449 --> 00:03:39,660

Australia running around for days on end

71

00:03:44,240 --> 00:03:41,459

with his microphone getting wonderful

72

00:03:47,690 --> 00:03:44,250

interviews and we've decided since he's

73

00:03:51,020 --> 00:03:47,700

so does that such a good job we're going

74

00:03:55,820 --> 00:03:51,030

to sponsor Maynard to go to Tam Las

75

00:03:59,840 --> 00:03:55,830

Vegas Tam 10 in Las Vegas and you know

76

00:04:03,380 --> 00:03:59,850

what we'd like to ask you to help if

77

00:04:05,979 --> 00:04:03,390

you've never contributed to the skeptic

78

00:04:09,710 --> 00:04:05,989

zone before let's let's do it this way

79

00:04:12,789 --> 00:04:09,720

what I'd like you to do is go to skip

80

00:04:15,710 --> 00:04:12,799

exam TV click the link for a weekly

81

00:04:18,860 --> 00:04:15,720

contribution of one dollar and if you've

82

00:04:21,319 --> 00:04:18,870

never done it before stay in there for

83

00:04:24,770 --> 00:04:21,329

just one month that's it just a month

84

00:04:26,210 --> 00:04:24,780

and then you can cancel and fantastic if

85

00:04:29,330 --> 00:04:26,220

enough people have you do that

86

00:04:31,760 --> 00:04:29,340

periodically and I'm sure we can get

87

00:04:35,930 --> 00:04:31,770

together enough money to get Maynard

88

00:04:40,820 --> 00:04:35,940

over with us to enjoy tam Las Vegas and

89

00:04:45,140 --> 00:04:40,830

bring you many many hours of great

90

00:04:47,119 --> 00:04:45,150

reports insights and interviews why not

91

00:04:49,040 --> 00:04:47,129

huh why not this man were

92

00:04:51,739 --> 00:04:49,050

so hard for the skeptic zone bringing

93

00:04:53,899 --> 00:04:51,749

you fabulous reports as you'll hear

94

00:04:57,169 --> 00:04:53,909

today let's do that for him he's a great

95

00:04:59,089 --> 00:04:57,179

bloke and and I just think that having

96

00:05:01,429 --> 00:04:59,099

may not in Las Vegas it's a match made

97

00:05:04,459 --> 00:05:01,439

in heaven somehow let's see what we can

98

00:05:06,589 --> 00:05:04,469

do also in the past week it's it's come

99

00:05:10,029 --> 00:05:06,599

to my attention that the rebel sports

100

00:05:14,199 --> 00:05:10,039

outlet chain here in Australia are

101
00:05:16,969 --> 00:05:14,209
selling a new form of the Magic Band oh

102
00:05:20,389 --> 00:05:16,979
boy how many of these are there this

103
00:05:23,659 --> 00:05:20,399
one's called the NRG titanium ion band

104
00:05:24,949 --> 00:05:23,669
all sorts of medical claims listen if

105
00:05:26,749 --> 00:05:24,959
you want to find out more about this

106
00:05:28,609 --> 00:05:26,759
band and believe me the Australian

107
00:05:31,480 --> 00:05:28,619
skeptics are on to this and we're going

108
00:05:35,689 --> 00:05:31,490
to be doing something about it you can

109
00:05:39,489 --> 00:05:35,699
visit their Facebook page in fact if you

110
00:05:48,409 --> 00:05:39,499
go to facebook and look for it in our

111
00:05:51,980 --> 00:05:48,419
g/t ITA n iu m l oh n so energy to tain

112
00:05:55,269 --> 00:05:51,990
iam eye on you can see their facebook

113
00:05:59,119 --> 00:05:55,279

page and read their outrageous medical

114

00:06:01,129 --> 00:05:59,129

repeat medical claims about blood flow

115

00:06:04,519 --> 00:06:01,139

and free radicals and all sorts of

116

00:06:08,179 --> 00:06:04,529

things Oh dearie me people really think

117

00:06:10,850 --> 00:06:08,189

that a rubber band with some great

118

00:06:12,980 --> 00:06:10,860

medical claims and trying to bamboozle

119

00:06:16,009 --> 00:06:12,990

people of science sounding words is

120

00:06:19,309 --> 00:06:16,019

going to wash any more they got another

121

00:06:21,439 --> 00:06:19,319

thing coming and also on to this is our

122

00:06:24,169 --> 00:06:21,449

dear friend dr. Steven novella from the

123

00:06:27,019 --> 00:06:24,179

skeptics guide to the universe have a

124

00:06:31,279 --> 00:06:27,029

look at science-based medicine blog

125

00:06:33,559 --> 00:06:31,289

science-based medicine org and look for

126

00:06:36,199 --> 00:06:33,569

the entry called pseudoscience cells

127

00:06:41,649 --> 00:06:36,209

where dr. novella just takes these bands

128

00:06:45,199 --> 00:06:41,659

apart oh boy our work is never done and

129

00:06:47,769 --> 00:06:45,209

these are is mine as you listen to the

130

00:06:50,329 --> 00:06:47,779

skeptics own I'm going to run downstairs

131

00:06:53,419 --> 00:06:50,339

I'm going to get some vanilla ice cream

132

00:06:58,879 --> 00:06:53,429

in a cup a little bit of Hershey's

133

00:07:00,420 --> 00:06:58,889

chocolate mmm on top teaspoon beat it up

134

00:07:03,750 --> 00:07:00,430

a little bit maybe a bit of whip

135

00:07:26,590 --> 00:07:03,760

cream oh boy I'm going to enjoy that and

136

00:07:32,090 --> 00:07:29,570

i'm here at ten nine with the wonderful

137

00:07:33,770 --> 00:07:32,100

dr. Marcus lip hi mark i welcome to the

138

00:07:36,980 --> 00:07:33,780

skeptic zone thank you thank you for

139

00:07:39,830 --> 00:07:36,990

being with us you of course are the

140

00:07:43,040 --> 00:07:39,840

author and presenter of the wonderful

141

00:07:47,810 --> 00:07:43,050

quickcast podcast which is of course the

142

00:07:50,180 --> 00:07:47,820

sarcastic and PP medical podcast that we

143

00:07:52,430 --> 00:07:50,190

all love thank you and of course you are

144

00:07:54,410 --> 00:07:52,440

also the owner of the trademark the

145

00:07:55,820 --> 00:07:54,420

world needs more mark Chris lip yes I

146

00:07:59,240 --> 00:07:55,830

think so which is why we've got you on

147

00:08:00,830 --> 00:07:59,250

the skipper zone today hope people

148

00:08:03,020 --> 00:08:00,840

understand that's meant sarcastically

149

00:08:05,750 --> 00:08:03,030

yeah so for those of you who don't

150

00:08:07,970 --> 00:08:05,760

listen to your podcast um you kind of

151

00:08:11,690 --> 00:08:07,980

your right upfront about what you call

152

00:08:14,540 --> 00:08:11,700

scam yeah not can and so what is that

153

00:08:17,570 --> 00:08:14,550

what is it that stand scam our schemes

154

00:08:20,180 --> 00:08:17,580

gah supplements coupling and alternative

155

00:08:22,070 --> 00:08:20,190

medicine yeah and that was Peters about

156

00:08:23,960 --> 00:08:22,080

it dad pronounce it I'll paint about it

157

00:08:26,660 --> 00:08:23,970

I think he originated it so I stole it

158

00:08:27,980 --> 00:08:26,670

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

159

00:08:29,960 --> 00:08:27,990

originate it I stole it from somebody

160

00:08:32,779 --> 00:08:29,970

and I think it was Peter okay so i'll

161

00:08:34,730 --> 00:08:32,789

give him credit so you're pretty much

162

00:08:37,700 --> 00:08:34,740

straight up and down about this stuff

163

00:08:39,320 --> 00:08:37,710

might you don't mince words where where

164

00:08:41,360 --> 00:08:39,330

it's necessary to say this is

165

00:08:44,300 --> 00:08:41,370

you call it out me no i think it's

166

00:08:46,730 --> 00:08:44,310

important to be honest with people the

167

00:08:49,420 --> 00:08:46,740

house staff voted me attending most

168

00:08:52,610 --> 00:08:49,430

likely to tell it like it is so really i

169

00:08:54,920 --> 00:08:52,620

think its spread throughout my life well

170

00:08:56,930 --> 00:08:54,930

you already faced as a specialist so

171

00:08:58,940 --> 00:08:56,940

what do you what do you do to stay there

172

00:09:01,850 --> 00:08:58,950

dad take care of patients in hospitals

173

00:09:03,830 --> 00:09:01,860

with weird or unusual infections mm-hmm

174

00:09:06,500 --> 00:09:03,840

so weird pneumonias our Falcon fractions

175

00:09:09,530 --> 00:09:06,510

meningitis aid stuff like that so in

176
00:09:11,420 --> 00:09:09,540
terms of that I suppose you would come

177
00:09:13,250 --> 00:09:11,430
across a lot of people that use can last

178
00:09:15,860 --> 00:09:13,260
game as you say you may find that into

179
00:09:18,170 --> 00:09:15,870
practice the people so I asked every

180
00:09:19,680 --> 00:09:18,180
patient but the majority don't beyond

181
00:09:22,560 --> 00:09:19,690
herbs in car

182
00:09:25,380 --> 00:09:22,570
practica an acupuncture it's very rare

183
00:09:26,850 --> 00:09:25,390
to find anybody who actually is people

184
00:09:29,190 --> 00:09:26,860
who are deep into that don't come in the

185
00:09:31,140 --> 00:09:29,200
hospital happens occasionally but mostly

186
00:09:33,270 --> 00:09:31,150
it's casual use more than anything else

187
00:09:35,340 --> 00:09:33,280
so do you think it's that I don't use

188
00:09:37,800 --> 00:09:35,350

it'll don't tell you that i use it i ask

189

00:09:39,870 --> 00:09:37,810

i think the only thing people lie

190

00:09:42,360 --> 00:09:39,880

routinely about is their taste in music

191

00:09:44,370 --> 00:09:42,370

because they tell you about their sexual

192

00:09:45,450 --> 00:09:44,380

habits and the drug use and i don't

193

00:09:47,280 --> 00:09:45,460

think they're going to hide it from me

194

00:09:48,840 --> 00:09:47,290

right because there are there have been

195

00:09:51,240 --> 00:09:48,850

studies done on this and in particular i

196

00:09:54,180 --> 00:09:51,250

recently did some research on cammy's in

197

00:09:55,950 --> 00:09:54,190

HIV I want in hiv-positive patients and

198

00:09:58,230 --> 00:09:55,960

some of the studies were showing that

199

00:10:00,120 --> 00:09:58,240

something like 40 up to forty nine

200

00:10:01,710 --> 00:10:00,130

percent of the people were not telling

201
00:10:03,210 --> 00:10:01,720
their doctors that they were takin care

202
00:10:05,160 --> 00:10:03,220
yeah but probably cuz they were being

203
00:10:07,830 --> 00:10:05,170
asked and when people are in the

204
00:10:10,440 --> 00:10:07,840
hospital they're sick and so they don't

205
00:10:11,820 --> 00:10:10,450
hide anything for fear that they're

206
00:10:13,920 --> 00:10:11,830
going to hold something back this

207
00:10:16,230 --> 00:10:13,930
important yeah because the one of the

208
00:10:19,080 --> 00:10:16,240
other statistics that I was I came

209
00:10:21,450 --> 00:10:19,090
across in a review was out of all the

210
00:10:23,400 --> 00:10:21,460
scam or can use by particularly

211
00:10:28,350 --> 00:10:23,410
hiv-positive patients one of the highest

212
00:10:30,260 --> 00:10:28,360
ones was prayer and then supplements and

213
00:10:32,850 --> 00:10:30,270

what one of the interesting things was

214

00:10:35,880 --> 00:10:32,860

people who were on heart in highly

215

00:10:38,580 --> 00:10:35,890

active antiretroviral therapy but also

216

00:10:40,560 --> 00:10:38,590

on supplements if they started to feel

217

00:10:42,390 --> 00:10:40,570

better they would attribute that to the

218

00:10:45,030 --> 00:10:42,400

supplements not to the antiretroviral

219

00:10:46,320 --> 00:10:45,040

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

220

00:10:49,470 --> 00:10:46,330

know it always depends you read those

221

00:10:53,180 --> 00:10:49,480

things I need to find a scam because I

222

00:10:58,050 --> 00:10:56,040

anything important right because it

223

00:11:00,030 --> 00:10:58,060

doesn't have it a feta of physiological

224

00:11:01,110 --> 00:11:00,040

of that makes you feel comfortable but

225

00:11:03,180 --> 00:11:01,120

it's not going to interfere with your

226

00:11:04,770 --> 00:11:03,190

medications it's not going to cause

227

00:11:07,140 --> 00:11:04,780

infections just not going to have side

228

00:11:09,930 --> 00:11:07,150

effects it's not going to be a stroke so

229

00:11:12,720 --> 00:11:09,940

you know prayer is as innocuous as Ricky

230

00:11:14,160 --> 00:11:12,730

so yeah those don't matter people use

231

00:11:15,810 --> 00:11:14,170

them because they do absolutely

232

00:11:18,900 --> 00:11:15,820

nothing I don't care if my patients take

233

00:11:20,850 --> 00:11:18,910

homeopathy how's it going to do but

234

00:11:23,220 --> 00:11:20,860

herbs I asked them specifically you take

235

00:11:25,889 --> 00:11:23,230

any Arab defense or something if I think

236

00:11:29,069 --> 00:11:25,899

they're always forthcoming so what in

237

00:11:31,040 --> 00:11:29,079

the case of say for example with HIV

238

00:11:32,939 --> 00:11:31,050

there are herbs that can interact with

239

00:11:35,280 --> 00:11:32,949

antiretrovirals out there that can

240

00:11:38,400 --> 00:11:35,290

actually increase their effect or reduce

241

00:11:39,900 --> 00:11:38,410

their effect so it is important to know

242

00:11:41,040 --> 00:11:39,910

if your patients taking that isn't it

243

00:11:42,990 --> 00:11:41,050

yeah there's a lot of drug drug

244

00:11:45,269 --> 00:11:43,000

interested parties and editors there's a

245

00:11:46,530 --> 00:11:45,279

lot of drug drug interactions so you

