

Show 517

THE
**SKEPTIC
ZONE**
PODCAST

16 September 2018

www.skepticzone.tv

Dr Alice Howarth



Dr Alice Howarth
heading to Sydney

Dextox? My Foot!

Maynard's Spooky Action....
At Skeptics in the Pub

Claire Klingenberg
Testing claims the paranormal

Skeptics' Blood Drive



Claire Klingenberg

The Skeptic Zone Podcast
Show 517 - 16 September 2018

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

[Music]

2
00:00:13,890 --> 00:00:09,090

welcome to the skeptic zone the podcast

3
00:00:17,110 --> 00:00:13,900

from Australia for science and reason

4
00:00:26,330 --> 00:00:22,749

[Music]

5
00:00:28,220 --> 00:00:26,340

the skeptics zone coming to you from

6
00:00:31,970 --> 00:00:28,230

Sydney Australia hello this is

7
00:00:35,209 --> 00:00:31,980

Richardson is with you once again coming

8
00:00:37,400 --> 00:00:35,219

up on this week's show dr. Alice health

9
00:00:40,270 --> 00:00:37,410

all the way from Liverpool will chat to

10
00:00:43,549 --> 00:00:40,280

us now she is one of the co-hosts of

11
00:00:46,480 --> 00:00:43,559

skeptics with a cave a fabulous podcast

12
00:00:49,580 --> 00:00:46,490

I've been listening to for years

13
00:00:51,440 --> 00:00:49,590

skeptics with a ke Alice dr. alice is

14

00:00:53,900 --> 00:00:51,450

coming to Australia to take part in

15

00:00:57,350 --> 00:00:53,910

skeptic on she's going to tell us all

16

00:01:00,440 --> 00:00:57,360

about that and some of her research into

17

00:01:03,229 --> 00:01:00,450

cancer specifically cancer in biology a

18

00:01:06,460 --> 00:01:03,239

fascinating woman indeed coming up at

19

00:01:11,480 --> 00:01:06,470

the top of the show following that detox

20

00:01:15,830 --> 00:01:11,490

my fort now a foot detox this has been

21

00:01:18,380 --> 00:01:15,840

prompted by a poster I saw in a in a

22

00:01:21,980 --> 00:01:18,390

window of a massage parlor and you've

23

00:01:23,990 --> 00:01:21,990

probably seen these devices yourself at

24

00:01:27,080 --> 00:01:24,000

least advertising this is where you put

25

00:01:31,390 --> 00:01:27,090

your foot into a foot bath so to speak

26

00:01:35,899 --> 00:01:31,400

and it's supposedly detox is your body

27

00:01:38,750 --> 00:01:35,909

does it my foot after that Maynard

28

00:01:41,990 --> 00:01:38,760

spooky action may nod heads once again

29

00:01:44,679 --> 00:01:42,000

to Sydney skeptics in the pub and asks

30

00:01:47,600 --> 00:01:44,689

pub goes what they think about

31

00:01:50,330 --> 00:01:47,610

so-called psychics and clairvoyance

32

00:01:52,789 --> 00:01:50,340

doing shows at RSL clubs or clubs here

33

00:01:55,480 --> 00:01:52,799

in Australia dedicated to returned

34

00:01:59,030 --> 00:01:55,490

service men and women veterans of

35

00:02:01,310 --> 00:01:59,040

conflicts and these clubs are really set

36

00:02:04,160 --> 00:02:01,320

up to honor the dead and yet they have

37

00:02:06,469 --> 00:02:04,170

shows with these so-called psychics and

38

00:02:09,020 --> 00:02:06,479

paranormal people pretending or thinking

39

00:02:12,500 --> 00:02:09,030

they can to contact the dead what the

40

00:02:14,770 --> 00:02:12,510

pub goers think about that and also may

41

00:02:17,240 --> 00:02:14,780

not chat to a couple of new listeners

42

00:02:19,729 --> 00:02:17,250

after then we catch up with Claire

43

00:02:22,520 --> 00:02:19,739

Klingenberg from the Czech Republic who

44

00:02:24,229 --> 00:02:22,530

was recently in Scotland and Germany and

45

00:02:26,780 --> 00:02:24,239

when she was in Germany she helped to

46

00:02:29,539 --> 00:02:26,790

test some paranormal claims

47

00:02:31,880 --> 00:02:29,549

wow that is so interesting now in this

48

00:02:34,550 --> 00:02:31,890

interview you'll hear me say that there

49

00:02:36,080 --> 00:02:34,560

is a video of the tests in German which

50

00:02:38,509 --> 00:02:36,090

there is of course and link in the show

51
00:02:40,670 --> 00:02:38,519
notes but I've just discovered just

52
00:02:44,360 --> 00:02:40,680
before putting this show out that the

53
00:02:47,300 --> 00:02:44,370
Deutsche Welle have translated the clip

54
00:02:49,849 --> 00:02:47,310
into English both links will be on this

55
00:02:52,220 --> 00:02:49,859
week's show notes so if you want to

56
00:02:55,640 --> 00:02:52,230
watch that in German you understand

57
00:02:58,339 --> 00:02:55,650
German go for it or English then to

58
00:03:00,410 --> 00:02:58,349
round off the show maenad my report on

59
00:03:03,379 --> 00:03:00,420
the recent Australian skeptics blood

60
00:03:04,970 --> 00:03:03,389
drive here in Sydney and I'm happy to

61
00:03:07,460 --> 00:03:04,980
report about a week or so after I

62
00:03:09,500 --> 00:03:07,470
donated some blood I got a message from

63
00:03:11,119 --> 00:03:09,510

the Blood Service telling me that my

64

00:03:14,330 --> 00:03:11,129

blood had been used to save lives

65

00:03:17,360 --> 00:03:14,340

already and this gives one a very nice

66

00:03:19,970 --> 00:03:17,370

feeling more messages and updates from

67

00:03:22,399 --> 00:03:19,980

me at the end of the show but now it's

68

00:03:24,490 --> 00:03:22,409

time for me to run downstairs being

69

00:03:27,890 --> 00:03:24,500

careful not to trip over those cats and

70

00:03:30,559 --> 00:03:27,900

maybe make myself up a serving of fish

71

00:03:32,210 --> 00:03:30,569

and chips and through the magic of

72

00:03:33,770 --> 00:03:32,220

editing come back and bring you the rest

73

00:03:52,190 --> 00:03:33,780

of the skipping zone

74

00:03:55,559 --> 00:03:52,200

[Music]

75

00:03:58,399 --> 00:03:55,569

and joining me now all the way from

76

00:04:03,300 --> 00:03:58,409

Liverpool its dr. Alice how with hello

77

00:04:06,149 --> 00:04:03,310

hi hi Richards I were wonderful to chat

78

00:04:08,429 --> 00:04:06,159

to a fellow podcaster all the way on the

79

00:04:10,440 --> 00:04:08,439

other side of the world and before we

80

00:04:12,899 --> 00:04:10,450

get stuck into all the other details

81

00:04:16,140 --> 00:04:12,909

before we get started on all the other

82

00:04:18,089 --> 00:04:16,150

information what's it what's it like for

83

00:04:20,279 --> 00:04:18,099

you now you've been with skeptics with a

84

00:04:22,320 --> 00:04:20,289

Kay for quite a while I think it has

85

00:04:26,460 --> 00:04:22,330

been it's been a good few years now I

86

00:04:28,980 --> 00:04:26,470

think just over three years now the

87

00:04:31,920 --> 00:04:28,990

halfway point we're now more episodes

88

00:04:36,060 --> 00:04:31,930

with me than with the original host

89

00:04:39,480 --> 00:04:36,070

starting host Colleen so well why that's

90

00:04:41,969 --> 00:04:39,490

fantastic and I I imagine like the rest

91

00:04:42,710 --> 00:04:41,979

of us doing podcasts you find it mostly

92

00:04:46,830 --> 00:04:42,720

fun

93

00:04:49,649 --> 00:04:46,840

don't have to do very much of the

94

00:04:51,120 --> 00:04:49,659

editing so it's great fun for me I just

95

00:04:54,300 --> 00:04:51,130

have to write a story and record one

96

00:04:57,360 --> 00:04:54,310

every every couple of weeks though it's

97

00:05:01,110 --> 00:04:57,370

very lucky not to have to deal with

98

00:05:01,700 --> 00:05:01,120

editing issues right right oh well there

99

00:05:04,710 --> 00:05:01,710

you go

100

00:05:10,020 --> 00:05:04,720

that makes a lot more fun I think for

101

00:05:12,330 --> 00:05:10,030

you I will say part of the the pleasure

102

00:05:14,339 --> 00:05:12,340

of doing it from my point of view being

103

00:05:16,140 --> 00:05:14,349

producer is you know mixing all the

104

00:05:17,550 --> 00:05:16,150

sound and putting people's voices on

105

00:05:21,029 --> 00:05:17,560

different tracks although it can take a

106

00:05:23,370 --> 00:05:21,039

lot of time but too worried about

107

00:05:25,080 --> 00:05:23,380

hearing about that look congratulations

108

00:05:26,990 --> 00:05:25,090

on your good work with skeptics with the

109

00:05:29,909 --> 00:05:27,000

Kate certainly one of the premier

110

00:05:33,570 --> 00:05:29,919

skeptical podcasts around the world and

111

00:05:37,379 --> 00:05:33,580

I'm so pleased when shows like skeptics

112

00:05:38,610 --> 00:05:37,389

with the Kay have longevity ya know it's

113

00:05:40,950 --> 00:05:38,620

been it's been going a good well and

114

00:05:42,960 --> 00:05:40,960

that's that's a real testament to to

115

00:05:45,379 --> 00:05:42,970

make and wash my co-hosts they they

116

00:05:48,409 --> 00:05:45,389

really do put so much work into it that

117

00:05:51,600 --> 00:05:48,419

I'm very lucky to be to be part of it

118

00:05:52,410 --> 00:05:51,610

absolutely yeah yeah the great fellows I

119

00:05:54,180 --> 00:05:52,420

know them both

120

00:05:57,990 --> 00:05:54,190

very well I can't remember off the top

121

00:05:59,250 --> 00:05:58,000

of my head we made it QED I think we

122

00:06:01,140 --> 00:05:59,260

might have done yeah I think

123

00:06:06,900 --> 00:06:01,150

everything-everything was incredibly

124

00:06:09,330 --> 00:06:06,910

busy and convention so I think it was a

125

00:06:11,490 --> 00:06:09,340

brief hello rather than anything more

126

00:06:13,950 --> 00:06:11,500

than that you're probably right but

127

00:06:18,510 --> 00:06:13,960

anyway we shall certainly make up for

128

00:06:20,730 --> 00:06:18,520

any lack of social niceties soon coming

129

00:06:24,510 --> 00:06:20,740

up you'll be flying to Australia to take

130

00:06:28,260 --> 00:06:24,520

part in skeptic on now you're in very

131

00:06:29,220 --> 00:06:28,270

soon yeah your background is in biology

132

00:06:32,880 --> 00:06:29,230

isn't it

133

00:06:34,980 --> 00:06:32,890

yes yes so I finished a PhD in cancer

134

00:06:38,580 --> 00:06:34,990

research just over a year ago a little

135

00:06:42,450 --> 00:06:38,590

over a year ago so I've been doing kind

136

00:06:45,120 --> 00:06:42,460

of hardcore bench science for actually

137

00:06:47,460 --> 00:06:45,130

close to six years now and throughout

138

00:06:51,260 --> 00:06:47,470

the duration of my PhD and then and then

139

00:06:55,860 --> 00:06:51,270

in my subsequent work post ducking so

140

00:06:57,450 --> 00:06:55,870

very science heavy yeah really and then

141

00:06:59,310 --> 00:06:57,460

this I mean this would give you an

142

00:07:01,140 --> 00:06:59,320

interesting insight especially from a

143

00:07:04,800 --> 00:07:01,150

sceptical angle you must have come

144

00:07:08,250 --> 00:07:04,810

across in your travels very disturbing

145

00:07:10,470 --> 00:07:08,260

examples of cancer quackery absolutely

146

00:07:12,570 --> 00:07:10,480

yeah yeah and and much more through

147

00:07:16,790 --> 00:07:12,580

through my work with the medicine

148

00:07:17,940 --> 00:07:16,800

skeptic Society that kind of finding

149

00:07:23,240 --> 00:07:17,950

pseudoscience

150

00:07:26,780 --> 00:07:23,250

are pitching cancer treatments to

151

00:07:29,370 --> 00:07:26,790

general members of the population I

152

00:07:34,590 --> 00:07:29,380

fairly recently attended a talk which I

153

00:07:36,870 --> 00:07:34,600

will talk about skeptic on a proponent

154

00:07:40,170 --> 00:07:36,880

of Gerson Therapy and and the

155

00:07:42,720 --> 00:07:40,180

recommendations that this guy who runs a

156

00:07:44,880 --> 00:07:42,730

clinic over in Mexico would make two

157

00:07:48,000 --> 00:07:44,890

patients many patients in his audience

158

00:07:52,080 --> 00:07:48,010

who you know a suffering from you know

159

00:07:53,760 --> 00:07:52,090

battling with cancer and not getting the

160

00:07:56,940 --> 00:07:53,770

advice they need some doctors because

161

00:07:58,620 --> 00:07:56,950

often being pushed in into the kind of

162

00:08:01,350 --> 00:07:58,630

alternative medicine routine yeah it's

163

00:08:05,190 --> 00:08:01,360

very very distressing to to hear that

164

00:08:07,400 --> 00:08:05,200

such that strong advocacy of things that

165

00:08:11,370 --> 00:08:07,410

have no evidence behind

166

00:08:13,200 --> 00:08:11,380

especially when on a science level I see

167

00:08:15,150 --> 00:08:13,210

how complicated cancer is but how

168

00:08:17,760 --> 00:08:15,160

understanding that complexity is the

169

00:08:20,720 --> 00:08:17,770

important part of understanding how we

170

00:08:23,460 --> 00:08:20,730

can treat it rather than telling

171

00:08:27,600 --> 00:08:23,470

patients that you can cure it all with

172

00:08:30,720 --> 00:08:27,610

diet well exactly and I think it's it's

173

00:08:32,670 --> 00:08:30,730

interesting that a lot of the people and

174

00:08:34,260 --> 00:08:32,680

and I've never been able to really put

175

00:08:36,750 --> 00:08:34,270

my finger on the number here but a lot

176

00:08:39,540 --> 00:08:36,760

of people involved in in the natural

177

00:08:42,180 --> 00:08:39,550

world the natural alternative medicine a

178

00:08:45,990 --> 00:08:42,190

true true believers but and you get

179

00:08:48,720 --> 00:08:46,000

residual who are the the scammy con men

180

00:08:50,580 --> 00:08:48,730

and con women out there and the true

181

00:08:53,100 --> 00:08:50,590

believers could be so sincere because

182

00:08:54,660 --> 00:08:53,110

they are sincere yes they genuinely

183

00:08:56,340 --> 00:08:54,670

genuinely believe that they're helping

184

00:08:58,530 --> 00:08:56,350

people and that they that they have the

185

00:09:01,080 --> 00:08:58,540

answer and unfortunately the science

186

00:09:04,170 --> 00:09:01,090

doesn't back that up and and it is a

187

00:09:06,150 --> 00:09:04,180

dangerous game to be as you say that but

188

00:09:07,440 --> 00:09:06,160

sincerity really sells it to people and

189

00:09:10,500 --> 00:09:07,450

that can be very very dangerous

190

00:09:12,900 --> 00:09:10,510

yeah and coupled with that is the belief

191

00:09:16,320 --> 00:09:12,910

amongst certain a certain percentage of

192

00:09:18,510 --> 00:09:16,330

the population that medical science

193

00:09:20,370 --> 00:09:18,520

knows the cure for cancer but they just

194

00:09:24,570 --> 00:09:20,380

simply withhold it to keep people sick

195

00:09:26,070 --> 00:09:24,580

to keep selling yes to make money one of

196

00:09:28,770 --> 00:09:26,080

the more frustrating things they

197

00:09:31,740 --> 00:09:28,780

encounter being involved in skepticism

198

00:09:33,900 --> 00:09:31,750

and being very interested in cancer

199

00:09:35,700 --> 00:09:33,910

research because you know I I have

200

00:09:39,120 --> 00:09:35,710

worked with a lot of different people

201
00:09:40,920 --> 00:09:39,130
people who are Research Associates at

202
00:09:43,680 --> 00:09:40,930
universities associated with academia

203
00:09:45,600 --> 00:09:43,690
with professors who are running labs

204
00:09:47,340 --> 00:09:45,610
within academia and I've also worked

205