246

00:11:47,790 --> 00:11:46,540

have to know what people are also you

247

00:11:49,889 --> 00:11:47,800

can manage their medications

248

00:11:51,449 --> 00:11:49,899

appropriately so does it frustrate you

249

00:11:55,139 --> 00:11:51,459

when you come across patients that are

250

00:11:58,019 --> 00:11:55,149

taking alternative medicines no not

251

00:12:00,930 --> 00:11:58,029

really I mean you know I'm an on

252

00:12:03,900 --> 00:12:00,940

the podcast but but in real life you

253

00:12:05,790 --> 00:12:03,910

know it's my job to form a working

254

00:12:08,100 --> 00:12:05,800

relationship with everybody that comes

255

00:12:10,710 --> 00:12:08,110

their way since I'm the only person who

256

00:12:14,400 --> 00:12:10,720

does what I do in my hospital I can't

257

00:12:16,019 --> 00:12:14,410

afford to alienate or piss off a patient

258

00:12:17,879 --> 00:12:16,029

because then they have no one else to go

259

00:12:19,980 --> 00:12:17,889

to so you know I was just part of the

260

00:12:22,050 --> 00:12:19,990

continuum of human behavior it's like

261

00:12:23,939 --> 00:12:22,060

you know this person does that the next

262

00:12:26,610 --> 00:12:23,949

person to something you know equally

263

00:12:29,460 --> 00:12:26,620

stupid hmm no I don't it doesn't

264

00:12:31,710 --> 00:12:29,470

frustrate me I get like having teenage

265

00:12:35,310 --> 00:12:31,720

children and i long ago gave up on being

266

00:12:38,400 --> 00:12:35,320

frustrated with human behavior here that

267

00:12:42,569 --> 00:12:38,410

if you're listening we can edit that

268

00:12:44,880 --> 00:12:42,579

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

269

00:12:46,259 --> 00:12:44,890

know that you have in the past you do

270

00:12:49,319 --> 00:12:46,269

right for science-based medicine as well

271

00:12:51,150 --> 00:12:49,329

the blog which is also Steve novella

272

00:12:53,460 --> 00:12:51,160

also writes for that as well as David

273

00:12:55,889 --> 00:12:53,470

core see you have addressed in the past

274

00:12:58,259 --> 00:12:55,899

issues put forth by the anti-vaccination

275

00:12:59,850 --> 00:12:58,269

movement with respect to that in your

276

00:13:02,100 --> 00:12:59,860

practice have you seen a rise in any

277

00:13:04,710 --> 00:13:02,110

sort of vaccine-preventable diseases gee

278

00:13:06,480 --> 00:13:04,720

I have seen diseases that I have not

279

00:13:08,699 --> 00:13:06,490

seen before or at least they've been

280

00:13:10,470 --> 00:13:08,709

reported in my community I've seen now

281

00:13:12,210 --> 00:13:10,480

natural case of months which spies a

282

00:13:16,610 --> 00:13:12,220

heck out of me because I never seen

283

00:13:18,900 --> 00:13:16,620

mumps measles we've had small numbers in

284

00:13:20,460 --> 00:13:18,910

Portland but they haven't we try and

285

00:13:23,460 --> 00:13:20,470

keep measles out of the hospital because

286

00:13:25,019 --> 00:13:23,470

it is the most contagious disease my

287

00:13:25,870 --> 00:13:25,029

second most contagious disease may be

288

00:13:29,470 --> 00:13:25,880

known to man

289

00:13:32,350 --> 00:13:29,480

so I we don't try and bring them in if

290

00:13:34,270 --> 00:13:32,360

we can so you sort of more hear about

291

00:13:36,220 --> 00:13:34,280

them is they're mostly outpatient i'm

292

00:13:39,820 --> 00:13:36,230

ninety-nine percent inpatient medicine

293

00:13:42,340 --> 00:13:39,830

so they asked me those mumps chicken pox

294

00:13:45,300 --> 00:13:42,350

is always there Hasina German measles in

295

00:13:48,970 --> 00:13:45,310

25 years what about whooping cough

296

00:13:51,880 --> 00:13:48,980

pertussis is an ongoing total pain in

297

00:13:53,560 --> 00:13:51,890

the neck because it happens is adults

298

00:13:55,750 --> 00:13:53,570

have it they're not immunized and then

299

00:13:58,420 --> 00:13:55,760

they come into the ER caulking and

300

00:14:00,370 --> 00:13:58,430

expose everybody and it's more problem

301
00:14:02,560 --> 00:14:00,380
in adults with chronic cough than it is

302
00:14:06,610 --> 00:14:02,570
and kids most pediatricians are and the

303
00:14:08,710 --> 00:14:06,620
ers are clued in that a coffee kid has

304
00:14:11,920 --> 00:14:08,720
pertussis put them in isolation but

305
00:14:16,290 --> 00:14:11,930
that's creeping up to promos not as bad

306
00:14:19,930 --> 00:14:16,300
as I is some areas in the northwest for

307
00:14:21,580 --> 00:14:19,940
anti-vaccine problems though some of the

308
00:14:24,820 --> 00:14:21,590
schools evidently are quite high in the

309
00:14:26,680 --> 00:14:24,830
area yeah because recently in at least

310
00:14:27,760 --> 00:14:26,690
in California there were laws introduced

311
00:14:29,470 --> 00:14:27,770
that you have to demonstrate your

312
00:14:31,080 --> 00:14:29,480
children have been vaccinated now before

313
00:14:33,670 --> 00:14:31,090

you they can go to a public school

314

00:14:35,590 --> 00:14:33,680

because there has been as you would be

315

00:14:38,230 --> 00:14:35,600

aware an epidemic of whooping cough in

316

00:14:40,900 --> 00:14:38,240

California couple deaths too sad yeah I

317

00:14:42,520 --> 00:14:40,910

think nine deaths at last count of kids

318

00:14:45,670 --> 00:14:42,530

under the age where they can actually be

319

00:14:47,050 --> 00:14:45,680

vaccinated yeah um so do you do you come

320

00:14:50,070 --> 00:14:47,060

across that in your practice you come

321

00:14:53,170 --> 00:14:50,080

across people patients that are dispute

322

00:14:54,610 --> 00:14:53,180

vaccination and ask you and put forward

323

00:14:56,770 --> 00:14:54,620

some of the canners that I guess we're

324

00:14:58,330 --> 00:14:56,780

familiar with it's actually now so much

325

00:15:00,330 --> 00:14:58,340

in my pride because I only deal with

326

00:15:04,390 --> 00:15:00,340

adults but it's more of my real life

327

00:15:07,240 --> 00:15:04,400

where some surprised that people don't

328

00:15:09,550 --> 00:15:07,250

want to have vaccines I mean the reason

329

00:15:13,300 --> 00:15:09,560

that we live to be 80 is flush toilets

330

00:15:14,770 --> 00:15:13,310

clean water and vaccinations and if you

331

00:15:16,810 --> 00:15:14,780

read history everybody's to dive

332

00:15:19,870 --> 00:15:16,820

infectious diseases that are preventable

333

00:15:21,820 --> 00:15:19,880

now and and this is boggles my mind that

334

00:15:24,760 --> 00:15:21,830

people will not vaccinate their kids or

335

00:15:28,030 --> 00:15:24,770

worry about it can you speculate why

336

00:15:28,990 --> 00:15:28,040

people dear it comes down to Thea

337

00:15:31,300 --> 00:15:29,000

they're afraid their kids are going to

338

00:15:33,790 --> 00:15:31,310

get side effects or autism or some

339

00:15:37,090 --> 00:15:33,800

complications of vaccine and they don't

340

00:15:37,750 --> 00:15:37,100

know the fear that the plagues of the

341

00:15:41,380 --> 00:15:37,760

past

342

00:15:43,210 --> 00:15:41,390

used to cause you know polio used to

343

00:15:44,890 --> 00:15:43,220

devastate communities measles would

344

00:15:47,260 --> 00:15:44,900

devastate community shut the whole

345

00:15:49,000 --> 00:15:47,270

communities down doesn't happen these

346

00:15:50,680 --> 00:15:49,010

days because of vaccinations and herd

347

00:15:52,300 --> 00:15:50,690

immunity but were kind of creeping

348

00:15:54,730 --> 00:15:52,310

closer and closer to the edge where we

349

00:15:56,800 --> 00:15:54,740

may have a problem again yeah and I have

350

00:15:58,720 --> 00:15:56,810

a child who starts college in six weeks

351

00:16:00,970 --> 00:15:58,730

so I need the business so don't

352

00:16:03,010 --> 00:16:00,980

vaccinate your children I need the

353

00:16:06,460 --> 00:16:03,020

measles I need the chicken pox I need a

354

00:16:08,980 --> 00:16:06,470

good plague so you have addressed in the

355

00:16:12,670 --> 00:16:08,990

past on your podcast but also on the sbm

356

00:16:15,070 --> 00:16:12,680

blog this whole internet meme called the

357

00:16:17,550 --> 00:16:15,080

nine questions that yeah physicians or

358

00:16:19,570 --> 00:16:17,560

scientists can't answer about vaccines I

359

00:16:20,410 --> 00:16:19,580

just wanted to run through a couple of

360

00:16:22,120 --> 00:16:20,420

those because they're actually quite

361

00:16:24,600 --> 00:16:22,130

interesting the one that I'm

362

00:16:26,530 --> 00:16:24,610

particularly annoys me is the one about

363

00:16:28,480 --> 00:16:26,540

vaccines being injected into the

364

00:16:31,120 --> 00:16:28,490

bloodstream now you find this all over

365

00:16:33,400 --> 00:16:31,130

anti-vaccination websites that's wrong

366

00:16:35,230 --> 00:16:33,410

is there most of them in the muscle it's

367

00:16:37,870 --> 00:16:35,240

not very much as I said well the muscle

368

00:16:39,520 --> 00:16:37,880

has a blood supply so but I do not

369

00:16:41,110 --> 00:16:39,530

inject it into the bloodstream but it

370

00:16:43,570 --> 00:16:41,120

sounds scary to say that doesn't it

371

00:16:45,010 --> 00:16:43,580

because it makes it sound scarier to say

372

00:16:47,200 --> 00:16:45,020

it's injected into the bloodstream than

373

00:16:48,970 --> 00:16:47,210

it is to say it's injected into your oh

374

00:16:50,560 --> 00:16:48,980

yeah there's more scary now

375

00:16:53,500 --> 00:16:50,570

interestingly there was a study recently

376

00:16:55,930 --> 00:16:53,510

where they took like 120 people and they

377

00:16:58,360 --> 00:16:55,940

had the brush and floss and they check

378

00:17:01,060 --> 00:16:58,370

their blood for bacteria and it was

379

00:17:02,650 --> 00:17:01,070

found an 80 of the about 120 people so

380

00:17:04,569 --> 00:17:02,660

you want to be scared I wouldn't worry

381

00:17:06,610 --> 00:17:04,579

about a vaccine you really shouldn't

382

00:17:08,050 --> 00:17:06,620

brush your teeth I mean you get back to

383

00:17:10,000 --> 00:17:08,060

Rhema you get stuff in your blood all

384

00:17:11,500 --> 00:17:10,010

the time is the human condition to have

385

00:17:13,630 --> 00:17:11,510

stuff in your bloodstream all the time

386

00:17:15,460 --> 00:17:13,640

that's why I have an immune system and

387

00:17:17,800 --> 00:17:15,470

and the trivial amount of stuff you get

388

00:17:19,660 --> 00:17:17,810

from an intramuscular vaccine or are

389

00:17:21,610 --> 00:17:19,670

nothing the other thing that they talk

390

00:17:23,710 --> 00:17:21,620

about is that infectious diseases

391

00:17:26,020 --> 00:17:23,720

haven't declined because of vaccines

392

00:17:29,080 --> 00:17:26,030

it's been the increase in sanitation and

393

00:17:34,840 --> 00:17:29,090

I think more sunshine and unicorn farts

394

00:17:36,700 --> 00:17:34,850

or something but you oh I thought it was

395

00:17:39,670 --> 00:17:36,710

you to call tears that will protect oh

396

00:17:41,410 --> 00:17:39,680

no it's against Bobby jobs makes all the

397

00:17:43,510 --> 00:17:41,420

apple products with unicorn tears and

398

00:17:45,430 --> 00:17:43,520

that's why they're so special oh but I

399

00:17:46,450 --> 00:17:45,440

know is your cord farts well unicorn

400

00:17:50,650 --> 00:17:46,460

spot rainbows

401

00:17:54,310 --> 00:17:50,660

you know I did not know that oh I've

402

00:17:57,940 --> 00:17:54,320

already forgot the question okay focus

403

00:18:00,720 --> 00:17:57,950

the question was that the ant effects to

404

00:18:03,580 --> 00:18:00,730

say that vaccines have not reduced DVDs

405

00:18:05,230 --> 00:18:03,590

ever everything that has improved the

406

00:18:06,910 --> 00:18:05,240

quality and decrease infection is

407

00:18:09,460 --> 00:18:06,920

multifactorial so there's no single

408

00:18:12,010 --> 00:18:09,470

thing that decreases infections in the

409

00:18:13,720 --> 00:18:12,020

community it's been flush toilets it's

410

00:18:15,850 --> 00:18:13,730

been good nutrition it's been

411

00:18:18,430 --> 00:18:15,860

understanding the epidemiology of

412

00:18:20,290 --> 00:18:18,440

disease but it's also been vaccination

413

00:18:22,150 --> 00:18:20,300

and anytime you want to make an impact

414

00:18:25,900 --> 00:18:22,160

on infectious disease there's never a

415

00:18:27,670 --> 00:18:25,910

single answer there are multiple answers

416

00:18:29,590 --> 00:18:27,680

and their own hospital systems we've

417

00:18:31,720 --> 00:18:29,600

done multiple things to decrease

418

00:18:33,460 --> 00:18:31,730

hospital infections and we've decreased

419

00:18:36,640 --> 00:18:33,470

our hospital infections estimate like

420

00:18:38,800 --> 00:18:36,650

750 in the last two years and but it

421

00:18:40,870 --> 00:18:38,810