00:09:49,830 --> 00:09:47,350
with some smaller pharmaceutical

206
00:09:52,190 --> 00:09:49,840
companies and I can tell I can tell you

207
00:09:57,360 --> 00:09:52,200
know you don't do this but for the money

208
00:09:59,120 --> 00:09:57,370
it is right research is very much you're

209
00:10:02,430 --> 00:09:59,130
doing it because you want to progress

210
00:10:03,960 --> 00:10:02,440
progress things in research if you're

211
00:10:06,210 --> 00:10:03,970
researching in academia and basic

212
00:10:07,860 --> 00:10:06,220
research and for many pharmaceutical

213
00:10:09,540 --> 00:10:07,870

many of the researchers working in

214

00:10:13,050 --> 00:10:09,550

pharmaceutical companies it's all about

215

00:10:15,690 --> 00:10:13,060

you know finding answers and making a

216

00:10:16,340 --> 00:10:15,700

difference to to our understanding of

217

00:10:18,960 --> 00:10:16,350

cancer

218

00:10:23,369 --> 00:10:18,970

yeah and it's a slow

219

00:10:26,790 --> 00:10:23,379

process and absolutely again a lot of

220

00:10:28,769 --> 00:10:26,800

the people who need answers it's very

221

00:10:30,660 --> 00:10:28,779

hard for them to accept that I mean

222

00:10:32,670 --> 00:10:30,670

we've only progressed so far which i

223

00:10:37,920 --> 00:10:32,680

think though when you when you look at

224

00:10:39,449 --> 00:10:37,930

it we've progressed a long way yeah we

225

00:10:40,369 --> 00:10:39,459

can't cure these things overnight just

226

00:10:42,329 --> 00:10:40,379

yet

227

00:10:44,160 --> 00:10:42,339

exactly and that's that's kind of

228

00:10:47,639 --> 00:10:44,170

exactly what I will talk about it

229

00:10:49,889 --> 00:10:47,649

skeptic on is that this disease is not

230

00:10:52,470 --> 00:10:49,899

one disease it's actually an incredibly

231

00:10:55,829 --> 00:10:52,480

complicated set of hundreds of diseases

232

00:10:58,530 --> 00:10:55,839

and it's understanding the biology of

233

00:11:01,590 --> 00:10:58,540

how cancer works is fundamental to

234

00:11:04,499 --> 00:11:01,600

understanding why we don't have a magic

235

00:11:07,470 --> 00:11:04,509

bullet cure yet why we have to work

236

00:11:10,400 --> 00:11:07,480

towards better treatments increasing

237

00:11:12,809 --> 00:11:10,410

lifespan for patients and just improving

238

00:11:15,480 --> 00:11:12,819

the number of years that patients go

239

00:11:17,040 --> 00:11:15,490

into remission because it's not

240

00:11:19,170 --> 00:11:17,050

something that happens over overnight

241

00:11:22,230 --> 00:11:19,180

but we have made this incredible

242

00:11:25,170 --> 00:11:22,240

progress we've doubled life expectancy

243

00:11:28,590 --> 00:11:25,180

in the last 40 years because of all the

244

00:11:30,740 --> 00:11:28,600

research that we're doing that's a good

245

00:11:34,230 --> 00:11:30,750

figure to keep in mind actually because

246

00:11:37,470 --> 00:11:34,240

you know in my lifespan which is nearly

247

00:11:40,619 --> 00:11:37,480

53 years now when our remember you know

248

00:11:42,990 --> 00:11:40,629

my first recollections of this hearing

249

00:11:45,329 --> 00:11:43,000

about cancers and stuff like that the

250

00:11:48,929 --> 00:11:45,339

prognosis wasn't so good but now it's

251

00:11:52,280 --> 00:11:48,939

it's dramatically different yes yeah we

252

00:11:54,749 --> 00:11:52,290

really have made such huge progress in

253

00:11:56,790 --> 00:11:54,759

prolonging life for patients and

254

00:11:58,470 --> 00:11:56,800

improving quality of life because I

255

00:12:01,999 --> 00:11:58,480

think a lot of people forget that and

256

00:12:05,150 --> 00:12:02,009

and certainly it helps support

257

00:12:08,160 --> 00:12:05,160

proponents of alternative therapies

258

00:12:09,990 --> 00:12:08,170

obviously treating cancer gives nasty

259

00:12:12,389 --> 00:12:10,000

side effects but there are an awful lot

260

00:12:14,160 --> 00:12:12,399

of researchers who are trying to find

261

00:12:16,410 --> 00:12:14,170

ways to improve quality of life for

262

00:12:18,749 --> 00:12:16,420

patients who are on chemotherapy or

263

00:12:21,449 --> 00:12:18,759

different types of treatment to not just

264

00:12:24,420 --> 00:12:21,459

prolong life but also make that life

265

00:12:26,910 --> 00:12:24,430

more comfortable yeah yeah absolutely

266

00:12:28,439 --> 00:12:26,920

right so I mean the message I suppose

267

00:12:32,000 --> 00:12:28,449

you'll be giving in the general message

268

00:12:34,350 --> 00:12:32,010

is that things are getting better

269

00:12:36,360 --> 00:12:34,360

we can't make them better quick enough

270

00:12:39,660 --> 00:12:36,370

for some people of obviously which is

271

00:12:42,950 --> 00:12:39,670

just the way things are but medical

272

00:12:45,750 --> 00:12:42,960

science is progressing as best it can

273

00:12:48,750 --> 00:12:45,760

absolutely yeah we're making huge

274

00:12:52,110 --> 00:12:48,760

strides and working incredibly hard to

275

00:12:54,660 --> 00:12:52,120

do it you know certainly the academic

276

00:12:57,390 --> 00:12:54,670

researchers and the industry researchers

277

00:12:59,730 --> 00:12:57,400

that I've worked are working many many

278

00:13:01,830 --> 00:12:59,740

many more hours than most people would

279

00:13:04,290 --> 00:13:01,840

imagine you know it's not it's it's not

280

00:13:06,900 --> 00:13:04,300

a job that lends itself to a lot of free

281

00:13:08,640 --> 00:13:06,910

time but people do it for the love of

282

00:13:11,280 --> 00:13:08,650

the science and they really push and

283

00:13:13,550 --> 00:13:11,290

work as hard as they can yeah yeah

284

00:13:16,260 --> 00:13:13,560

you're absolutely right and it also

285

00:13:18,300 --> 00:13:16,270

again and irks us when there's this

286

00:13:20,160 --> 00:13:18,310

belief out there that people like you

287

00:13:22,290 --> 00:13:20,170

you know hard-working people really

288

00:13:25,380 --> 00:13:22,300

interested in getting to the answers are

289

00:13:27,180 --> 00:13:25,390

somehow part of them the the evil well

290

00:13:28,950 --> 00:13:27,190

conspiracy and you're just keeping the

291

00:13:31,610 --> 00:13:28,960

answers from everybody it's it's quite

292

00:13:33,960 --> 00:13:31,620

sad really yeah yeah absolutely

293

00:13:35,430 --> 00:13:33,970

well look we're looking forward to

294

00:13:38,340 --> 00:13:35,440

hearing all about that and much more

295

00:13:41,190 --> 00:13:38,350

when you come to too skeptic on and not

296

00:13:43,380 --> 00:13:41,200

far away now folks and we'll also um I'm

297

00:13:45,240 --> 00:13:43,390

sure you'll also be regaling us of your

298

00:13:48,000 --> 00:13:45,250

stories of your adventures with the

299

00:13:48,870 --> 00:13:48,010

Merseyside skeptic society - yes

300

00:13:53,910 --> 00:13:48,880

absolutely

301

00:13:55,170 --> 00:13:53,920

can't wait to meet you again I can't

302

00:13:56,640 --> 00:13:55,180

wait to meet you again I'm sure we'll

303

00:13:58,530 --> 00:13:56,650

have a lot of fun here and Sydney yes

304

00:14:01,590 --> 00:13:58,540

and of course I can't wait to see your

305

00:14:03,660 --> 00:14:01,600

talk when you give it from live from the

306

00:14:06,840 --> 00:14:03,670

stage folks there's yet another clue for

307

00:14:08,760 --> 00:14:06,850

you another hint - erm - quickly run to

308

00:14:10,950 --> 00:14:08,770

the website and it links in this week's

309

00:14:13,410 --> 00:14:10,960

show notes and get your tickets to see

310

00:14:15,420 --> 00:14:13,420

dr. Alice hours in person well Alice

311

00:14:17,940 --> 00:14:15,430

thank you once again and we'll see you

312

00:14:20,760 --> 00:14:17,950

very soon in Sydney thank you very much

313

00:14:26,430 --> 00:14:20,770

I'll see you soon bye bye

314

00:14:31,030 --> 00:14:29,380

hey max fun listeners have you been

315

00:14:32,710 --> 00:14:31,040

listening to max fun for a while and

316

00:14:34,870 --> 00:14:32,720

you've just been wondering where's the

317

00:14:36,670 --> 00:14:34,880

new Flat Earth podcast to keep hearing

318

00:14:39,850 --> 00:14:36,680

about well here it is we give you all

319

00:14:44,440 --> 00:14:39,860

the facts on NASA's lies and how we know

320

00:14:47,350 --> 00:14:44,450

that the earth is actually flat this is

321

00:14:49,270 --> 00:14:47,360

oh no Ross and Carrie and we joined

322

00:14:51,370 --> 00:14:49,280

fringe religious groups we undergo

323

00:14:53,050 --> 00:14:51,380

alternative medical treatments and we

324

00:14:55,090 --> 00:14:53,060

hang out with people like 9/11 truthers

325

00:14:57,430 --> 00:14:55,100

flat-earthers we find out why do people

326

00:14:59,110 --> 00:14:57,440

believe strange things we join them and

327

00:15:00,790 --> 00:14:59,120

we tell you all about it we have a lot

328

00:15:02,940 --> 00:15:00,800

of fun we'd make a lot of friends yeah

329

00:15:05,530 --> 00:15:02,950

we do we joined the Mormons we join the

330

00:15:07,780 --> 00:15:05,540

Scientologists we got acupuncture we got

331

00:15:09,340 --> 00:15:07,790

fire cups we got ear candled we've done

332

00:15:11,170 --> 00:15:09,350

it all and we're gonna keep doing it all

333

00:15:17,950 --> 00:15:11,180

why don't you check out oh no Ross and

334

00:15:31,119 --> 00:15:28,739

[Music]

335

00:15:32,829 --> 00:15:31,129

couple of weeks ago I was walking

336

00:15:35,049 --> 00:15:32,839

through Sydney looking for some

337

00:15:37,119 --> 00:15:35,059

microphone filters they call them

338

00:15:40,569 --> 00:15:37,129

popping filters or wind screens or

339

00:15:44,529 --> 00:15:40,579

windshields stops the pepper sound when

340

00:15:46,119 --> 00:15:44,539

your anyway let's fly by I was heading

341

00:15:48,279 --> 00:15:46,129

for a music shop that sells them and

342

00:15:51,999 --> 00:15:48,289

just before I got to the music shop I'm

343

00:15:53,649 --> 00:15:52,009

past eight massage parlor and massage

344

00:15:57,669 --> 00:15:53,659

parlors a common in Sydney they usually

345

00:16:00,129 --> 00:15:57,679

Thai massage parlors and yes this was

346

00:16:01,749 --> 00:16:00,139

quite nice relaxing from time to time in

347

00:16:05,229 --> 00:16:01,759

the window of this particular one

348

00:16:08,979 --> 00:16:05,239

however it was one of these detox foot

349

00:16:10,689 --> 00:16:08,989

baths or a page about it with a

350

00:16:13,499 --> 00:16:10,699

photograph of someone seeking their feet

351
00:16:16,659 --> 00:16:13,509
into a detox bath and then progressively

352
00:16:20,919 --> 00:16:16,669
photographs of the water turning dark

353
00:16:22,659 --> 00:16:20,929
and murky and on the page stuck to the

354
00:16:25,929 --> 00:16:22,669
window was a little chart that says

355
00:16:27,929 --> 00:16:25,939
color or particulate and color is spelt

356
00:16:31,149 --> 00:16:27,939
the American Way that's interesting and

357
00:16:35,019 --> 00:16:31,159
next to it material or area of the body

358
00:16:37,709 --> 00:16:35,029
being detoxified so recording this

359
00:16:42,039 --> 00:16:37,719
little chart if the water turns black

360
00:16:47,169 --> 00:16:42,049
its detoxifying from your liver black

361
00:16:51,039 --> 00:16:47,179
flecks heavy metals Brown detoxifying

362
00:16:55,349 --> 00:16:51,049
from the liver cellular debris tobacco

363
00:17:00,329 --> 00:16:55,359

dark green detoxifying from gall bladder

364

00:17:06,399 --> 00:17:00,339

orange detoxifying from joints red flex

365

00:17:08,559 --> 00:17:06,409

blood clot material yeah I'd be pretty

366

00:17:10,829 --> 00:17:08,569

worried if there was blood clot material

367

00:17:14,769 --> 00:17:10,839

coming out through the soles of my feet

368

00:17:19,119 --> 00:17:14,779

white cheese like particulates most

369

00:17:23,049 --> 00:17:19,129

likely yeast most likely yeast white

370

00:17:26,159 --> 00:17:23,059

foam sounds dire detoxifying from the

371

00:17:28,090 --> 00:17:26,169

lymphatic system yellow-green

372

00:17:30,980 --> 00:17:28,100

detoxifying from the kidneys bladder

373

00:17:35,090 --> 00:17:30,990

urinary tract female

374

00:17:38,090 --> 00:17:35,100

slash prostate area Wow you can't get

375

00:17:39,440 --> 00:17:38,100

much more scientific than this well of

376

00:17:42,950 --> 00:17:39,450

course there are many pages on the

377

00:17:46,910 --> 00:17:42,960

internet that explode or debunk this

378

00:17:50,870 --> 00:17:46,920

quack device and here's one ad device

379

00:17:54,380 --> 00:17:50,880

watch which is from the quack watch web

380

00:17:58,430 --> 00:17:54,390

site device watch your guide to

381

00:18:01,640 --> 00:17:58,440

questionable medical devices the awkward

382

00:18:03,320 --> 00:18:01,650

detox camp by Stephen Barrett MD and if

383

00:18:04,640 --> 00:18:03,330

you'll remember we interviewed Stephen

384

00:18:08,419 --> 00:18:04,650

Barrett a couple of weeks ago on the

385

00:18:10,910 --> 00:18:08,429

sceptic zone and the page says one way

386

00:18:14,750 --> 00:18:10,920

to scam people is to diagnose and

387

00:18:18,020 --> 00:18:14,760

correct a non-existent problem awkward

388

00:18:21,200 --> 00:18:18,030

detox practitioners do this by claiming

389

00:18:25,430 --> 00:18:21,210

to remove toxins and balance cellular

390

00:18:28,370 --> 00:18:25,440

energy during treatment sessions the

391

00:18:31,490 --> 00:18:28,380

customers feet are bathed for 30 minutes

392

00:18:33,620 --> 00:18:31,500

in salt water that is subject to low

393

00:18:38,450 --> 00:18:33,630

voltage current transmitted through

394

00:18:40,790 --> 00:18:38,460

electrode assembly called an array the

395

00:18:43,430 --> 00:18:40,800

dark cylindrical object to which the

396

00:18:45,500 --> 00:18:43,440

wires attached awkward detox

397

00:18:48,860 --> 00:18:45,510

international claims that the apparatus

398

00:18:51,799 --> 00:18:48,870

quote produces a frequency of positive

399

00:18:54,710 --> 00:18:51,809

and negative ions which gently resonates

400

00:18:57,590 --> 00:18:54,720

through the body and stimulates all the

401
00:19:00,169 --> 00:18:57,600
cells within it rebalancing the cellular

402
00:19:03,770 --> 00:19:00,179
energy enabling the cells to perform

403
00:19:06,530 --> 00:19:03,780
efficiently and release any toxins that

404
00:19:08,540 --> 00:19:06,540
may have built up in quote during the

405
00:19:11,690 --> 00:19:08,550
process the water typically turns

406
00:19:14,600 --> 00:19:11,700
reddish-brown some marketers refer to

407
00:19:18,049 --> 00:19:14,610
the process as quote ionic cleansing in

408
00:19:21,860 --> 00:19:18,059
quote or and quote ionic foot bath man

409
00:19:24,740 --> 00:19:21,870
quote another marketer mobile beauty

410
00:19:27,380 --> 00:19:24,750
further explains that quote the system

411
00:19:30,140 --> 00:19:27,390
draws toxins through the soles of the

412
00:19:32,150 --> 00:19:30,150
feet unquote and that be quote water

413
00:19:36,049 --> 00:19:32,160

changes color due to the release of

414

00:19:38,240 --> 00:19:36,059

toxic substances through the mm pores of

415

00:19:40,280 --> 00:19:38,250

the soles of the feet in quote it's

416

00:19:43,400 --> 00:19:40,290

treatment sessions typically cost

417

00:19:44,860 --> 00:19:43,410

fifteen pounds to thirty pounds the

418

00:19:46,900 --> 00:19:44,870

company's website state

419

00:19:49,090 --> 00:19:46,910

that quote you'll see the excreted

420

00:19:52,030 --> 00:19:49,100

toxins in the water the water will

421

00:19:55,780 --> 00:19:52,040

change color and consistency from orange

422

00:19:57,760 --> 00:19:55,790

brown through black unquote yellow is

423

00:20:00,210 --> 00:19:57,770

said to come from the kidneys and the

424

00:20:04,810 --> 00:20:00,220

bladder orange Brown from the joints

425

00:20:08,350 --> 00:20:04,820

green dark brown to black from the liver

426
00:20:11,590 --> 00:20:08,360
gallbladder and/or bowel and white foam

427
00:20:13,960 --> 00:20:11,600
from the lymphatic system grease or fat

428
00:20:16,150 --> 00:20:13,970
particles may float to the top of the

429
00:20:18,460 --> 00:20:16,160
water according to the company the