wasn't a thing it was multiple things

422

00:18:42,130 --> 00:18:40,880

mean is it's like saying that you know

423

00:18:44,110 --> 00:18:42,140

you're only going to get nutrition by

424

00:18:45,010 --> 00:18:44,120

eating nothing but broccoli I mean

425

00:18:46,870 --> 00:18:45,020

you're going to get good nutrition

426

00:18:48,790 --> 00:18:46,880

making lots of different things to stay

427

00:18:51,490 --> 00:18:48,800

in healthy it's a multifactorial

428

00:18:53,830 --> 00:18:51,500

intervention in vaccines are part of of

429

00:18:56,770 --> 00:18:53,840

a multifactorial interventions that's

430

00:18:58,450 --> 00:18:56,780

driven infections down but is they

431

00:19:00,520 --> 00:18:58,460

proven they have places where people are

432

00:19:04,180 --> 00:19:00,530

vaccinated when they're exposed they get

433

00:19:06,310 --> 00:19:04,190

the disease but I also like to to

434

00:19:08,590 --> 00:19:06,320

message the statistics or actually just

435

00:19:12,810 --> 00:19:08,600

really think cherry picked them because

436

00:19:15,610 --> 00:19:12,820

they tend to only include deaths from

437

00:19:19,600 --> 00:19:15,620

vaccine-preventable diseases as opposed

438

00:19:22,210 --> 00:19:19,610

to chronic long-term effects so they'll

439

00:19:24,040 --> 00:19:22,220

say the deaths have introduced that much

440

00:19:25,750 --> 00:19:24,050

but then you also don't you also have to

441

00:19:27,580 --> 00:19:25,760

consider that you're not looking at

442

00:19:30,460 --> 00:19:27,590

long-term problems and side effects so

443

00:19:32,290 --> 00:19:30,470

for example with pertussis if you get

444

00:19:34,090 --> 00:19:32,300

that as a child you can then possibly

445

00:19:36,850 --> 00:19:34,100

get a cough every 12 months for a long

446

00:19:38,140 --> 00:19:36,860

time it's not just that infection period

447

00:19:39,750 --> 00:19:38,150

and that's the end of that illness is it

448

00:19:43,180 --> 00:19:39,760

yeah the most amazing how people

449

00:19:46,060 --> 00:19:43,190

trivialize human suffering um always not

450

00:19:49,390 --> 00:19:46,070

just deaths it's you know other things

451
00:19:51,670 --> 00:19:49,400
are unchanged go on the on the internet

452
00:19:54,070 --> 00:19:51,680
and find videos of kids with pertussis I

453
00:19:55,240 --> 00:19:54,080
mean it's horrible to watch these kids

454
00:19:57,460 --> 00:19:55,250
try and cost them

455
00:19:59,920 --> 00:19:57,470
elves to death I mean these are awful

456
00:20:02,830 --> 00:19:59,930
illnesses that you mean they're horrible

457
00:20:04,060 --> 00:20:02,840
and and it is hard to trivialize human

458
00:20:07,060 --> 00:20:04,070
suffering that's preventable with

459
00:20:08,800 --> 00:20:07,070
minimal 20 side effects you know what

460
00:20:11,440 --> 00:20:08,810
they really I mean my children really

461
00:20:13,630 --> 00:20:11,450
chafed about their seatbelts it went

462
00:20:15,490 --> 00:20:13,640
across their neck and on long drives I

463
00:20:18,370 --> 00:20:15,500

got these little red marks and I've

464

00:20:20,800 --> 00:20:18,380

never been in an accident so why would I

465

00:20:22,870 --> 00:20:20,810

have my kids wear seatbelts hmm that's

466

00:20:27,190 --> 00:20:22,880

that logic I know it's just I don't get

467

00:20:28,870 --> 00:20:27,200

it yeah i mean the rig the morbidity of

468

00:20:32,260 --> 00:20:28,880

a vaccine is so much less than the

469

00:20:33,940 --> 00:20:32,270

morbidity of the disease yeah the risk

470

00:20:35,920 --> 00:20:33,950

associated with the side effects its

471

00:20:37,180 --> 00:20:35,930

much so much more than and so that

472

00:20:40,210 --> 00:20:37,190

that's something else they can't

473

00:20:41,650 --> 00:20:40,220

interpret is the risk-benefit ratio but

474

00:20:45,000 --> 00:20:41,660

you you're a doctor so clearly you're

475

00:20:50,050 --> 00:20:45,010

paid by Big Pharma first of all I wish

476

00:20:54,910 --> 00:20:50,060

your your shield mark yeah I have

477

00:20:57,280 --> 00:20:54,920

accepted one thing in 20-30 years from a

478

00:20:59,140 --> 00:20:57,290

pharmaceutical company now I don't eat

479

00:21:02,920 --> 00:20:59,150

the pizza at conferences I go take the

480

00:21:05,470 --> 00:21:02,930

books I don't go to I don't take the

481

00:21:09,490 --> 00:21:05,480

pins I don't talk to pharmacy reps and

482

00:21:13,870 --> 00:21:09,500

but about 15 years ago the maker of

483

00:21:15,490 --> 00:21:13,880

unasyn since he they quit using the drug

484

00:21:17,830 --> 00:21:15,500

because of me and so he left the

485

00:21:20,110 --> 00:21:17,840

hospital and he sent me a fleet cinema

486

00:21:22,000 --> 00:21:20,120

with a unison sticker on it and deftly

487

00:21:26,860 --> 00:21:22,010

cinema I always showed the start of my

488

00:21:29,140 --> 00:21:26,870

talks proudly sits on my desk so that's

489

00:21:30,880 --> 00:21:29,150

the only thing I've ever taken ever from

490

00:21:34,840 --> 00:21:30,890

a pharmaceutical company interestingly

491

00:21:36,730 --> 00:21:34,850

on somebody sent an email to my the head

492

00:21:39,580 --> 00:21:36,740

of my hospital system complaining about

493

00:21:44,680 --> 00:21:39,590

me and it was anonymous but you know

494

00:21:46,990 --> 00:21:44,690

when you print out a a something off the

495

00:21:50,500 --> 00:21:47,000

computer gives you the folder is printed

496

00:21:52,330 --> 00:21:50,510

from c dash hard drive / the folder and

497

00:21:54,700 --> 00:21:52,340

it was curious that the name of the

498

00:21:58,510 --> 00:21:54,710

folder it was printed from was also the

499

00:22:00,880 --> 00:21:58,520

name of the local levofloxacin rep so oh

500

00:22:02,900 --> 00:22:00,890

she wasn't real bright that was

501
00:22:05,630 --> 00:22:02,910
I've never taken anything from Big

502
00:22:07,160 --> 00:22:05,640
Pharma ever I'd like to and if there's

503
00:22:11,570 --> 00:22:07,170
someone from big farmer listening I

504
00:22:15,440 --> 00:22:11,580
would like to be on your paper as I keep

505
00:22:17,510 --> 00:22:15,450
saying my kid starts college what what

506
00:22:19,490 --> 00:22:17,520
is the evidence for long-term safety and

507
00:22:21,710 --> 00:22:19,500
efficacy because we have a dumb

508
00:22:23,420 --> 00:22:21,720
double-blind randomized yeah thank you

509
00:22:25,100 --> 00:22:23,430
so we put kids in a room and give it and

510
00:22:26,420 --> 00:22:25,110
pertussis in them and put a bunch in

511
00:22:28,610 --> 00:22:26,430
another room and giving them a back same

512
00:22:29,990 --> 00:22:28,620
a given pertussis yeah that used to be

513
00:22:32,390 --> 00:22:30,000

an interesting ethical question as to

514

00:22:34,160 --> 00:22:32,400

how you can how much you can study

515

00:22:35,840 --> 00:22:34,170

something in a placebo-controlled trial

516

00:22:38,090 --> 00:22:35,850

when you have efficacy and you have a

517

00:22:41,210 --> 00:22:38,100

preponderance of data both historical

518

00:22:44,360 --> 00:22:41,220

and short-term that drugs are safe and

519

00:22:47,330 --> 00:22:44,370

effective it becomes unethical to do

520

00:22:49,520 --> 00:22:47,340

just that study at least outside of a

521

00:22:55,030 --> 00:22:49,530

human what's he calling you you bring up

522

00:22:57,440 --> 00:22:55,040

Nazis Godwin's yeah time for God is no

523

00:23:00,680 --> 00:22:57,450

no I do that at the in concentration

524

00:23:03,710 --> 00:23:00,690

camp I mean movie uh no not exactly no

525

00:23:06,200 --> 00:23:03,720

there was that syphilis study yeah 1952

526

00:23:09,290 --> 00:23:06,210

attorneys taste in 1970 yeah Tuskegee is

527

00:23:11,420 --> 00:23:09,300

one of the great black eyes yeah but it

528

00:23:13,730 --> 00:23:11,430

would be unethical to do that in this

529

00:23:16,430 --> 00:23:13,740

day and age and when you follow cohorts

530

00:23:18,830 --> 00:23:16,440

of kids long-term that you don't find

531

00:23:21,220 --> 00:23:18,840

long-term side effects from vaccinations

532

00:23:23,930 --> 00:23:21,230

and from out from what's the word

533

00:23:25,700 --> 00:23:23,940

plausibility reason there would be no

534

00:23:28,370 --> 00:23:25,710

reason to suspect it in the vast

535

00:23:30,860 --> 00:23:28,380

majority of the vaccines because there's

536

00:23:34,100 --> 00:23:30,870

really almost nothing in them but a wee

537

00:23:35,600 --> 00:23:34,110

bit a protein and carbohydrate to let

538

00:23:37,370 --> 00:23:35,610

the immune system know what the bug

539

00:23:39,410 --> 00:23:37,380

looks like on the other hand as

540

00:23:42,310 --> 00:23:39,420

vaccinations gone up we've had more

541

00:23:46,460 --> 00:23:42,320

Republicans elected to the United States

542

00:23:49,600 --> 00:23:46,470

some vaccinations was Republican but on

543

00:23:51,980 --> 00:23:49,610

a serious night there is evidence that

544

00:23:54,110 --> 00:23:51,990

vaccines have the long-term safety and

545

00:23:55,880 --> 00:23:54,120

efficacy is in there yeah if you follow

546

00:23:59,720 --> 00:23:55,890

children people get vaccines long term

547

00:24:02,960 --> 00:23:59,730

there's no increase problems in kids who

548

00:24:05,570 --> 00:24:02,970

get vaccines now that's the best you can

549

00:24:08,680 --> 00:24:05,580

do and that's the ethical thing you can

550

00:24:10,360 --> 00:24:08,690

do I like the Polish study that actually

551

00:24:12,280 --> 00:24:10,370

this year that showed that kids who

552

00:24:16,150 --> 00:24:12,290

stuck with the MMR schedule I had less

553

00:24:18,430 --> 00:24:16,160

autism than those that stretched it out

554

00:24:20,610 --> 00:24:18,440

or didn't get it and I thought that was

555

00:24:22,660 --> 00:24:20,620

an intriguing study so how do you

556

00:24:24,640 --> 00:24:22,670

respond to people saying that you know

557

00:24:26,230 --> 00:24:24,650

polio hasn't really I mean hasn't

558

00:24:28,540 --> 00:24:26,240

disappeared but it hasn't really reduced

559

00:24:31,530 --> 00:24:28,550

they just renamed it so that we think

560

00:24:35,020 --> 00:24:31,540

it's around anymore I thought that was a

561

00:24:37,090 --> 00:24:35,030

smallpox smallpox is no chicken pox oh

562

00:24:39,250 --> 00:24:37,100

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

563

00:24:41,200 --> 00:24:39,260

it's interesting because that is the

564

00:24:43,560 --> 00:24:41,210

greatest transmogrification of all time

565

00:24:47,080 --> 00:24:43,570

because it completely changes genome

566

00:24:48,100 --> 00:24:47,090

from one hundred percent right i mean

567

00:24:50,200 --> 00:24:48,110

that's what's really weird is that you

568

00:24:51,730 --> 00:24:50,210

mean you can you can stretch out and

569

00:24:53,920 --> 00:24:51,740

read the entire genetic code of these

570

00:24:56,470 --> 00:24:53,930

viruses and say though that they just

571

00:24:58,660 --> 00:24:56,480

renamed it is it's just profoundly weird

572

00:25:00,490 --> 00:24:58,670

the guy who write these line questions

573

00:25:03,070 --> 00:25:00,500

is a natural passive is that correct

574

00:25:07,060 --> 00:25:03,080

yeah but you know what ND stands for not

575

00:25:08,470 --> 00:25:07,070

a doctor right so let's just change the

576

00:25:10,030 --> 00:25:08,480

subject for a moment let's talk a little

577

00:25:12,310 --> 00:25:10,040

bit about placebo because yourself

578

00:25:14,530 --> 00:25:12,320

myself and you on a panel on saturday

579

00:25:17,290 --> 00:25:14,540

talking about placebo medicine the only

580

00:25:18,880 --> 00:25:17,300

thing the placebo effect is is people

581

00:25:21,580 --> 00:25:18,890

convincing themselves they're better

582

00:25:24,730 --> 00:25:21,590

when they're not hmm there is no placebo

583

00:25:26,560 --> 00:25:24,740

effect it's a medical myth for the

584

00:25:29,020 --> 00:25:26,570

almost the entire part because when you

585

00:25:31,660 --> 00:25:29,030

look that it's only with subjective in

586

00:25:34,230 --> 00:25:31,670

come out in comes subjective outcomes

587

00:25:37,810 --> 00:25:34,240

where you see a placebo effect and

588

00:25:40,120 --> 00:25:37,820

subjective outcomes can't be trusted

589

00:25:44,050 --> 00:25:40,130

because when people are in studies they

590

00:25:46,090 --> 00:25:44,060

want to be of benefit they want to help

591

00:25:48,310 --> 00:25:46,100

it's the stockholder that go see that

592

00:25:50,350 --> 00:25:48,320

yeah you know people take on the

593

00:25:51,970 --> 00:25:50,360

characteristics of their kidnapers yeah

594

00:25:53,560 --> 00:25:51,980

yeah I mean that's what being in a study

595

00:25:55,090 --> 00:25:53,570

is like you want to please your doctor

596

00:25:56,230 --> 00:25:55,100

you don't want to help them they're

597

00:25:58,630 --> 00:25:56,240

going to tell them what they want to

598

00:26:01,210 --> 00:25:58,640

hear my in so I don't it's like that's

599

00:26:04,540 --> 00:26:01,220

interesting but I'd like to see a non

600

00:26:07,750 --> 00:26:04,550

subjective endpoint that says that there

601
00:26:11,020 --> 00:26:07,760
was actually what they said is true my

602
00:26:14,290 --> 00:26:11,030
as i remember it was that an acupuncture

603
00:26:17,020 --> 00:26:14,300
study for chemo where they had people to

604
00:26:18,130 --> 00:26:17,030
keep a diary they got chemo they kept it

605
00:26:19,769 --> 00:26:18,140
out of their nausea and vomiting and

606
00:26:22,709 --> 00:26:19,779
they got acupuncture and they kept it

607
00:26:25,440 --> 00:26:22,719
a diary other dodge and vomiting and

608
00:26:26,399 --> 00:26:25,450
they also ha this is right they all said

609
00:26:28,379 --> 00:26:26,409
that they got better with the

610
00:26:31,940 --> 00:26:28,389
acupuncture you look at their Diaries

611
00:26:34,310 --> 00:26:31,950
mmm no change mmm my other favorite is

612
00:26:36,779 --> 00:26:34,320
especially no I'm in my 50s is

613
00:26:38,399 --> 00:26:36,789

prosthetic hypertrophy so you get a big

614

00:26:42,690 --> 00:26:38,409

prostate we can't pee so they put people

615

00:26:45,060 --> 00:26:42,700

on on saw palmetto versus placebo both

616

00:26:46,649 --> 00:26:45,070

group said that they got better but they

617

00:26:48,930 --> 00:26:46,659

were measuring how hard they could pee

618

00:26:51,029 --> 00:26:48,940

you got an objective end point nobody

619

00:26:53,389 --> 00:26:51,039

changed through urodynamics and so if

620

00:26:57,839 --> 00:26:53,399

somebody tells you that they're better

621

00:27:00,329 --> 00:26:57,849

are they well that's an interesting

622

00:27:03,060 --> 00:27:00,339

philosophical question my other favorite

623

00:27:05,729 --> 00:27:03,070

is uh everyone seemed penn & teller's

624

00:27:08,310 --> 00:27:05,739

and the magnet one where they

625

00:27:10,499 --> 00:27:08,320

bend a downspout into the shape of a

626
00:27:11,669 --> 00:27:10,509
magnet and they paint it like a magnet

627
00:27:14,009 --> 00:27:11,679
and they hold it up to this lady's

628
00:27:16,139 --> 00:27:14,019
arthritic hand and she goes yeah it's

629
00:27:17,909 --> 00:27:16,149
better you know people tell you what you

630
00:27:19,529 --> 00:27:17,919
want to hear I don't think there's any

631
00:27:22,320 --> 00:27:19,539
placebo effect whatsoever I mean it's

632
00:27:23,609 --> 00:27:22,330
absolutely no effect it goes anything I

633
00:27:26,129 --> 00:27:23,619
mean when it comes to things like this

634
00:27:28,349 --> 00:27:26,139
is the the classic one is well at

635
00:27:30,239 --> 00:27:28,359
homeopathy is a lot is but it works on

636
00:27:32,700 --> 00:27:30,249
animals and children therefore it's real

637
00:27:35,549 --> 00:27:32,710
but that is really the placebo effect on

638
00:27:37,139 --> 00:27:35,559

the person observing the animal of the

639

00:27:39,659 --> 00:27:37,149

short child isn't it yeah I forget

640

00:27:42,089 --> 00:27:39,669

there's a nice article on placebo effect

641

00:27:45,479 --> 00:27:42,099

in animals on spm blanket on the guys

642

00:27:47,879 --> 00:27:45,489

name who wrote it he's a veterinarian oh

643

00:27:50,700 --> 00:27:47,889

yeah that's an excellent review but

644

00:27:53,669 --> 00:27:50,710

again is you're getting it fed through

645

00:27:56,909 --> 00:27:53,679

the lens as it were of the dog owner or

646

00:27:59,820 --> 00:27:56,919

the parent and you know how they report

647

00:28:03,810 --> 00:27:59,830

it you'd like to have an objective

648

00:28:05,430 --> 00:28:03,820

endpoint you know as Fineman said the

649

00:28:08,579 --> 00:28:05,440

whole purpose of studies is to try not

650

00:28:11,339 --> 00:28:08,589

to fool yourself and most people are

651
00:28:12,930 --> 00:28:11,349
spending the time fooling themselves is

652
00:28:16,139 --> 00:28:12,940
there any benefit instead of trying to

653
00:28:18,690 --> 00:28:16,149
harness these effects to perhaps improve

654
00:28:21,709 --> 00:28:18,700
the outcomes of your patients even if

655
00:28:23,879 --> 00:28:21,719
that little additional bit is placebo

656
00:28:25,950 --> 00:28:23,889
that's an interesting and all that

657
00:28:27,479 --> 00:28:25,960
giving it I feel like Bill Clinton it

658
00:28:29,940 --> 00:28:27,489
all depends on what the definition of is

659
00:28:30,300 --> 00:28:29,950
is it opens now you gotta find what you

660
00:28:33,380 --> 00:28:30,310
can

661
00:28:36,390 --> 00:28:33,390
to be a placebo intervention I mean

662
00:28:39,780 --> 00:28:36,400
patient physician interactions is a

663
00:28:41,820 --> 00:28:39,790

complex relationship and I know when I

664

00:28:44,040 --> 00:28:41,830

walk into a patient's room that how I

665

00:28:46,680 --> 00:28:44,050

say things and what I say and how I

666

00:28:49,680 --> 00:28:46,690

present it has a lot of power to

667

00:28:51,750 --> 00:28:49,690

motivate them or D motivate them to get

668

00:28:55,350 --> 00:28:51,760

them the up and about and moving or not

669

00:28:59,160 --> 00:28:55,360

and I you can't ever lie to patients

670

00:29:01,080 --> 00:28:59,170

that is verboten I mean but you there's

671

00:29:02,280 --> 00:29:01,090

a lot of ways you can tell the truth you

672

00:29:03,810 --> 00:29:02,290

can tell them you have a fifty percent

673

00:29:06,840 --> 00:29:03,820

chance of failing or fifty percent

674

00:29:07,890 --> 00:29:06,850

chance of getting better I'm gonna tell

675

00:29:10,080 --> 00:29:07,900

me up a percent chance of getting better

676

00:29:12,630 --> 00:29:10,090

if I think the patient's looking better

677

00:29:14,250 --> 00:29:12,640

I always tell them you're looking good

678

00:29:16,770 --> 00:29:14,260

today there's some there's someone there

679

00:29:18,780 --> 00:29:16,780

you look good you know get out and start

680

00:29:21,000 --> 00:29:18,790

walking you get out of here soon I try

681

00:29:23,040 --> 00:29:21,010

to be enthusiastic I upbeat with the

682

00:29:25,530 --> 00:29:23,050

patients as appropriate and is that a

683

00:29:28,800 --> 00:29:25,540

placebo effect probably am I harnessing

684

00:29:30,960 --> 00:29:28,810

the patient's belief in me and the

685

00:29:33,270 --> 00:29:30,970

system and the interaction to get them

686

00:29:35,100 --> 00:29:33,280

better yeah you got to do that sort of

687

00:29:36,000 --> 00:29:35,110

stuff but you can't give someone a pill

688

00:29:38,010 --> 00:29:36,010

and say you're going to be better to

689

00:29:40,350 --> 00:29:38,020

take this one is going to do nothing and

690

00:29:42,870 --> 00:29:40,360

if pain is a unique thing because

691

00:29:46,940 --> 00:29:42,880

there's a huge in the biz we call it a

692

00:29:50,160 --> 00:29:46,950

super tutorial component there's a big

693

00:29:53,730 --> 00:29:50,170

psychological emotional component with

694

00:29:55,710 --> 00:29:53,740

pain and if you've ever had pain and

695

00:29:57,660 --> 00:29:55,720

I've had a lot in my day you know it

696

00:29:59,700 --> 00:29:57,670

hurts more at eleven at night when

697

00:30:01,020 --> 00:29:59,710

you're lying in bed that it doesn't 11

698

00:30:03,270 --> 00:30:01,030

in the afternoon when you're busy at

699

00:30:06,870 --> 00:30:03,280

work you know if you're tired you heard

700

00:30:08,610 --> 00:30:06,880

more than if you not tired that and

701

00:30:11,910 --> 00:30:08,620

there's a lot of psychological / light

702

00:30:13,890 --> 00:30:11,920

the pain that is not that makes it more

703

00:30:15,810 --> 00:30:13,900

difficult to interpret so yeah you can

704

00:30:16,890 --> 00:30:15,820

counsel them you're going to get placebo

705

00:30:17,880 --> 00:30:16,900

and your paints going to get better and

706

00:30:21,270 --> 00:30:17,890

I believe that because you're going to

707

00:30:24,060 --> 00:30:21,280

relieve the psychological overlay to the

708

00:30:25,950 --> 00:30:24,070

pain which makes it very any olivia is

709

00:30:28,230 --> 00:30:25,960

always weird you'll see somebody who who

710

00:30:30,360 --> 00:30:28,240

is passing a kidney stone which has to

711

00:30:31,830 --> 00:30:30,370

be the worst pain ever sorry to all the

712

00:30:35,670 --> 00:30:31,840

women out there who say it's childbirth

713

00:30:38,520 --> 00:30:35,680

haha childbirth is number two no I'm not

714

00:30:40,070 --> 00:30:38,530

asking any stolen or not that's a child

715

00:30:43,039 --> 00:30:40,080

email him not me yeah

716

00:30:44,600 --> 00:30:43,049

so the cutie stone just looks worse and

717

00:30:46,009 --> 00:30:44,610

I would love to hear from anybody that's

718

00:30:49,519 --> 00:30:46,019

both paths two kidneys don't an had a

719

00:30:51,080 --> 00:30:49,529

child let's see what they said but would

720

00:30:53,029 --> 00:30:51,090

you say I don't need anything and other

721

00:30:54,710 --> 00:30:53,039

people who stub their toe and just act

722

00:30:57,080 --> 00:30:54,720

like you know then can I have some

723

00:30:58,990 --> 00:30:57,090

dilaudid for it I mean the the ability

724

00:31:02,000 --> 00:30:59,000

for people to deal of pain is

725

00:31:03,980 --> 00:31:02,010

interesting in its variety so there's a

726

00:31:06,740 --> 00:31:03,990

huge psychological and you get secondary

727

00:31:07,909 --> 00:31:06,750

gain from some people like narcotics so

728

00:31:10,340 --> 00:31:07,919

they'll play up the pain for the

729

00:31:12,590 --> 00:31:10,350

narcotics so don't I just want to finish

730

00:31:14,509 --> 00:31:12,600

up by asking you a question about on the

731

00:31:16,250 --> 00:31:14,519

topic of antidepressants and they cop a

732

00:31:18,529 --> 00:31:16,260

lot of criticism for purely being based

733

00:31:20,450 --> 00:31:18,539

on placebo or for having a large amount

734

00:31:22,070 --> 00:31:20,460

of their effect is placebo but when

735

00:31:25,220 --> 00:31:22,080

we're talking about subjective things

736

00:31:27,590 --> 00:31:25,230

and one and I guess depression is not

737

00:31:28,820 --> 00:31:27,600

necessarily a psychological illness in

738

00:31:32,840 --> 00:31:28,830

all cases I mean there is some evidence

739

00:31:35,389 --> 00:31:32,850

or biochemical balances but gee I mean

740

00:31:37,220 --> 00:31:35,399

big farmer often criticized for that

741

00:31:38,509 --> 00:31:37,230

because you know there's some evidence I

742

00:31:40,580 --> 00:31:38,519

up to forty to sixty percent of that

743

00:31:42,980 --> 00:31:40,590

effect is placebo but we can't really

744

00:31:44,690 --> 00:31:42,990

avoid that when it comes to that kind of

745

00:31:47,180 --> 00:31:44,700

issue can we know there's always going

746

00:31:50,840 --> 00:31:47,190

to do with illnesses a psychological

747

00:31:53,029 --> 00:31:50,850

component and depression is one of those

748

00:31:55,700 --> 00:31:53,039

and you're going to get those effects

749

00:31:57,799 --> 00:31:55,710

and the natural history of disease you

750

00:31:59,360 --> 00:31:57,809

know all of the three most dangerous

751
00:32:01,370 --> 00:31:59,370
words in medicine or in my experience

752
00:32:02,919 --> 00:32:01,380
but we all have the experience of people

753
00:32:05,509 --> 00:32:02,929
whose lives have been turned around

754
00:32:07,970 --> 00:32:05,519
rapidly by antidepressants warhead

755
00:32:09,590 --> 00:32:07,980
refractory depression for there's a

756
00:32:11,509 --> 00:32:09,600
horrible disease for those who suffer

757
00:32:12,560 --> 00:32:11,519
from it and you know studies are never

758
00:32:14,629 --> 00:32:12,570
as good as when they're published

759
00:32:16,220 --> 00:32:14,639
anybody as a clinician knows that I mean

760
00:32:17,659 --> 00:32:16,230
they talk about it oh there's been a

761
00:32:20,269 --> 00:32:17,669
brouhaha lightly about the decline

762
00:32:22,399 --> 00:32:20,279
effects you know but if you practice

763
00:32:23,960 --> 00:32:22,409

medicine you realize my rule of thumb is

764

00:32:25,700 --> 00:32:23,970

always the drugs are only half as good

765

00:32:27,919 --> 00:32:25,710

as the published studies in the real

766

00:32:29,659 --> 00:32:27,929

world you don't have all the bias and

767

00:32:31,879 --> 00:32:29,669

this patient selection all things that

768

00:32:33,139 --> 00:32:31,889

go into developing a perfect trial in

769

00:32:34,970 --> 00:32:33,149

the real world everything works about

770

00:32:38,120 --> 00:32:34,980

half as good as the published stuff and

771

00:32:40,129 --> 00:32:38,130

so since you think about that for most

772

00:32:41,720 --> 00:32:40,139