430
00:20:21,640 --> 00:20:18,470
process can be used to improve liver and

431
00:20:24,610 --> 00:20:21,650
kidney functions circulation general

432
00:20:26,310 --> 00:20:24,620
metabolism arthritis and joint pains

433
00:20:29,140 --> 00:20:26,320
headaches fatigues irritability

434
00:20:32,020 --> 00:20:29,150
menstrual pain skin problems mercury and

435
00:20:35,620 --> 00:20:32,030
heavy metal toxicity food allergies and

436
00:20:38,140 --> 00:20:35,630
poor digestion the above claims are

437
00:20:41,080 --> 00:20:38,150
nonsensical most of the listed

438
00:20:43,960 --> 00:20:41,090

conditions do not have a toxic basis

439

00:20:46,510 --> 00:20:43,970

positive and negative ions cannot quote

440

00:20:49,419 --> 00:20:46,520

resonate end quote through the body in

441

00:20:53,350 --> 00:20:49,429

response to any such device and the skin

442

00:20:55,600 --> 00:20:53,360

has no ability to excrete toxins real

443

00:20:58,510 --> 00:20:55,610

detoxification of foreign substances

444

00:21:01,360 --> 00:20:58,520

takes place in the liver which modifies

445

00:21:03,910 --> 00:21:01,370

their chemical structure so they can be

446

00:21:06,540 --> 00:21:03,920

excreted by the kidneys which filter

447

00:21:08,919 --> 00:21:06,550

them from the blood into the urine the

448

00:21:12,190 --> 00:21:08,929

aqua detox is said to have been

449

00:21:15,580 --> 00:21:12,200

developed by quote doctor in quote Mary

450

00:21:19,000 --> 00:21:15,590

Stags based on quote research and quote

451
00:21:21,940 --> 00:21:19,010
by Royal Rice Stags who is British

452
00:21:24,430 --> 00:21:21,950
obtained two naturopathy degrees from a

453
00:21:26,710 --> 00:21:24,440
non-accredited American Correspondence

454
00:21:29,410 --> 00:21:26,720
School and appears to do most of her

455
00:21:31,900 --> 00:21:29,420
work in Spain rife was an American

456
00:21:33,960 --> 00:21:31,910
inventor who during the 1920s claimed to

457
00:21:37,060 --> 00:21:33,970
have developed a powerful microscope

458
00:21:39,700 --> 00:21:37,070
that could detect living microbes by the

459
00:21:43,419 --> 00:21:39,710
color of auras emitted by their

460
00:21:46,210 --> 00:21:43,429
vibratory rates a survey by the science

461
00:21:49,930 --> 00:21:46,220
journalist Ray Gervin has identified at

462
00:21:53,290 --> 00:21:49,940
least 19 devices that are similar to the

463
00:21:56,710 --> 00:21:53,300

awkward detox most of the devices sell

464

00:21:58,920 --> 00:21:56,720

for about 1,000 pounds many skeptics

465

00:22:01,970 --> 00:21:58,930

suspect that the color change produced

466

00:22:05,820 --> 00:22:01,980

the awkward detox was caused by rust

467

00:22:08,190 --> 00:22:05,830

ionized iron rather than toxins Ben

468

00:22:10,740 --> 00:22:08,200

Goldacre who writes the bad science

469

00:22:13,770 --> 00:22:10,750

column for Guardian unlimited and online

470

00:22:16,740 --> 00:22:13,780

British newspaper investigated by using

471

00:22:19,350 --> 00:22:16,750

a car battery to send a current through

472

00:22:22,290 --> 00:22:19,360

two metal nails that he placed into a

473

00:22:25,650 --> 00:22:22,300

bowl of salt water the water turned

474

00:22:28,280 --> 00:22:25,660

brown and developed some sludge on top

475

00:22:32,820 --> 00:22:28,290

then he sent a colleague to get a quote

476
00:22:35,910 --> 00:22:32,830
detoxed unquote and collected before and

477
00:22:38,340 --> 00:22:35,920
after water samples laboratory testing

478
00:22:41,160 --> 00:22:38,350
showed that in both cases the change in

479
00:22:43,920 --> 00:22:41,170
the water color was due to the greatly

480
00:22:47,340 --> 00:22:43,930
increased iron content thus it appears

481
00:22:50,430 --> 00:22:47,350
that a mccullough changes due mainly to

482
00:22:54,060 --> 00:22:50,440
the precipitation of rust created by

483
00:22:56,100 --> 00:22:54,070
corrosion of the electrodes and B the

484
00:22:59,160 --> 00:22:56,110
water would change colour regardless of

485
00:23:02,100 --> 00:22:59,170
whether or not a foot was placed in it

486
00:23:04,650 --> 00:23:02,110
the Guardian unlimited article has had

487
00:23:07,260 --> 00:23:04,660
some impact on how the aqua detox and

488
00:23:10,470 --> 00:23:07,270

its imitators are marketed some

489

00:23:13,200 --> 00:23:10,480

marketers admit that the colors are due

490

00:23:17,040 --> 00:23:13,210

entirely to electrode conversion and

491

00:23:20,990 --> 00:23:17,050

there is less emphasis on toxin removal

492

00:23:24,060 --> 00:23:21,000

and more emphasis on balancing of energy

493

00:23:27,780 --> 00:23:24,070

that is not measurable with scientific

494

00:23:30,540 --> 00:23:27,790

instruments and therefore untestable but

495

00:23:33,650 --> 00:23:30,550

the bottom line is very simple all such

496

00:23:40,140 --> 00:23:33,660

devices should be considered medically

497

00:23:48,029 --> 00:23:40,150

worthless and believe it or not this

498

00:23:53,080 --> 00:23:51,220

I'll link to this on the show notes but

499

00:23:55,360 --> 00:23:53,090

there's really no need to update this

500

00:23:58,720 --> 00:23:55,370

article because it's still current these

501
00:24:00,370 --> 00:23:58,730
devices are still being marketed around

502
00:24:03,820 --> 00:24:00,380
the world people are still forking out

503
00:24:07,810 --> 00:24:03,830
real money to bathe their feet and have

504
00:24:23,190 --> 00:24:07,820
the water change color a detox foot bath

505
00:24:26,649 --> 00:24:23,200
[Music]

506
00:24:28,779 --> 00:24:26,659
hey fellow skeptics in Medford here with

507
00:24:30,940 --> 00:24:28,789
Celeste reward your friendly host of

508
00:24:33,370 --> 00:24:30,950
squaring the strange a podcast that

509
00:24:35,649 --> 00:24:33,380
looks at topics ranging from legends and

510
00:24:37,960 --> 00:24:35,659
cryptids and panics meaty myths

511
00:24:40,240 --> 00:24:37,970
psychology and folklore breaking things

512
00:24:41,980 --> 00:24:40,250
down and picking things apart as we

513
00:24:44,529 --> 00:24:41,990

skeptics do we bring different

514

00:24:47,260 --> 00:24:44,539

perspectives to the table pleasure for

515

00:24:48,880 --> 00:24:47,270

example is a witty cartoonist and Ben is

516

00:24:51,159 --> 00:24:48,890

a brilliant writer and longtime

517

00:24:53,590 --> 00:24:51,169

skeptical investigator we don't always

518

00:24:56,049 --> 00:24:53,600

agree but we have fun trying and we

519

00:24:58,750 --> 00:24:56,059

learn new things join us for new topics

520

00:25:01,270 --> 00:24:58,760

every week or two or browse our backlog

521

00:25:04,029 --> 00:25:01,280

of evergreen episodes available on

522

00:25:06,789 --> 00:25:04,039

iTunes and all your podcasts feeding

523

00:25:10,900 --> 00:25:06,799

troughs squaring the strange take care

524

00:25:10,910 --> 00:25:16,120

[Music]