scams they have barely any effect at all

773

00:32:43,310 --> 00:32:41,730

so if they're half as good as barely

774

00:32:45,080 --> 00:32:43,320

there probably sliding over into the

775

00:32:45,670 --> 00:32:45,090

negative in terms of any effect they're

776

00:32:47,020 --> 00:32:45,680

going to have them

777

00:32:48,790 --> 00:32:47,030

well the part causing disease rather

778

00:32:50,080 --> 00:32:48,800

than treating it yeah that's not true

779

00:32:52,120 --> 00:32:50,090

because my Nana who lives down the road

780

00:32:54,430 --> 00:32:52,130

from my friend told my dog's brother

781

00:32:55,780 --> 00:32:54,440

that it works therefore it works just

782

00:32:57,310 --> 00:32:55,790

good enough for me yeah it's a

783

00:33:01,750 --> 00:32:57,320

testimonial right there for you Mike

784

00:33:04,720 --> 00:33:01,760

Christmas yeah talking dog guys target

785

00:33:08,260 --> 00:33:04,730

dogs and unicorn farts see you let

786

00:33:09,910 --> 00:33:08,270

something yeah yeah yeah well mark

787

00:33:11,350 --> 00:33:09,920

thanks very much for joining us today I

788

00:33:13,060 --> 00:33:11,360

was getting going and I look forward to

789

00:33:14,920 --> 00:33:13,070

the panel on Saturday where can a

790

00:33:17,200 --> 00:33:14,930

license find out more about you and your

791

00:33:19,990 --> 00:33:17,210

podcast my website is more marked

792

00:33:23,200 --> 00:33:20,000

squarespace com and in my podcasts are

793

00:33:24,940 --> 00:33:23,210

on three of them are on itunes and then

794

00:33:26,440 --> 00:33:24,950

I write for science-based medicine and

795

00:33:28,960 --> 00:33:26,450

the infectious disease blogger for

796

00:33:32,800 --> 00:33:28,970

medscape he does that make the skill by

797

00:33:34,930 --> 00:33:32,810

right from sk oh I'm a Smith

798

00:33:39,270 --> 00:33:34,940

skype yo man national energy to help no

799

00:33:46,870 --> 00:33:39,280

as ask it's an old god I'm Michelle I

800

00:33:50,200 --> 00:33:46,880

Rochelle Oh official kiss you oh my god

801
00:33:54,130 --> 00:33:50,210
Oh second is it second hand showing but

802
00:33:56,110 --> 00:33:54,140
I was shown the world oh I'm sorry God

803
00:33:57,790 --> 00:33:56,120
kill myself didn't please don't please

804
00:34:01,840 --> 00:33:57,800
I've got to the turn of the opening

805
00:34:04,810 --> 00:34:01,850
function of Terran I wouldn't be Parma

806
00:34:15,850 --> 00:34:04,820
shield sure okay thanks for joining us

807
00:34:22,100 --> 00:34:19,610
hi this is scary papi i am ross Fletcher

808
00:34:25,550 --> 00:34:22,110
okay Ross hey we're from a podcast

809
00:34:27,290 --> 00:34:25,560
called oh no Ross and Carrie we find out

810
00:34:28,669 --> 00:34:27,300
what happens when you show up and ask

811
00:34:30,919 --> 00:34:28,679
questions we've hung out with the

812
00:34:33,500 --> 00:34:30,929
Cabalists the Mormons we've gone and

813
00:34:35,930 --> 00:34:33,510

gotten ear candle gone to the Sikhs we

814

00:34:37,550 --> 00:34:35,940

show up so you don't have to so find out

815

00:34:39,650 --> 00:34:37,560

where we're going next we'll even have

816

00:34:42,080 --> 00:34:39,660

special episodes where we have famous

817

00:34:44,060 --> 00:34:42,090

guests like Brian Dalton from mr. deity

818

00:34:46,100 --> 00:34:44,070

you heard that awesome theme music he

819

00:34:50,270 --> 00:34:46,110

wrote that you should come visit us at

820

00:34:53,060 --> 00:34:50,280

Oh No podcast.com or facebook.com slash

821

00:34:57,170 --> 00:34:53,070

on rack what the hell's honor a cross Oh

822

00:35:03,310 --> 00:34:57,180

in RAC oh oh no Ross and Carrie that's

823

00:35:11,809 --> 00:35:08,510

here's my not spooky action at the

824

00:35:15,960 --> 00:35:14,400

may not hear reporting for the skeptic

825

00:35:17,339 --> 00:35:15,970

zone tonight because I want to find out

826

00:35:19,470 --> 00:35:17,349

from two of the performers that about to

827

00:35:21,450 --> 00:35:19,480

go on why do you think skeptics and

828

00:35:22,980 --> 00:35:21,460

atheists get such a bad rap for not

829

00:35:24,089 --> 00:35:22,990

being party people and being dull which

830

00:35:26,220 --> 00:35:24,099

is part of the reason they wanted to put

831

00:35:28,349 --> 00:35:26,230

this on tonight Matt you first mate as

832

00:35:30,510 --> 00:35:28,359

well I think it's probably just because

833

00:35:33,299 --> 00:35:30,520

there's not an awful lot of exposure to

834

00:35:35,760 --> 00:35:33,309

atheism in mainstream culture so it's

835

00:35:37,319 --> 00:35:35,770

it's only a fairly narrow minded

836

00:35:39,450 --> 00:35:37,329

stereotypical view that would create

837

00:35:40,829 --> 00:35:39,460

that I think if you actually saw what

838

00:35:43,559 --> 00:35:40,839

was happening in here you'd see a lot of

839

00:35:46,710 --> 00:35:43,569

people enjoying themselves so it's that

840

00:35:48,539 --> 00:35:46,720

just comes from a lack of awareness I

841

00:35:50,069 --> 00:35:48,549

suppose yeah I mean they tend to get a

842

00:35:52,019 --> 00:35:50,079

reputation around the campus as being

843

00:35:53,339 --> 00:35:52,029

the Nerds for some reason although most

844

00:35:55,529 --> 00:35:53,349

of them don't do the scientist there's

845

00:35:56,880 --> 00:35:55,539

just as many in the arts yeah to be

846

00:35:59,789 --> 00:35:56,890

honest I wouldn't know that much about

847

00:36:01,349 --> 00:35:59,799

that I'm never been a student so that's

848

00:36:03,420 --> 00:36:01,359

probably not my place to comment on it

849

00:36:06,299 --> 00:36:03,430

but I don't know I've got made to a

850

00:36:08,400 --> 00:36:06,309

nerds and they're hilarious so I don't

851

00:36:11,430 --> 00:36:08,410

see what being intelligent and

852

00:36:12,990 --> 00:36:11,440

articulate has to do with having fun and

853

00:36:14,609 --> 00:36:13,000

cool so you're the warm-up back so what

854

00:36:16,620 --> 00:36:14,619

sort of you know you've got Simon here

855

00:36:17,700 --> 00:36:16,630

now you obviously can't do too good well

856

00:36:19,470 --> 00:36:17,710

she gonna make someone look bad so

857

00:36:21,720 --> 00:36:19,480

what's going through your head right now

858

00:36:24,690 --> 00:36:21,730

minutes before the crucial processing on

859

00:36:26,519 --> 00:36:24,700

to the threshold of the stage absolutely

860

00:36:28,950 --> 00:36:26,529

nothing I try not to think before I go

861

00:36:31,500 --> 00:36:28,960

on stage let's just go out and do it and

862

00:36:32,789 --> 00:36:31,510

enjoy it it was that what style about

863

00:36:34,079 --> 00:36:32,799

comedy will be doing tonight

864

00:36:37,289 --> 00:36:34,089

unfortunately I haven't heard you

865

00:36:40,710 --> 00:36:37,299

perform before so I'm I would describe

866

00:36:43,170 --> 00:36:40,720

myself as a surrealist / absurdist it's

867

00:36:44,760 --> 00:36:43,180

it's out there does that mean a lot of

868

00:36:47,099 --> 00:36:44,770

stuff free wheels on stage and your head

869

00:36:49,260 --> 00:36:47,109

a lot of stuff is made up on stage it

870

00:36:51,150 --> 00:36:49,270

depends on the audience if if people are

871

00:36:53,849 --> 00:36:51,160

willing to interact with me I'm always

872

00:36:55,260 --> 00:36:53,859

happy to be in the back but if every day

873

00:36:57,120 --> 00:36:55,270

and then you get a crowd he just wants

874

00:36:58,529 --> 00:36:57,130

to sit in here punchlines and I'm happy

875

00:37:00,329 --> 00:36:58,539

to give them to him so just say what

876
00:37:02,430 --> 00:37:00,339
happens I suppose we'll have a good time

877
00:37:04,319 --> 00:37:02,440
up there cheers man I look at the other

878
00:37:05,549 --> 00:37:04,329
non nervous looking person normally arms

879
00:37:07,410 --> 00:37:05,559
nervous as hell before I go on and do

880
00:37:09,059 --> 00:37:07,420
anything so Simon why you so relax it

881
00:37:10,440 --> 00:37:09,069
and he's relaxed to you like it goes on

882
00:37:12,120 --> 00:37:10,450
opium or something what's happening here

883
00:37:13,950 --> 00:37:12,130
no we're just hanging out I'm you know

884
00:37:15,920 --> 00:37:13,960
been doing this for a while and someone

885
00:37:19,010 --> 00:37:15,930
said do get stage fright I go no I get

886
00:37:20,570 --> 00:37:19,020
stage cravings like I most of my life is

887
00:37:23,420 --> 00:37:20,580
dedicated to trying to get more stage

888
00:37:25,820 --> 00:37:23,430

time so this is what I'm about so I mean

889

00:37:27,770 --> 00:37:25,830

I'm enjoying the anticipation and when

890

00:37:30,290 --> 00:37:27,780

I'm up there I'm enjoying it as well now

891

00:37:32,750 --> 00:37:30,300

look Rob viously a funny guy a guy like

892

00:37:34,910 --> 00:37:32,760

who is a comedian and people said oh

893

00:37:37,430 --> 00:37:34,920

there's an atheist skeptical comic

894

00:37:39,110 --> 00:37:37,440

coming I think that that's great but I

895

00:37:40,850 --> 00:37:39,120

mean do you really need those labels I

896

00:37:42,350 --> 00:37:40,860

mean to me you just seemed like a really

897

00:37:45,560 --> 00:37:42,360

interesting guy does great word play

898

00:37:49,010 --> 00:37:45,570

from your website well the labels can be

899

00:37:53,420 --> 00:37:49,020

helpful in one sense because when i was

900

00:37:55,190 --> 00:37:53,430

first finding my voices as far as

901
00:37:58,490 --> 00:37:55,200
expressing my beliefs in my thoughts

902
00:38:01,010 --> 00:37:58,500
when I was about 18 19 it was important

903
00:38:03,080 --> 00:38:01,020
for me to know that they were validated

904
00:38:05,750 --> 00:38:03,090
by a body of people like skeptics an

905
00:38:08,450 --> 00:38:05,760
atheist so that did help but beyond that

906
00:38:10,490 --> 00:38:08,460
I just wanted to be positive about what

907
00:38:13,670 --> 00:38:10,500
I do life and what I do believe in and

908
00:38:15,800 --> 00:38:13,680
that's I'm them big psychology person so

909
00:38:17,900 --> 00:38:15,810
what I want to see is I want to see

910
00:38:20,480 --> 00:38:17,910
comedy about psychology and about people

911
00:38:22,190 --> 00:38:20,490
and about interesting things so I write

912
00:38:25,040 --> 00:38:22,200
the show that I would want to see and

913
00:38:26,840 --> 00:38:25,050

that's just my philosophy that if I

914

00:38:28,580 --> 00:38:26,850

write what I would want to see hopefully

915

00:38:30,920 --> 00:38:28,590

there's an audience out there who does

916

00:38:33,740 --> 00:38:30,930

too and generally that sort of open

917

00:38:35,500 --> 00:38:33,750

overlaps with the atheist societies in

918

00:38:37,840 --> 00:38:35,510

the skeptic societies

919

00:38:39,310 --> 00:38:37,850

now your new shows called 10 things are

920

00:38:42,010 --> 00:38:39,320

no value is that correct that is correct

921

00:38:43,690 --> 00:38:42,020

why only 10 I mean anything to do with

922

00:38:45,400 --> 00:38:43,700

psychology will tell you there that you

923

00:38:48,280 --> 00:38:45,410

open the book of psychological illnesses

924

00:38:50,440 --> 00:38:48,290

there's a lot more than 10 sure is and a

925

00:38:54,610 --> 00:38:50,450

lot more coming what's my favorite new

926

00:38:56,320 --> 00:38:54,620

one I orthorexia nervosa that's my

927

00:38:58,180 --> 00:38:56,330

favorite new one that's the unhealthy

928

00:38:59,740 --> 00:38:58,190

obsession with healthy eating that means

929

00:39:01,210 --> 00:38:59,750

you'll you'll eat a carrot and if you

930

00:39:02,590 --> 00:39:01,220

don't take that carrot to work you will

931

00:39:04,390 --> 00:39:02,600

eat nothing until you get home except

932

00:39:05,590 --> 00:39:04,400

maybe elite I've made pies on the way

933

00:39:09,070 --> 00:39:05,600

home because she didn't take the carrot

934

00:39:10,870 --> 00:39:09,080

the irony is beautiful it's there are

935

00:39:13,030 --> 00:39:10,880

way more than 10 things but when you

936

00:39:15,910 --> 00:39:13,040

want to package a show and it's a

937

00:39:17,980 --> 00:39:15,920

50-minute show for fringe festival you

938

00:39:20,890 --> 00:39:17,990

package the show and you say what at one

939

00:39:22,990 --> 00:39:20,900

of my 10 highlights and what am I most

940

00:39:24,220 --> 00:39:23,000

excited about and then if you sort of

941

00:39:25,540 --> 00:39:24,230

plant that seed with the audience and

942

00:39:26,770 --> 00:39:25,550

they'll go out and they'll get excited

943

00:39:29,380 --> 00:39:26,780

too and they'll go explore the the

944

00:39:31,720 --> 00:39:29,390

millions of exciting things that that

945

00:39:33,760 --> 00:39:31,730

that the mind holds now big business for

946

00:39:36,280 --> 00:39:33,770

a skeptical podcast is there any kind of

947

00:39:38,080 --> 00:39:36,290

whoo is there any kind of illogic that

948

00:39:40,180 --> 00:39:38,090

annoys you the most for some people it's

949

00:39:41,980 --> 00:39:40,190

astrology of course a lot of people hate

950

00:39:44,290 --> 00:39:41,990

the anti-vaxxers of course what's the

951
00:39:46,600 --> 00:39:44,300
one that really annoys you the most well

952
00:39:50,140 --> 00:39:46,610
I don't actually focus on them I suppose

953
00:39:53,110 --> 00:39:50,150
when I was 18 and 19 they it was just

954
00:39:54,940 --> 00:39:53,120
everything it was just the the style of

955
00:39:57,520 --> 00:39:54,950
thinking of believing without a good

956
00:39:59,140 --> 00:39:57,530
reason that approach to thinking was

957
00:40:01,390 --> 00:39:59,150
something that annoyed me but now I just

958
00:40:04,150 --> 00:40:01,400
focus my energy on the things that are

959
00:40:06,010 --> 00:40:04,160
positive to me on on learning and

960
00:40:08,290 --> 00:40:06,020
discovery and I think there's an

961
00:40:10,720 --> 00:40:08,300
excitement of there comes from

962
00:40:12,190 --> 00:40:10,730
exploration and trying to understand the

963
00:40:14,830 --> 00:40:12,200

world and understand yourself so that's

964

00:40:18,190 --> 00:40:14,840

where my focus lies and why do you think

965

00:40:19,660 --> 00:40:18,200

of skeptics almost considered crackpots

966

00:40:21,310 --> 00:40:19,670

with evidence a lot of people feel about

967

00:40:22,450 --> 00:40:21,320

them that way because they're seem like

968

00:40:23,620 --> 00:40:22,460

they're a bit of weird people you don't

969

00:40:25,330 --> 00:40:23,630

want to talk to because they have an

970

00:40:27,120 --> 00:40:25,340

agenda and just because I feel they've

971

00:40:29,490 --> 00:40:27,130

got evidence they're strange

972

00:40:31,620 --> 00:40:29,500

well it's always reacting to the most

973

00:40:33,890 --> 00:40:31,630

extreme in that group so the most

974

00:40:37,050 --> 00:40:33,900

extreme in that group will be very

975

00:40:39,720 --> 00:40:37,060

adamant about at every sin every

976

00:40:42,330 --> 00:40:39,730

situation state all the facts and always

977

00:40:45,840 --> 00:40:42,340

refer to evidence evidence evidence but

978

00:40:50,310 --> 00:40:45,850

I mean that is just the sensational

979

00:40:51,600 --> 00:40:50,320

ization of that group but I bigger the

980

00:40:53,550 --> 00:40:51,610

bigger the group is the more diversity

981

00:40:54,960 --> 00:40:53,560

there is in it hands a lot of people

982

00:40:56,070 --> 00:40:54,970

have been signing up tonight I've

983

00:40:57,660 --> 00:40:56,080

noticed people when they're buying

984

00:40:59,610 --> 00:40:57,670

tickets are signed up and there is

985

00:41:01,230 --> 00:40:59,620

diverse as they get so as you said

986

00:41:03,450 --> 00:41:01,240

earlier they're not necessarily just

987

00:41:05,280 --> 00:41:03,460

science students there you know

988

00:41:08,300 --> 00:41:05,290

economics students and commerce students

989

00:41:11,400 --> 00:41:08,310

and art students because if you

990

00:41:12,960 --> 00:41:11,410

appreciate a style of thought then you

991

00:41:15,180 --> 00:41:12,970

can appreciate what skeptics and

992

00:41:16,650 --> 00:41:15,190

atheists are about it and they seem like

993

00:41:17,820 --> 00:41:16,660

a bunch of people you wouldn't mind

994

00:41:19,650 --> 00:41:17,830

working to whether it looks like they're

995

00:41:21,840 --> 00:41:19,660

going to be a fun crowd tonight I think

996

00:41:23,850 --> 00:41:21,850

so yeah I'm actually quite excited as I

997

00:41:26,070 --> 00:41:23,860

hear the buzz slowly rise in the room so

998

00:41:27,540 --> 00:41:26,080

looking forward to it and what are you

999

00:41:28,980 --> 00:41:27,550

coming up soon are you doing at other

1000

00:41:30,360 --> 00:41:28,990

conferences you've got the fringe

1001
00:41:33,270 --> 00:41:30,370
festival in Melbourne coming up what's

1002
00:41:36,000 --> 00:41:33,280
happening well yes I opened my my brand

1003
00:41:38,160 --> 00:41:36,010
new show in melbourne next week for a

1004
00:41:41,130 --> 00:41:38,170
Melbourne fringe and I've got a lot of

1005
00:41:43,590 --> 00:41:41,140
workshops going on as well a lot of non

1006
00:41:45,300 --> 00:41:43,600
for profit groups find my skill sets

1007
00:41:48,000 --> 00:41:45,310
useful in in the world of entertainment

1008
00:41:51,990 --> 00:41:48,010
so I like to do those as well and that I

1009
00:41:54,150 --> 00:41:52,000
think that's I think that's useful too

1010
00:41:58,440 --> 00:41:54,160
for me I feel I feel useful i feel like

1011
00:42:00,120 --> 00:41:58,450
i've got some utilitarian value it when

1012
00:42:01,620 --> 00:42:00,130
i feel like in contributing to not just

1013
00:42:03,990 --> 00:42:01,630

you know making people laugh i'm

1014

00:42:06,060 --> 00:42:04,000

actually imparting some of my skill set

1015

00:42:07,500 --> 00:42:06,070

to other people and let's get some

1016

00:42:08,940 --> 00:42:07,510

labels going here because you know it's

1017

00:42:11,310 --> 00:42:08,950

all about labels sometimes how would you

1018

00:42:13,860 --> 00:42:11,320

describe your style of comedy I've seen

1019

00:42:15,780 --> 00:42:13,870

you do great wordplay I've seen you

1020

00:42:17,370 --> 00:42:15,790

doing it really twisting rounds and

1021

00:42:18,660 --> 00:42:17,380

funny situations turning them on their

1022

00:42:19,980 --> 00:42:18,670

head how would you describe it for

1023

00:42:22,980 --> 00:42:19,990

people who haven't seen you before I

1024

00:42:25,170 --> 00:42:22,990

suppose I'm very lyrical and I'm very

1025

00:42:27,450 --> 00:42:25,180

logical so if I'm talking about a

1026
00:42:29,670 --> 00:42:27,460
situational I'll break the logic down in

1027
00:42:33,510 --> 00:42:29,680
it and try to explore the ideas behind

1028
00:42:36,150 --> 00:42:33,520
something so I yeah I think lyrical and

1029
00:42:37,770 --> 00:42:36,160
logical are they're not really labels

1030
00:42:40,020 --> 00:42:37,780
but they're the best attitude

1031
00:42:42,540 --> 00:42:40,030
to describe what you will see when you

1032
00:42:43,560 --> 00:42:42,550
watch my show look you get up there or

1033
00:42:45,090 --> 00:42:43,570
get out of your face you have a great

1034
00:42:48,300 --> 00:42:45,100
show tonight is I very much appreciated

1035
00:42:49,770 --> 00:42:48,310
cheers well that may not hit reporting

1036
00:42:51,390 --> 00:42:49,780
for the skipped exam with a few people

1037
00:42:52,650 --> 00:42:51,400
and i'm with brett who was one of the

1038
00:42:54,480 --> 00:42:52,660

people that has tried to organize

1039

00:42:56,490 --> 00:42:54,490

putting this on now basically tonight

1040

00:42:57,870 --> 00:42:56,500

you have tried to prove that atheists

1041

00:43:00,720 --> 00:42:57,880

and skeptics can be party people

1042

00:43:02,670 --> 00:43:00,730

definitely definitely like the whole way

1043

00:43:04,770 --> 00:43:02,680

we're not here to have a go up religion

1044

00:43:06,900 --> 00:43:04,780

tonight we here to talk about the

1045

00:43:10,230 --> 00:43:06,910

positive things that you can experience

1046

00:43:13,530 --> 00:43:10,240

without religion maybe yeah just have a

1047

00:43:14,490 --> 00:43:13,540

lot of fun otherwise okay and look at a

1048

00:43:16,200 --> 00:43:14,500

few of the people here they're going to

1049

00:43:17,640 --> 00:43:16,210

be here these the assistant guy that's

1050

00:43:19,710 --> 00:43:17,650

been organizing this what are you

1051
00:43:20,940 --> 00:43:19,720
expecting to have happen tonight we're

1052
00:43:22,800 --> 00:43:20,950
just hoping everyone we have a good time

1053
00:43:25,230 --> 00:43:22,810
and yeah just got a bit a laugh out of

1054
00:43:27,930 --> 00:43:25,240
it nicely why do you think skeptics get

1055
00:43:31,170 --> 00:43:27,940
such a bad rap is being nerds I suppose

1056
00:43:34,500 --> 00:43:31,180
skepticism is mostly people interpreters

1057
00:43:37,560 --> 00:43:34,510
a negative term mostly because everyone

1058
00:43:39,980 --> 00:43:37,570
seeks to discredit any ideas that people

1059
00:43:42,059 --> 00:43:39,990
might put forward so

1060
00:43:43,470 --> 00:43:42,069
let's have a drink I'll hang on we

1061
00:43:45,210 --> 00:43:43,480
should think about that first is that

1062
00:43:46,890 --> 00:43:45,220
the problem you think they've got it's

1063
00:43:48,000 --> 00:43:46,900

probably a bit extreme but yeah probably

1064

00:43:51,359 --> 00:43:48,010

with something along those lines here

1065

00:43:54,120 --> 00:43:51,369

and why do you think you know skipped it

1066

00:43:55,890 --> 00:43:54,130

to get such a bad rap I suppose it's

1067

00:43:58,349 --> 00:43:55,900

just a stereotype like a lot of

1068

00:44:00,930 --> 00:43:58,359

stereotypes out there and once people

1069

00:44:02,760 --> 00:44:00,940

get an idea and they had then it's hard

1070

00:44:04,799 --> 00:44:02,770

to change the view of a lot of people

1071

00:44:07,500 --> 00:44:04,809

how would you describe the audience's

1072

00:44:08,609 --> 00:44:07,510

here in our they like fantastic food

1073

00:44:10,890 --> 00:44:08,619

group of people that are here to have a

1074

00:44:13,529 --> 00:44:10,900

good time and hopefully get some good

1075

00:44:15,599 --> 00:44:13,539

entertainment and why do you think

1076

00:44:19,710 --> 00:44:15,609

skeptics he had such a bad rap because

1077

00:44:24,150 --> 00:44:19,720

son ISM so special and the Sun rules the

1078

00:44:29,220 --> 00:44:24,160

world and it's the major player in the

1079

00:44:31,260 --> 00:44:29,230

worlds spiritual belief system and if we

1080

00:44:33,630 --> 00:44:31,270

all could believe in the Sun there

1081

00:44:36,569 --> 00:44:33,640

wouldn't be any need for God because God

1082

00:44:38,970 --> 00:44:36,579

stops can I say that even though you

1083

00:44:41,460 --> 00:44:38,980

seem to have a non deist way of thinking

1084

00:44:43,799 --> 00:44:41,470

the burden of proof is a hell of a lot

1085

00:44:45,839 --> 00:44:43,809

on you after saying that I didn't

1086

00:44:48,539 --> 00:44:45,849

understand what you said well the burden

1087

00:44:50,940 --> 00:44:48,549

of proof was Russia proof I the Sun you

1088

00:44:54,420 --> 00:44:50,950

look at the Sun and he see the proof if

1089

00:44:58,859 --> 00:44:54,430

it wasn't there we wouldn't exist

1090

00:45:00,540 --> 00:44:58,869

the sun's the duty of the world now

1091

00:45:03,660 --> 00:45:00,550

Martin I'm tonight's a bit of an atheist

1092

00:45:05,250 --> 00:45:03,670

blowout skeptical comedy night why do

1093

00:45:07,020 --> 00:45:05,260

you think skeptics gets in a bit of a

1094

00:45:08,849 --> 00:45:07,030

bad rap for being party poopers and

1095

00:45:11,339 --> 00:45:08,859

maybe not that much fun I didn't know

1096

00:45:13,079 --> 00:45:11,349

they did well look this is in the

1097

00:45:14,640 --> 00:45:13,089

general community you say you know I'm a

1098

00:45:16,109 --> 00:45:14,650

skeptic and they look at you like what

1099

00:45:18,780 --> 00:45:16,119

what is there something you don't like

1100

00:45:20,069 --> 00:45:18,790

or something here and maybe atheist is

1101

00:45:22,140 --> 00:45:20,079

well going to be a rap like that you

1102

00:45:23,819 --> 00:45:22,150

know yeah look I don't know I'm

1103

00:45:24,809 --> 00:45:23,829

efficient so we get that rap too so

1104

00:45:26,790 --> 00:45:24,819

maybe that's something we've got in

1105

00:45:28,799 --> 00:45:26,800

common well maybe that there's common

1106

00:45:30,030 --> 00:45:28,809

stereotypes of both swords yeah that

1107

00:45:31,200 --> 00:45:30,040

could be right yeah actually could you

1108

00:45:33,180 --> 00:45:31,210

tell me what your favorite book of the

1109

00:45:35,490 --> 00:45:33,190

Bible is because i like i like having a

1110

00:45:38,520 --> 00:45:35,500

chat oh I made look look they're all

1111

00:45:40,049 --> 00:45:38,530

good maybe I'll go with Romans and sets

1112

00:45:42,720 --> 00:45:40,059

out what Christians believe so clearly

1113

00:45:43,890 --> 00:45:42,730

yeah and you do often mix with the

1114

00:45:45,000 --> 00:45:43,900

atheists and have a bit of a chat with

1115

00:45:47,160 --> 00:45:45,010

them yeah we've got a really good

1116

00:45:49,140 --> 00:45:47,170

relationship there's a bunch of us

1117

00:45:51,420 --> 00:45:49,150

Christians who tend to come to events

1118

00:45:53,640 --> 00:45:51,430

the idea society puts on and likewise

1119

00:45:54,809 --> 00:45:53,650

they come on to some of ours and we kept

1120

00:45:56,430 --> 00:45:54,819

up and talk so we've got a good

1121

00:45:57,809 --> 00:45:56,440

relationship this is so cool because

1122

00:45:58,950 --> 00:45:57,819