525

00:25:16,130 --> 00:25:23,820

his may not spooky action at a distance

526

00:25:27,640 --> 00:25:26,590

well here we are in a tin can high atop

527

00:25:29,980 --> 00:25:27,650

the world well no we're not actually

528

00:25:32,470 --> 00:25:29,990

right the second story of the Occidental

529

00:25:34,330 --> 00:25:32,480

hotel for skeptics in the pub where I

530

00:25:35,950 --> 00:25:34,340

walked in and let me tell you some Diana

531

00:25:38,710 --> 00:25:35,960

Ross was playing downstairs I'm coming

532

00:25:40,180 --> 00:25:38,720

up great track walk up here nothing not

533

00:25:41,620 --> 00:25:40,190

a crackhead not even a walk in the Black

534

00:25:42,850 --> 00:25:41,630

Forest buy her velvet which is a great

535

00:25:44,230 --> 00:25:42,860

track I recommend it to you

536

00:25:45,610 --> 00:25:44,240

tonight we're going to be hanging out

537

00:25:46,779 --> 00:25:45,620

with some skeptics seeing what's going

538

00:25:48,880 --> 00:25:46,789

on who's shaking what and what they're

539

00:25:50,890 --> 00:25:48,890

shaking it out what's critical what's

540

00:25:52,210 --> 00:25:50,900

not and what's thinking and what's not

541

00:25:53,980 --> 00:25:52,220

I'll be on the side of Lee what's not

542

00:25:55,330 --> 00:25:53,990

thinking and you can decide the debate

543

00:25:57,070 --> 00:25:55,340

by round of applause at the end and a

544

00:25:58,690 --> 00:25:57,080

simple standing and walking out that's

545

00:26:01,299 --> 00:25:58,700

what's happening tonight here at skeptic

546

00:26:02,620 --> 00:26:01,309

ins and the Bubba look I am asking

547

00:26:04,180 --> 00:26:02,630

people tonight about the letter that's

548

00:26:06,700 --> 00:26:04,190

just been sent out by the Australian

549

00:26:08,560 --> 00:26:06,710

skeptics to ourselves to consider about

550

00:26:09,820 --> 00:26:08,570

maybe not having psychics there doing

551
00:26:11,649 --> 00:26:09,830
shows about talking to the dead

552
00:26:13,330 --> 00:26:11,659
considering the memory of the dead could

553
00:26:14,830 --> 00:26:13,340
be important at the returned League

554
00:26:18,669 --> 00:26:14,840
Association how do you feel about that

555
00:26:20,470 --> 00:26:18,679
as an American as an American who has no

556
00:26:22,600 --> 00:26:20,480
watering rights here that sounds a

557
00:26:24,340 --> 00:26:22,610
disrespectful and counterproductive give

558
00:26:27,100 --> 00:26:24,350
me a better off hiring therapists a

559
00:26:29,049 --> 00:26:27,110
similar thing going on in the USG air to

560
00:26:33,899 --> 00:26:29,059
return service club they would they have

561
00:26:35,919 --> 00:26:33,909
a most shows on like that I'm actually

562
00:26:37,510 --> 00:26:35,929
ignorant as to what the veteran

563
00:26:40,510 --> 00:26:37,520

sensation does I know they're supposed

564

00:26:42,340 --> 00:26:40,520

to provide things like health care and

565

00:26:43,419 --> 00:26:42,350

mental mental health care but you know

566

00:26:44,620 --> 00:26:43,429

if the backlog that's not really

567

00:26:45,850 --> 00:26:44,630

happening unfortunately and people with

568

00:26:49,720 --> 00:26:45,860

psychic abilities isn't probably

569

00:26:53,010 --> 00:26:49,730

something you want to be supplying they

570

00:26:55,630 --> 00:26:53,020

should be supplying real health care

571

00:26:57,400 --> 00:26:55,640

yes yes so should they be having psychic

572

00:27:00,100 --> 00:26:57,410

shows at ourselves when you think about

573

00:27:02,140 --> 00:27:00,110

it yeah no not at all they most said

574

00:27:04,120 --> 00:27:02,150

most definitely should not be spending

575

00:27:05,590 --> 00:27:04,130

any money on it yeah I mean it probably

576

00:27:06,700 --> 00:27:05,600

actually makes money for them when you

577

00:27:08,620 --> 00:27:06,710

think about it which is probably the

578

00:27:12,000 --> 00:27:08,630

reason why they're doing it so you're

579

00:27:16,240 --> 00:27:12,010

gonna take that into account I guess

580

00:27:19,580 --> 00:27:18,200

particular with a lot of ourselves in

581

00:27:22,040 --> 00:27:19,590

New South Wales their business model is

582

00:27:23,990 --> 00:27:22,050

based upon gambling they've got a lot of

583

00:27:25,640 --> 00:27:24,000

poker machines in there I don't need

584

00:27:27,950 --> 00:27:25,650

anything extra those poker machines make

585

00:27:29,180 --> 00:27:27,960

them quite a lot of money sure they do

586

00:27:32,210 --> 00:27:29,190

if you've got an opinion on this at all

587

00:27:34,760 --> 00:27:32,220

so I'm not really for that idea at all

588

00:27:38,570 --> 00:27:34,770

yeah I think we should be honoring the

589

00:27:40,490 --> 00:27:38,580

servicemen and women but it's a disgrace

590

00:27:41,720 --> 00:27:40,500

I think to do what they're doing yeah I

591

00:27:43,100 --> 00:27:41,730

mean do you think it's a skeptics place

592

00:27:44,030 --> 00:27:43,110

to point it out to them but I guess it

593

00:27:47,810 --> 00:27:44,040

doesn't hurt to write them letters

594

00:27:52,850 --> 00:27:51,140

all the time actually I've been do live

595

00:27:55,430 --> 00:27:52,860

shows we'll have like The Mentalist but

596

00:27:59,420 --> 00:27:55,440

there they're there to entertain we know

597

00:28:00,680 --> 00:27:59,430

to someone like banner check you guys

598

00:28:01,970 --> 00:28:00,690

look it looks like I'm reading a mind

599

00:28:03,350 --> 00:28:01,980

but I'm not really doing that yeah

600

00:28:04,970 --> 00:28:03,360

someone who's upfront about it here

601
00:28:07,340 --> 00:28:04,980
that's right yeah we know it's for

602
00:28:08,690 --> 00:28:07,350
entertainment we know it's for fun we

603
00:28:10,880 --> 00:28:08,700
wonder how they do it you don't know how

604
00:28:13,250 --> 00:28:10,890
they do it but we know it's a gag it's a

605
00:28:21,500 --> 00:28:13,260
trick behind it but we don't want to

606
00:28:23,180 --> 00:28:21,510
have these thinking they're really good

607
00:28:24,500 --> 00:28:23,190
you can also pollute someone's memory by

608
00:28:25,850 --> 00:28:24,510
doing that as well you can give them the

609
00:28:27,530 --> 00:28:25,860
false impression that something's going

610
00:28:31,580 --> 00:28:27,540
on in the past that never happened at

611
00:28:33,500 --> 00:28:31,590
all yeah well how do you feel about this

612
00:28:36,200 --> 00:28:33,510
whole thing of psychics at ourselves

613
00:28:37,940 --> 00:28:36,210

talking to the dead or more actually

614

00:28:40,640 --> 00:28:37,950

more correctly having the dead talk back

615

00:28:42,990 --> 00:28:40,650

to them I think it's very distasteful to

616

00:28:45,070 --> 00:28:43,000

have such grief vampires coming

617

00:28:47,950 --> 00:28:45,080

places where people should be looked

618

00:28:49,840 --> 00:28:47,960

after you know there may have be quite

619

00:28:52,180 --> 00:28:49,850

vulnerable they might need know you're

620

00:28:54,610 --> 00:28:52,190

looking after rather than being extorted

621

00:28:56,380 --> 00:28:54,620

yeah as I mentioned it could pollute the

622

00:28:58,260 --> 00:28:56,390

memory of the dead so actually changing

623

00:29:00,820 --> 00:28:58,270

the person's memory of the dead by

624

00:29:06,190 --> 00:29:00,830

intimating that there's this information