I've spoken to bread about you guys

1123

00:46:00,180 --> 00:45:58,960

doing this and it's great to actually

1124

00:46:02,039 --> 00:46:00,190

meet one of the guys because I think

1125

00:46:03,930 --> 00:46:02,049

it's great to engage and discuss what

1126
00:46:05,700 --> 00:46:03,940
you think and what you think about what

1127
00:46:07,319 --> 00:46:05,710
other person thinks and if you find that

1128
00:46:09,539 --> 00:46:07,329
a good thing as a Christian I definitely

1129
00:46:11,760 --> 00:46:09,549
absolutely yeah I think we need to I

1130
00:46:12,960 --> 00:46:11,770
mean I think one thing we do have in

1131
00:46:15,000 --> 00:46:12,970
common is we're both interested in the

1132
00:46:18,150 --> 00:46:15,010
question about what life's all about and

1133
00:46:19,770 --> 00:46:18,160
so we can engage in a discussion about

1134
00:46:21,420 --> 00:46:19,780
the big questions in life and I think

1135
00:46:22,829 --> 00:46:21,430
that's important and do you think there

1136
00:46:24,960 --> 00:46:22,839
is any main common ground between

1137
00:46:28,319 --> 00:46:24,970
atheists and theists that's a general

1138
00:46:30,720 --> 00:46:28,329

common ground I think talking to I think

1139

00:46:33,660 --> 00:46:30,730

to say two things of common ground I

1140

00:46:35,760 --> 00:46:33,670

think most of a lot of people i take

1141

00:46:38,069 --> 00:46:35,770

talked to in the Atheist society have a

1142

00:46:39,780 --> 00:46:38,079

similar view of truth to Christians in

1143

00:46:41,940 --> 00:46:39,790

that they believe there is absolute

1144

00:46:44,460 --> 00:46:41,950

truth and that we can find it through

1145

00:46:46,380 --> 00:46:44,470

searching secondly I think another point

1146

00:46:47,400 --> 00:46:46,390

of common ground is that where a lot of

1147

00:46:49,319 --> 00:46:47,410

guys in the eighth in society are

1148

00:46:51,599 --> 00:46:49,329

interested in the question whereas I

1149

00:46:53,700 --> 00:46:51,609

think maybe there are many people

1150

00:46:55,230 --> 00:46:53,710

students at uni or just in society in

1151
00:46:58,289 --> 00:46:55,240
general who are quite apathetic about

1152
00:46:59,670 --> 00:46:58,299
even asking what's what are we here for

1153
00:47:03,480 --> 00:46:59,680
what's life about

1154
00:47:04,710 --> 00:47:03,490
yeah so I think it's time for laughs

1155
00:47:06,210 --> 00:47:04,720
about having some laughs and I'd so

1156
00:47:16,250 --> 00:47:06,220
enjoy yourself so thanks very much shake

1157
00:47:22,230 --> 00:47:19,440
good evening ladies and gentlemen my

1158
00:47:27,390 --> 00:47:22,240
name is Manny be part-time comedian

1159
00:47:31,349 --> 00:47:27,400
full-time taxidermy enthusiast it's nice

1160
00:47:34,859 --> 00:47:31,359
to be here actually have this little

1161
00:47:37,200 --> 00:47:34,869
ambition in comedy to to walk out onto

1162
00:47:39,930 --> 00:47:37,210
the stage and ask the crowd how they're

1163
00:47:43,319 --> 00:47:39,940

going and have everyone reply just in

1164

00:47:44,790 --> 00:47:43,329

unison Maddie we're going great in fact

1165

00:47:46,200 --> 00:47:44,800

we're having such a good night that

1166

00:47:48,150 --> 00:47:46,210

afterwards where we're going to chip in

1167

00:47:49,680 --> 00:47:48,160

and construct the 12-foot origami funny

1168

00:47:55,910 --> 00:47:49,690

bone in commemoration of tonight's

1169

00:48:20,539 --> 00:47:59,089

I didn't even hear that what I'm going

1170

00:48:22,910 --> 00:48:20,549

to shoot it's funny hello Newcastle oh

1171

00:48:25,280 --> 00:48:22,920

how the old you represent New Castle

1172

00:48:26,870 --> 00:48:25,290

Rock their ambassadors right at the

1173

00:48:29,780 --> 00:48:26,880

front good to see you alone we're

1174

00:48:32,270 --> 00:48:29,790

excited I'm going to silence you with my

1175

00:48:33,920 --> 00:48:32,280

up good to see hello everyone this is

1176

00:48:36,020 --> 00:48:33,930

nice thank you for having me I've got

1177

00:48:37,700 --> 00:48:36,030

such a good feeling about this I've got

1178

00:48:38,770 --> 00:48:37,710

such a good feeling in my uterus right

1179

00:48:41,329 --> 00:48:38,780

now we're going to have a wonderful

1180

00:48:42,770 --> 00:48:41,339

wonderful night I've been traveling a

1181

00:48:45,380 --> 00:48:42,780

lot actually I'm pleased to be in

1182

00:48:47,569 --> 00:48:45,390

Newcastle I was been doing cruise ships

1183

00:48:50,150 --> 00:48:47,579

around australia i was on the Princess

1184

00:48:52,250 --> 00:48:50,160

dawn sends it all sounds exciting

1185

00:48:54,289 --> 00:48:52,260

doesn't the Princess dawn luxury cruise

1186

00:48:59,270 --> 00:48:54,299

ship it takes you to strange and exotic

1187

00:49:00,859 --> 00:48:59,280

places like I get to Perth they say just

1188

00:49:03,289 --> 00:49:00,869

remember there's three hours behind

1189

00:49:08,690 --> 00:49:03,299

Nolan I got three hours I think you've

1190

00:49:10,250 --> 00:49:08,700

been generous by about in years but i

1191

00:49:12,289 --> 00:49:10,260

had no trouble I thought I got to go to

1192

00:49:13,819 --> 00:49:12,299

some great places when I was at turn

1193

00:49:15,349 --> 00:49:13,829

some of this stuff around I got to go to

1194

00:49:18,740 --> 00:49:15,359

seal for anyone with the singer waters

1195

00:49:21,380 --> 00:49:18,750

meet me at 101 simple feds in their

1196

00:49:23,809 --> 00:49:21,390

house I went to a nightclub in Singapore

1197

00:49:26,319 --> 00:49:23,819

and I got butcher shop because inside

1198

00:49:30,380 --> 00:49:26,329

the nightclub there were 50 year old men

1199

00:49:33,710 --> 00:49:30,390

would 21 year old girlfriends no just

1200

00:49:35,539 --> 00:49:33,720

water wasn't being I'm 23 if I want to

1201

00:49:37,830 --> 00:49:35,549

feel in life to find a girl who's minus

1202

00:49:42,240 --> 00:49:40,440

but it's not appreciating it is everyone

1203

00:49:45,090 --> 00:49:42,250

from Newcastle Gustavo if you're from

1204

00:49:46,710 --> 00:49:45,100

Newcastle born writer what I mean class

1205

00:49:50,730 --> 00:49:46,720

of people I'll give us a look if you're

1206

00:49:53,760 --> 00:49:50,740

not from Newcastle oh wow okay well none

1207

00:49:56,100 --> 00:49:53,770

of you cousin Ben I'm going to be here

1208

00:49:58,350 --> 00:49:56,110

today but so far i can say i love

1209

00:50:00,300 --> 00:49:58,360

Newcastle and that would so much I do

1210

00:50:02,460 --> 00:50:00,310

like your new castle wore a piece of

1211

00:50:04,860 --> 00:50:02,470

chocolate cake I would stuff my face

1212

00:50:07,790 --> 00:50:04,870

with it if Newcastle for a gallant steed

1213

00:50:11,220 --> 00:50:07,800

I cried that bad boy into the sunset

1214

00:50:29,280 --> 00:50:11,230

Newcastle were sexy lady a sexy lady I

1215

00:50:34,390 --> 00:50:32,440

hey bro oh hey / what's up check it out

1216

00:50:36,370 --> 00:50:34,400

finally a Back to the Future invention

1217

00:50:40,569 --> 00:50:36,380

that has come into existence i present

1218

00:50:42,280 --> 00:50:40,579

to you mahavir ball dude that's a BS

1219

00:50:45,430 --> 00:50:42,290

band skateboard deck from ashy

1220

00:50:47,710 --> 00:50:45,440

skateboard yes escape pod without wheel

1221

00:50:50,020 --> 00:50:47,720

yeah you're supposed to buy your own

1222

00:50:51,550 --> 00:50:50,030

wheels and bolt the law and look it has

1223

00:50:54,010 --> 00:50:51,560

a placebo been right here in the

1224

00:50:55,990 --> 00:50:54,020

packaging that must be what powers it

1225

00:50:58,480 --> 00:50:56,000

what are you on about that's right your

1226
00:51:00,579 --> 00:50:58,490
very own hoverboard and skeptic berserk

1227
00:51:02,589 --> 00:51:00,589
um has one to give away dude a skeptic

1228
00:51:04,300 --> 00:51:02,599
Bros calm and click on the comp tab for

1229
00:51:07,569 --> 00:51:04,310
more detail oh no that's a skateboard

1230
00:51:09,460 --> 00:51:07,579
deck right not a hoverboard it doesn't

1231
00:51:11,050 --> 00:51:09,470
actually fly you could get the car I'll

1232
00:51:12,849 --> 00:51:11,060
get my Michael J on hold on to the

1233
00:51:20,800 --> 00:51:12,859
bumper and float down the freeway sure

1234
00:51:23,950 --> 00:51:20,810
why not that could be fun now it's time

1235
00:51:28,720 --> 00:51:23,960
for dr. Rachel reports with dr. Rachel

1236
00:51:31,020 --> 00:51:28,730
Dunlop hello listeners and welcome to

1237
00:51:33,460 --> 00:51:31,030
another episode of dr. Rachel reports

1238
00:51:36,190 --> 00:51:33,470

well I know that I bang on a lot about

1239

00:51:38,230 --> 00:51:36,200

the TGA but recently I received another

1240

00:51:40,750 --> 00:51:38,240

reason to be eternally frustrated with

1241

00:51:42,520 --> 00:51:40,760

the Australian drug regulator I came

1242

00:51:44,380 --> 00:51:42,530

across an article from Australian doctor

1243

00:51:46,660 --> 00:51:44,390

which described how a complaint against

1244

00:51:49,480 --> 00:51:46,670

the makers of nurofen which is a popular

1245

00:51:51,190 --> 00:51:49,490

painkiller in Australia were directed to

1246

00:51:54,010 --> 00:51:51,200

stop claiming their product could go to

1247

00:51:55,270 --> 00:51:54,020

the site of pain now this is because

1248

00:51:57,640 --> 00:51:55,280

they currently have ads on television

1249

00:51:59,819 --> 00:51:57,650

that make this claim and according to

1250

00:52:02,410 --> 00:51:59,829

the article the makers reckitt benckiser

1251
00:52:04,180 --> 00:52:02,420
Australia proprietary limited was

1252
00:52:06,190 --> 00:52:04,190
ordered by the tj's complaints

1253
00:52:07,870 --> 00:52:06,200
resolution panel to withdraw a

1254
00:52:10,329 --> 00:52:07,880
television advertisement for nurofen

1255
00:52:12,099 --> 00:52:10,339
that claimed the product targeted relief

1256
00:52:14,620 --> 00:52:12,109
from pain and goes straight to the

1257
00:52:16,780 --> 00:52:14,630
source of pain however in a statement

1258
00:52:18,190 --> 00:52:16,790
from reckitt benckiser they said they

1259
00:52:20,620 --> 00:52:18,200
did not agree with a number of the

1260
00:52:23,500 --> 00:52:20,630
sanctions imposed by the TGA panel and

1261
00:52:25,359 --> 00:52:23,510
therefore quote nurofen advises that

1262
00:52:27,670 --> 00:52:25,369
consumers will continue to see the

1263
00:52:29,680 --> 00:52:27,680

familiar branding of the nurofen target

1264

00:52:33,940 --> 00:52:29,690

and messages of nurofen working at the

1265

00:52:35,620 --> 00:52:33,950

site of pain sigh so of course record

1266

00:52:37,960 --> 00:52:35,630

benckiser are by no means the first

1267

00:52:40,120 --> 00:52:37,970

company to essentially flip the bird and

1268

00:52:41,770 --> 00:52:40,130

say get stuffed we'll do what we want to

1269

00:52:43,240 --> 00:52:41,780

the TGA

1270

00:52:45,670 --> 00:52:43,250

indeed today's statement follows a

1271

00:52:47,470 --> 00:52:45,680

damning audit of the TGS management of

1272

00:52:49,810 --> 00:52:47,480

complementary and alternative therapies

1273

00:52:51,820 --> 00:52:49,820

which was released recently and it

1274

00:52:53,830 --> 00:52:51,830

essentially described the TGA as having

1275

00:52:56,290 --> 00:52:53,840

no teeth to enforce rulings against

1276
00:52:58,360 --> 00:52:56,300
companies who do the wrong thing now the

1277
00:53:01,060 --> 00:52:58,370
audit came after a review of a random

1278
00:53:02,860 --> 00:53:01,070
sample of listed products listed meaning

1279
00:53:04,930 --> 00:53:02,870
supplements vitamins homeopathic

1280
00:53:07,420 --> 00:53:04,940
preparations and other products

1281
00:53:11,620 --> 00:53:07,430
classified as low-risk including by the

1282
00:53:13,240 --> 00:53:11,630
way 31 types of ear candles yay now this

1283
00:53:15,550 --> 00:53:13,250
review found over ninety percent of

1284
00:53:19,360 --> 00:53:15,560
products breached the TGA guidelines and

1285
00:53:21,640 --> 00:53:19,370
the review was done in 2009 2010 now the

1286
00:53:23,380 --> 00:53:21,650
one prior to that found that over

1287
00:53:25,960 --> 00:53:23,390
seventy-five percent of products

1288
00:53:27,820 --> 00:53:25,970

breached TGA guidelines so in the last

1289

00:53:30,160 --> 00:53:27,830

five years there has been consistently

1290

00:53:32,500 --> 00:53:30,170

high levels of non-compliance with the

1291

00:53:34,510 --> 00:53:32,510

rules of the TGA so let's look a little

1292

00:53:36,820 --> 00:53:34,520

bit closer at the products that recently

1293

00:53:40,060 --> 00:53:36,830

failed the review out of 31 that were

1294

00:53:43,360 --> 00:53:40,070

randomly selected 22 were found to have

1295

00:53:45,430 --> 00:53:43,370

manufacturing and/or quality issues 20

1296

00:53:48,520 --> 00:53:45,440

had labeling issues or breaches which

1297