625

00:29:08,650 --> 00:29:06,200

from them which if they're talking about

626
00:29:10,000 --> 00:29:08,660
maybe people who died in combat there's

627
00:29:12,340 --> 00:29:10,010
a lot that they can say that will be

628
00:29:13,840 --> 00:29:12,350
probably like Barnum statements yeah oh

629
00:29:15,250 --> 00:29:13,850
they were very courageous they were

630
00:29:16,720 --> 00:29:15,260
other things that you can say that you

631
00:29:18,340 --> 00:29:16,730
know you're going to be onto a winner so

632
00:29:20,500 --> 00:29:18,350
their problem with that is and obviously

633
00:29:23,020 --> 00:29:20,510
they're more is to be believed which is

634
00:29:24,789 --> 00:29:23,030
just really nice I use a little bit more

635
00:29:26,230 --> 00:29:24,799
skeptical because of your English

636
00:29:28,780 --> 00:29:26,240
experience because there's a bit of a

637
00:29:33,940 --> 00:29:28,790
longer history with this thing in the UK

638
00:29:35,320 --> 00:29:33,950

as it entertainment we do have plenty in

639

00:29:37,120 --> 00:29:35,330

Australia but you get the big English

640

00:29:39,580 --> 00:29:37,130

ones coming here really slamming it so

641

00:29:42,130 --> 00:29:39,590

often here I have personally protested

642

00:29:46,480 --> 00:29:42,140

some of the bigger names which I

643

00:29:48,340 --> 00:29:46,490

probably won't name protested and helped

644

00:29:50,200 --> 00:29:48,350

hand out leaflets outside saying you

645

00:29:51,820 --> 00:29:50,210

keep an eye out for these Barnum

646

00:29:54,190 --> 00:29:51,830

statements which are likely to be coming

647

00:29:56,590 --> 00:29:54,200

out you know gone into their shows and

648

00:29:58,240 --> 00:29:56,600

seen cold reading in action I've never

649

00:30:00,669 --> 00:29:58,250

actually paid money for one because I

650

00:30:02,620 --> 00:30:00,679

just find that I've never had the money

651
00:30:05,440 --> 00:30:02,630
I've gone on to cover the free ones

652
00:30:08,380 --> 00:30:05,450
before and in all honesty it's hard not

653
00:30:09,910 --> 00:30:08,390
to laugh and then of course you're seen

654
00:30:11,380 --> 00:30:09,920
as being the evil

655
00:30:12,670 --> 00:30:11,390
at the back who's laughing away through

656
00:30:14,110 --> 00:30:12,680
it I might know but I'm laughing because

657
00:30:18,400 --> 00:30:14,120
she's claiming to be talking to your

658
00:30:19,390 --> 00:30:18,410
dead to our who's grasp of English might

659
00:30:21,520 --> 00:30:19,400
not have been that good in the first

660
00:30:23,860 --> 00:30:21,530
place when it was alive exactly I mean

661
00:30:25,090 --> 00:30:23,870
you know I think maybe if she done it

662
00:30:27,610 --> 00:30:25,100
with a Spanish accent that could have

663
00:30:29,740 --> 00:30:27,620

been funnier and if it you if it didn't

664

00:30:32,340 --> 00:30:29,750

know not to poo in the corner how is it

665

00:30:34,780 --> 00:30:32,350

talking from the afterlife

666

00:30:40,150 --> 00:30:34,790

chewing slippers in the corner of the

667

00:30:41,980 --> 00:30:40,160

room look we've had a bit of a chat here

668

00:30:43,420 --> 00:30:41,990

we've got a couple of you people that

669

00:30:45,910 --> 00:30:43,430

are along here for the first time and

670

00:30:48,190 --> 00:30:45,920

they're also just duelist as the skeptic

671

00:30:50,620 --> 00:30:48,200

zone as well who have we got here my

672

00:30:53,020 --> 00:30:50,630

name is Michelle Demers my name is

673

00:30:54,610 --> 00:30:53,030

Heather and how did you find your way to

674

00:30:55,960 --> 00:30:54,620

the Skip pick zone I mean there's plenty

675

00:30:57,340 --> 00:30:55,970

of other great podcasts to listen to

676
00:31:00,850 --> 00:30:57,350
them in Georgia rap show is much better

677
00:31:02,680 --> 00:31:00,860
so while you listening to us well I'm a

678
00:31:03,970 --> 00:31:02,690
big fan of other skeptic podcasts as

679
00:31:05,500 --> 00:31:03,980
well and sometimes you know when you

680
00:31:06,910 --> 00:31:05,510
like one and you really enjoy it you end

681
00:31:08,920 --> 00:31:06,920
up looking and seeing what else is on

682
00:31:11,010 --> 00:31:08,930
there and your show came up and so what

683
00:31:13,600 --> 00:31:11,020
skeptic podcast did you start with

684
00:31:16,210 --> 00:31:13,610
skeptics guide to the universe the same

685
00:31:18,760 --> 00:31:16,220
thing and how did you discover that one

686
00:31:22,240 --> 00:31:18,770
I discovered it from Heather's

687
00:31:24,490 --> 00:31:22,250
recommendation actually I found it on

688
00:31:26,050 --> 00:31:24,500

Spotify which I'm addicted to and I've

689

00:31:28,720 --> 00:31:26,060

been addicted to it ever since

690

00:31:30,310 --> 00:31:28,730

okay that's good as the Americans can

691

00:31:32,170 --> 00:31:30,320

get their podcasts on to Spotify the

692

00:31:34,210 --> 00:31:32,180

Australians can't at the moment yeah

693

00:31:35,200 --> 00:31:34,220

it's a bit centric to that yeah well

694

00:31:36,430 --> 00:31:35,210

that's good and would you make it a

695

00:31:38,080 --> 00:31:36,440

little tonight we had a discussion about

696

00:31:40,030 --> 00:31:38,090

some Australian indigenous history there

697

00:31:41,260 --> 00:31:40,040

yeah that was actually fascinating I

698

00:31:42,610 --> 00:31:41,270

mean we're we're both from Canada

699

00:31:44,260 --> 00:31:42,620

originally so that's not something that

700

00:31:45,880 --> 00:31:44,270

we've really come across before it it's

701
00:31:47,440 --> 00:31:45,890
it's interesting hearing different

702
00:31:48,790 --> 00:31:47,450
perspectives on similar issues because

703
00:31:49,990 --> 00:31:48,800
they always bring up things that you

704
00:31:51,840 --> 00:31:50,000
never really thought about and it always

705
00:31:53,160 --> 00:31:51,850
gives you something new to consider

706
00:31:56,390 --> 00:31:53,170
and how is the First Nation history

707
00:32:02,400 --> 00:31:56,400
treatment going up there in Canada

708
00:32:03,810 --> 00:32:02,410
probably not much better than here now

709
00:32:05,040 --> 00:32:03,820
many more Americans turned up there with

710
00:32:06,480 --> 00:32:05,050
the whole Trump thing how people just

711
00:32:08,760 --> 00:32:06,490
flooding across the border they're going

712
00:32:10,290 --> 00:32:08,770
I want to live here the short York your

713
00:32:11,520 --> 00:32:10,300

Prime Minister so much nicer well though

714

00:32:13,590 --> 00:32:11,530

he had that touching incident but he

715

00:32:15,870 --> 00:32:13,600

apologized eight times for it or within

716

00:32:17,430 --> 00:32:15,880

a day which is good good for me well

717

00:32:19,080 --> 00:32:17,440

actually what's really interesting now

718

00:32:21,210 --> 00:32:19,090

it's like so Canada it's not a place you

719

00:32:23,010 --> 00:32:21,220

get a lot of illegal refugees it's hard

720

00:32:24,240 --> 00:32:23,020

because you've got a big ocean to decide

721

00:32:25,590 --> 00:32:24,250

and then you've got a big country

722

00:32:26,670 --> 00:32:25,600

underneath it but now now you're right

723

00:32:28,230 --> 00:32:26,680

rocks you're hearing nobody legal

724

00:32:30,210 --> 00:32:28,240

refugees because the refugees in the US

725

00:32:32,400 --> 00:32:30,220

and they're trying to like flee the u.s.