00:53:50,170 --> 00:53:48,530

may mislead consumers and 14 did not

1298

00:53:53,320 --> 00:53:50,180

have adequate evidence to substantiate

1299

00:53:55,330 --> 00:53:53,330

claims made about the products so with

1300

00:53:58,450 --> 00:53:55,340

respect to consumer protection this is a

1301

00:54:00,220 --> 00:53:58,460

pretty bad result for the TGA so as a

1302

00:54:02,020 --> 00:54:00,230

result of these failures a significant

1303

00:54:03,880 --> 00:54:02,030

number of products were removed from the

1304

00:54:06,070 --> 00:54:03,890

Australian Government's list of

1305

00:54:08,710 --> 00:54:06,080

therapeutic goods now it is worth noting

1306

00:54:11,350 --> 00:54:08,720

in this case however that nurofen is not

1307

00:54:13,300 --> 00:54:11,360

a listed drug it is a registered drug so

1308

00:54:14,740 --> 00:54:13,310

stricter rules apply when it comes to

1309

00:54:17,290 --> 00:54:14,750

the regulation of what's in it and

1310

00:54:19,510 --> 00:54:17,300

whether it works however advertising

1311

00:54:22,120 --> 00:54:19,520

laws for LN are drugs are essentially

1312

00:54:24,070 --> 00:54:22,130

the same basically you can't make claims

1313

00:54:26,740 --> 00:54:24,080

which you can't substantiate and if you

1314

00:54:29,320 --> 00:54:26,750

do the TGA can order you to remove them

1315

00:54:31,000 --> 00:54:29,330

now whether this be from a website which

1316

00:54:32,800 --> 00:54:31,010

has happened several times now for

1317

00:54:34,900 --> 00:54:32,810

homeopathy plus or a television

1318

00:54:37,150 --> 00:54:34,910

commercial as is the case here with

1319

00:54:39,430 --> 00:54:37,160

nurofen now once a complaint about a

1320

00:54:41,230 --> 00:54:39,440

product is received and by the way the

1321

00:54:43,630 --> 00:54:41,240

TGA relies on consumers to make

1322

00:54:45,550 --> 00:54:43,640

complaints as they are not proactively

1323

00:54:48,280 --> 00:54:45,560

seeking products which breach guidelines

1324

00:54:50,020 --> 00:54:48,290

and if the complaint is upheld the

1325

00:54:52,030 --> 00:54:50,030

company will be directed to remove the

1326

00:54:54,370 --> 00:54:52,040

offending material and or publish our

1327

00:54:55,610 --> 00:54:54,380

disclaimer but it's not used to regular

1328

00:54:57,770 --> 00:54:55,620

listeners of dr. rachel

1329

00:54:59,570 --> 00:54:57,780

ports that for some time now companies

1330

00:55:02,000 --> 00:54:59,580

have been ignoring these directives

1331

00:55:04,640 --> 00:55:02,010

indeed approximately thirty percent of

1332

00:55:07,400 --> 00:55:04,650

companies do and they can because the

1333

00:55:10,970 --> 00:55:07,410

TGA has never in its history enforced

1334

00:55:13,340 --> 00:55:10,980

them ever here's what the audit had to

1335

00:55:15,380 --> 00:55:13,350

say about this due to the very low

1336

00:55:17,810 --> 00:55:15,390

financial penalty is currently available

1337

00:55:20,000 --> 00:55:17,820

a maximum of sixty six hundred dollars

1338

00:55:22,040 --> 00:55:20,010

for individuals and thirty-three

1339

00:55:23,960 --> 00:55:22,050

thousand for corporations for

1340

00:55:26,030 --> 00:55:23,970

advertising offenses in the act and

1341

00:55:29,240 --> 00:55:26,040

other investigative priorities for the

1342

00:55:32,060 --> 00:55:29,250

TGA it is not cost effective for the TGA

1343

00:55:34,190 --> 00:55:32,070

to initiate a formal investigation of an

1344

00:55:36,050 --> 00:55:34,200

advertising breach with a view to

1345

00:55:38,300 --> 00:55:36,060

preparing a brief for evidence for

1346

00:55:41,570 --> 00:55:38,310

consideration of prosecution by the

1347

00:55:43,610 --> 00:55:41,580

director of prosecution it has never

1348

00:55:45,920 --> 00:55:43,620

been cost effective for the TGA to

1349

00:55:48,020 --> 00:55:45,930

initiate a formal investigation of an

1350

00:55:51,560 --> 00:55:48,030

advertising breach with a view to

1351

00:55:53,690 --> 00:55:51,570

preparing a brief of evidence so in

1352

00:55:55,970 --> 00:55:53,700

other words the cost of prosecuting a

1353

00:55:58,730 --> 00:55:55,980

company outweighs the fine so it's not

1354

00:56:00,200 --> 00:55:58,740

worth it and it's never been done this

1355

00:56:02,360 --> 00:56:00,210

of course makes the TGA the

1356

00:56:04,190 --> 00:56:02,370

laughingstock of drug manufacturers if

1357

00:56:06,110 --> 00:56:04,200

you read between the lines of the neuro

1358

00:56:09,070 --> 00:56:06,120

friend press release you can see it loud

1359

00:56:11,510 --> 00:56:09,080

and clear let me remind you what it said

1360

00:56:13,730 --> 00:56:11,520

nurofen advises that consumers will

1361

00:56:15,830 --> 00:56:13,740

continue to see the familiar branding of

1362

00:56:18,830 --> 00:56:15,840

the nura fan target and messages of

1363

00:56:20,900 --> 00:56:18,840

nurofen working at the site of pain well

1364

00:56:22,460 --> 00:56:20,910

of course they will I mean thirty three

1365

00:56:24,890 --> 00:56:22,470

thousand dollars is a pittance for a

1366

00:56:26,240 --> 00:56:24,900

large pharma company anyway it's

1367

00:56:28,040 --> 00:56:26,250

laughable to think this would be a

1368

00:56:30,170 --> 00:56:28,050

deterrent to making some claims and

1369

00:56:32,960 --> 00:56:30,180

might not be quite right but sound

1370

00:56:35,060 --> 00:56:32,970

pretty good in marketing terms to go

1371

00:56:37,490 --> 00:56:35,070

back to the tj's findings about reckitt

1372

00:56:40,820 --> 00:56:37,500

benckiser the complaint resolution panel

1373

00:56:42,410 --> 00:56:40,830

found that quote reasonable consumers

1374

00:56:44,120 --> 00:56:42,420

would conclude that the active

1375

00:56:45,770 --> 00:56:44,130

components of the product travelled

1376

00:56:48,380 --> 00:56:45,780

specifically to areas of the body

1377

00:56:50,180 --> 00:56:48,390

affected by pain in this instance the

1378

00:56:53,810 --> 00:56:50,190

part of the head affected by a headache

1379

00:56:56,030 --> 00:56:53,820

and I think this is a fair call but this

1380

00:56:59,120 --> 00:56:56,040

is not how painkillers work and to say

1381

00:57:00,890 --> 00:56:59,130

they are targeted is just a nonsense yet

1382

00:57:02,810 --> 00:57:00,900

this is not the first time nurofen has

1383

00:57:05,030 --> 00:57:02,820

been called out for shonky advertising

1384

00:57:07,760 --> 00:57:05,040

indeed last year they were honored with

1385

00:57:09,499 --> 00:57:07,770

a 2010 shonky award from choice magazine

1386

00:57:13,729 --> 00:57:09,509

for a very similar

1387

00:57:16,189 --> 00:57:13,739

a thing from the choice website nurofen

1388

00:57:19,009 --> 00:57:16,199

has a range of caplets for migraine back

1389

00:57:20,689 --> 00:57:19,019

tension headache and period pain yet a

1390

00:57:22,129 --> 00:57:20,699

closer look at the ingredients shows

1391

00:57:24,739 --> 00:57:22,139

they're identical from product to

1392

00:57:26,389 --> 00:57:24,749

product so does the back pain version

1393

00:57:28,099 --> 00:57:26,399

somehow magically go straight to your

1394

00:57:30,859 --> 00:57:28,109

back and only your back as soon as

1395

00:57:32,419 --> 00:57:30,869

you've swallowed it could you say choose

1396

00:57:34,699 --> 00:57:32,429

to treat only your back pain while

1397

00:57:39,049 --> 00:57:34,709

keeping your headache the answers are no

1398

00:57:41,479 --> 00:57:39,059

no and definitely no but sadly as long

1399

00:57:43,789 --> 00:57:41,489

as the TGA has no teeth to enforce dodgy

1400

00:57:44,779 --> 00:57:43,799

claims and advertising breaches I expect

1401

00:57:47,569 --> 00:57:44,789

we'll see this type of behavior

1402

00:57:51,769 --> 00:57:47,579

continued and even if they were to find

1403

00:57:53,569 --> 00:57:51,779

companies for breaches 33,000 or 6 600

1404

00:57:56,469 --> 00:57:53,579

bucks is a pittance to most drug

1405

00:57:58,969 --> 00:57:56,479

companies weather cam or science based

1406

00:58:00,589 --> 00:57:58,979

there seems little deterrent to stop

1407

00:58:03,649 --> 00:58:00,599

when there's money to be made and no

1408

00:58:05,269 --> 00:58:03,659

one's gonna stop you anyway in my

1409

00:58:07,459 --> 00:58:05,279

opinion this is about consumer

1410

00:58:08,989 --> 00:58:07,469

protection and if the TGA fails to do

1411

00:58:11,269 --> 00:58:08,999

that then I wonder what good they're

1412

00:58:13,339 --> 00:58:11,279

doing at all you can find the blog

1413

00:58:16,189 --> 00:58:13,349

related to this post on skeptics book

1414

00:58:18,559 --> 00:58:16,199

calm called the TGA gets flipped the

1415

00:58:20,749 --> 00:58:18,569

bird again and just a reminder that I

1416

00:58:23,599 --> 00:58:20,759

was a guest on science on top podcast

1417

00:58:27,259 --> 00:58:23,609

hosted by Lucas Randall last week we

1418

00:58:29,629 --> 00:58:27,269

talked about BMAA ALS MND and fruit bats

1419

00:58:31,339 --> 00:58:29,639

amongst other things check it out on

1420

00:58:33,709 --> 00:58:31,349

itunes if you'd like to hear it and

1421

00:58:36,690 --> 00:58:33,719

until next time this has been dr. eighty

1422

00:58:42,180 --> 00:58:39,420

dr. Rachel Dunlop is one of Australia's

1423

00:58:43,609 --> 00:58:42,190

foremost media commentators in matters

1424

00:58:46,140 --> 00:58:43,619

concerning so-called alternative

1425

00:58:49,950 --> 00:58:46,150

medicine she has appeared on national

1426
00:58:52,230 --> 00:58:49,960
radio and national television dr. H E is

1427
00:58:56,190 --> 00:58:52,240
available for interviews and you can

1428
00:59:10,319 --> 00:58:56,200
contact her at Rachel at skeptic zone

1429
00:59:12,780 --> 00:59:10,329
dot TV scopes monkey choir scopes monkey

1430
00:59:15,089 --> 00:59:12,790
choir wait are we acquire know when I

1431
00:59:20,010 --> 00:59:15,099
require but we are musicians when I

1432
00:59:22,950 --> 00:59:20,020
monkeys either we are primates so what

1433
00:59:25,230 --> 00:59:22,960
is scopes monkey choir its podcast oh

1434
00:59:27,839 --> 00:59:25,240
yeah it's podcast it's the podcast where

1435
00:59:29,819 --> 00:59:27,849
music and sound me to science and

1436
00:59:31,920 --> 00:59:29,829
skepticism we are two professional

1437
00:59:33,660 --> 00:59:31,930
musicians who decided turn are skeptical

1438
00:59:35,660 --> 00:59:33,670

eyes on our own profession we look at

1439

00:59:38,370 --> 00:59:35,670

the science of music we look at studies

1440

00:59:40,710 --> 00:59:38,380

recent studies about music and sound we

1441

00:59:45,420 --> 00:59:40,720

look skeptically at musical myths we

1442

00:59:47,819 --> 00:59:45,430

look at and we work out of our music

1443

00:59:50,069 --> 00:59:47,829

listen to us at Scopes Monkey choir calm

1444

00:59:52,260 --> 00:59:50,079

I'll find us on iTunes scopes monkey

1445

01:00:05,140 --> 00:59:52,270

choir the podcast for music and sound

1446

01:00:09,020 --> 01:00:07,340

thank you for listening to the skeptic

1447

01:00:10,490 --> 01:00:09,030

zone my goodness me I enjoyed that

1448

01:00:13,670 --> 01:00:10,500

little cup of ice cream with it

1449

01:00:15,500 --> 01:00:13,680

Hershey's chocolate I think I'd enjoy

1450

01:00:21,200 --> 01:00:15,510

any brand of chocolate to be honest with

1451

01:00:23,990 --> 01:00:21,210

you oh boy hmm yes now on next week's

1452

01:00:27,770 --> 01:00:24,000

show I hope we have another think tank

1453

01:00:30,380 --> 01:00:27,780

in fact dr. Richie and I may well travel

1454

01:00:33,200 --> 01:00:30,390

up from our part of Sydney to the part

1455

01:00:36,890 --> 01:00:33,210

of Sydney where Iran and Iran Segev and

1456

01:00:39,680 --> 01:00:36,900

Joe benim you live and visit a club near

1457

01:00:41,900 --> 01:00:39,690

their place why not sounds like an be a

1458

01:00:44,420 --> 01:00:41,910

fun trip so hopefully we'll get another

1459

01:00:47,150 --> 01:00:44,430

think tank happening more reports more

1460

01:00:49,700 --> 01:00:47,160

interviews update on this titanium iron

1461

01:00:52,220 --> 01:00:49,710

band NRG which we mentioned at the top

1462

01:00:54,110 --> 01:00:52,230

of the show in fact the Australian

1463

01:00:57,380 --> 01:00:54,120

skeptics are putting together an open

1464

01:00:59,990 --> 01:00:57,390

letter to rebel sports to say what do

1465

01:01:02,330 --> 01:01:00,000

you think you're playing at that's

1466

01:01:05,780 --> 01:01:02,340

something I'll have to look into this

1467

01:01:07,880 --> 01:01:05,790

week but until then this is Richard

1468

01:01:14,360 --> 01:01:07,890

Saunders signing off from Sydney

1469

01:01:19,040 --> 01:01:14,370

Australia you've been listening to the

1470

01:01:22,880 --> 01:01:19,050

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