726

00:32:34,440 --> 00:32:32,410

so they're crossing the borders over to

727

00:32:35,940 --> 00:32:34,450

Canada it's kind of you know that hasn't

728

00:32:38,070 --> 00:32:35,950

really happened a lot on our past as far

729

00:32:40,620 --> 00:32:38,080

as I know we live in interesting times

730

00:32:44,070 --> 00:32:40,630

don't waste the Chinese might say yeah

731

00:32:45,150 --> 00:32:44,080

indeed one last question before we

732

00:32:46,440 --> 00:32:45,160

finish thank you for listening to show

733

00:32:48,000 --> 00:32:46,450

that's two more listeners write that

734

00:32:49,500 --> 00:32:48,010

down in the book Richard what is the

735

00:32:51,510 --> 00:32:49,510

main thing you're skeptical that one

736

00:32:52,950 --> 00:32:51,520

when one skeptical topic comes up on any

737

00:32:54,840 --> 00:32:52,960

of your podcast what do you go

738

00:32:57,060 --> 00:32:54,850

oh right that's good any one you like

739

00:32:58,980 --> 00:32:57,070

particularly more than other well I

740

00:33:00,630 --> 00:32:58,990

think because I'm I'm a plant scientist

741

00:33:03,630 --> 00:33:00,640

and I work with plant genetics a lot so

742

00:33:06,510 --> 00:33:03,640

the genes yes that's another botanist

743

00:33:08,520 --> 00:33:06,520

that's for now we've a lot of botanists

744

00:33:10,230 --> 00:33:08,530

we've spoken to four or five in the past

745

00:33:11,880 --> 00:33:10,240

couple of weeks normally it's physicists

746

00:33:13,770 --> 00:33:11,890

you know getting all up doing them

747

00:33:15,450 --> 00:33:13,780

faster-than-light rubbish and stuff like

748

00:33:18,330 --> 00:33:15,460

that the botanists are cool favorite

749

00:33:21,000 --> 00:33:18,340

plant favorite plant Adeiny amad any mo

750

00:33:22,260 --> 00:33:21,010

besom I hope the desert rose it's a it's

751

00:33:23,550 --> 00:33:22,270

mostly I just like because it's

752

00:33:25,890 --> 00:33:23,560

beautiful I'm just gonna be frank about

753

00:33:27,480 --> 00:33:25,900

that but they grow like bonsai they have

754

00:33:28,800 --> 00:33:27,490

this really beautiful base and they have

755

00:33:30,360 --> 00:33:28,810

these gorgeous flowers and they grow

756

00:33:32,460 --> 00:33:30,370

like bonsai but you don't actually have

757

00:33:34,590 --> 00:33:32,470

to trim them so they're like zero work

758

00:33:35,880 --> 00:33:34,600

bonsai which is amazing would we have

759

00:33:37,650 --> 00:33:35,890

anything like that in Australia you've

760

00:33:39,240 --> 00:33:37,660

seen oh all over the place yeah they're

761

00:33:42,030 --> 00:33:39,250

like common potted plants you find them

762

00:33:43,530 --> 00:33:42,040

in people's gardens yeah some rare thing

763

00:33:46,259 --> 00:33:43,540

would have to order in a shop in that

764

00:33:48,719 --> 00:33:47,549

absolutely are but here you actually

765

00:33:50,070 --> 00:33:48,729

have the climate for us so here we think

766

00:33:51,539 --> 00:33:50,080

there go back home we think they're

767

00:33:52,969 --> 00:33:51,549

totally exotic but here it's a couple's

768

00:33:55,109 --> 00:33:52,979

got them in their front yard no big deal

769

00:33:56,879 --> 00:33:55,119

as I've said before on the show I'm a

770

00:33:57,329 --> 00:33:56,889

fan of the Western Australian picture

771

00:34:00,810 --> 00:33:57,339

plant

772

00:34:02,820 --> 00:34:00,820

to grow because it lives in swampy marsh

773

00:34:04,649 --> 00:34:02,830

regions and like acidic soil so unless

774

00:34:07,229 --> 00:34:04,659

you are trending it daily like a

775

00:34:08,730 --> 00:34:07,239

tropical tank and fish it'll die which

776

00:34:10,440 --> 00:34:08,740

I've kill three of them so I don't do

777

00:34:12,930 --> 00:34:10,450

any more I'm not your area of science

778

00:34:14,339 --> 00:34:12,940

you interested in well it has to be

779

00:34:16,470 --> 00:34:14,349

environmental science I'm actually

780

00:34:18,750 --> 00:34:16,480

studying sustainability so not the

781

00:34:20,399 --> 00:34:18,760

scientific side of things but just how

782

00:34:23,460 --> 00:34:20,409

people can live more sustainably within

783

00:34:25,799 --> 00:34:23,470

the earth the world because as you can

784

00:34:27,389 --> 00:34:25,809

imagine with seven billion people

785

00:34:29,639 --> 00:34:27,399

there's a lot of things we need to work

786

00:34:33,419 --> 00:34:29,649

out how to do better so we can you know

787

00:34:35,700 --> 00:34:33,429

get the long haul in just you've just an

788

00:34:37,079 --> 00:34:35,710

the Russians are just feels the Canadian

789

00:34:39,240 --> 00:34:37,089

election and made you president of the

790

00:34:41,669 --> 00:34:39,250

world okay thank you Russians now what's

791

00:34:43,559 --> 00:34:41,679

the first thing you would do as that to

792

00:34:48,649 --> 00:34:43,569

environmentally save the place the first

793

00:34:52,169 --> 00:34:50,940

I'm still learning and I'm happy to say

794

00:34:53,760 --> 00:34:52,179

I'm still learning look there are lots

795

00:34:55,470 --> 00:34:53,770

and lots of little things but I really

796

00:34:56,789 --> 00:34:55,480

do think one thing I can say with some

797

00:34:59,250 --> 00:34:56,799

confidence at this point is that

798

00:35:00,930 --> 00:34:59,260

government does have to lead the way and

799

00:35:04,140 --> 00:35:00,940

it's definitely not not in this country

800

00:35:05,789 --> 00:35:04,150

not really anywhere house Canada going

801

00:35:08,760 --> 00:35:05,799

with deregulation it's not moving in

802

00:35:10,049 --> 00:35:08,770

that way like the u.s. is is it it's

803

00:35:13,010 --> 00:35:10,059

kind of cheaper people think it's a

804

00:35:17,150 --> 00:35:13,020

saving money by doing that but now

805

00:35:19,190 --> 00:35:17,160

no luckily well now we've got up okay I

806

00:35:21,140 --> 00:35:19,200

don't think Trudeau is into too much

807

00:35:23,150 --> 00:35:21,150

deregulation that would be one good

808

00:35:25,400 --> 00:35:23,160

thing about him he's not very

809

00:35:27,590 --> 00:35:25,410

environmentally friendly but you know

810

00:35:29,630 --> 00:35:27,600

there's obviously so many varying

811

00:35:32,450 --> 00:35:29,640

factions that want what they want so he

812

00:35:33,620 --> 00:35:32,460

can only do so much I really don't know

813

00:35:34,730 --> 00:35:33,630

what they're doing economically at the

814

00:35:36,380 --> 00:35:34,740

moment I know conservatives are

815

00:35:38,740 --> 00:35:36,390

complaining about him economically so

816

00:35:40,700 --> 00:35:38,750

that must mean he is regulating things

817

00:35:42,650 --> 00:35:40,710

thank you both for listening to the show

818

00:35:44,060 --> 00:35:42,660

and I must congratulate Canada on having

819

00:35:45,320 --> 00:35:44,070

the only defense minister that's come

820

00:35:47,120 --> 00:35:45,330

out publicly and admitted to the

821

00:35:49,280 --> 00:35:47,130

existence of UFOs

822

00:35:51,680 --> 00:35:49,290

he's about 96 now he was that your

823

00:35:53,330 --> 00:35:51,690

defense minister during the 60s and he

824

00:35:56,420 --> 00:35:53,340

says yep they realize all the stuff so

825

00:35:58,190 --> 00:35:56,430

good I he well he saw the stuff and you

826

00:35:59,540 --> 00:35:58,200

know in fact he's been telling people so

827

00:36:00,740 --> 00:35:59,550

long he's gone off that now and going to

828

00:36:03,170 --> 00:36:00,750

do something else cuz people won't

829

00:36:04,850 --> 00:36:03,180

listen to him well I'm gonna say poly

830

00:36:09,280 --> 00:36:04,860

means many and tics are little blood

831

00:36:11,240 --> 00:36:09,290

sucking creatures okay thank you

832

00:36:12,560 --> 00:36:11,250

well Richard it's been happening in

833

00:36:13,730 --> 00:36:12,570

skeptics in the pub tonight there's a

834

00:36:15,440 --> 00:36:13,740

hub up in the background but it has a

835

00:36:17,300 --> 00:36:15,450

bit of a wash up and it's been a bit of

836

00:36:19,040 --> 00:36:17,310

arm wrestling it's been fun it's time I

837

00:36:20,390 --> 00:36:19,050

went and washed up in fact I think I am

838

00:36:23,720 --> 00:36:20,400

washed up may now that's the problem

839

00:36:25,970 --> 00:36:23,730

it's been hushing flushing and some

840

00:36:27,620 --> 00:36:25,980

occasional fussing but it's all been fun

841

00:36:29,780 --> 00:36:27,630

it's all been fun at skeptics in the pub

842

00:36:31,520 --> 00:36:29,790

and I hope we see a big crowd here next

843

00:36:33,800 --> 00:36:31,530

month the first Thursday of the month

844

00:36:35,330 --> 00:36:33,810

ride cool and don't forget the

845

00:36:36,200 --> 00:36:35,340

conference people get it expect it's

846

00:36:37,370 --> 00:36:36,210

gonna be a big time

847

00:36:40,190 --> 00:36:37,380

and it's the one time of the year I

848

00:36:53,920 --> 00:36:40,200

really dress up yes that's right the one

849

00:36:53,930 --> 00:37:01,940

[Music]

850

00:37:07,980 --> 00:37:05,760

yes simply idiot hey Sal you guys guys I

851
00:37:09,900 --> 00:37:07,990
just had the most amazing experience

852
00:37:11,549 --> 00:37:09,910
what experience on dress under Chevy

853
00:37:13,680 --> 00:37:11,559
been to the pub children nuts hang out

854
00:37:16,109 --> 00:37:13,690
with mash you know he was blessed by

855
00:37:18,960 --> 00:37:16,119
peter Popoff no Yellin I'm not talking

856
00:37:20,940 --> 00:37:18,970
about psychics it was a really SP

857
00:37:22,680 --> 00:37:20,950
experience now you have been to the pub

858
00:37:23,160 --> 00:37:22,690
either that or you've been smoking

859
00:37:25,680 --> 00:37:23,170
something

860
00:37:27,900 --> 00:37:25,690
no punters the ESB is the European

861
00:37:30,059 --> 00:37:27,910
sceptics podcast it's the most amazing

862
00:37:31,859 --> 00:37:30,069
thing you get to know so much about

863
00:37:34,799 --> 00:37:31,869

sceptics and their activities across

864

00:37:36,569 --> 00:37:34,809

Europe you know events hot topics and

865

00:37:38,789 --> 00:37:36,579

interviews with lots of interesting

866

00:37:40,109 --> 00:37:38,799

people oh wow cool by the way pointers

867

00:37:42,539 --> 00:37:40,119

you just come into the false dichotomy

868

00:37:45,809 --> 00:37:42,549

fallacy I guess that means I'm really

869

00:37:47,819 --> 00:37:45,819

wrong yep and you can even learn about

870

00:37:50,309 --> 00:37:47,829

those fallacies in the show and hear

871

00:37:52,559 --> 00:37:50,319

about people spreading silly ideas you

872

00:37:55,559 --> 00:37:52,569

should really check it out it's the ESP

873

00:37:58,440 --> 00:37:55,569

the European sceptics podcast it's on

874

00:38:00,569 --> 00:37:58,450

never weak alright so where can I get

875

00:38:03,240 --> 00:38:00,579

this is the experience it sounds good

876

00:38:06,329 --> 00:38:03,250

you can go online at the ESP do to you

877

00:38:09,359 --> 00:38:06,339

follow it on twitter at es podcast

878

00:38:11,490 --> 00:38:09,369

underscore EU or like the podcast on

879

00:38:14,549 --> 00:38:11,500

Facebook oh and you can also contact the

880

00:38:18,390 --> 00:38:14,559

show by sending them an email to info at

881

00:38:20,400 --> 00:38:18,400

the ESPE you and if you want to

882

00:38:23,160 --> 00:38:20,410

subscribe do a quick search for the

883

00:38:26,700 --> 00:38:23,170

European skeptic podcast on soundcloud

884

00:38:56,430 --> 00:38:54,480

I don't know why you can't believe I'm

885

00:38:58,920 --> 00:38:56,440

joining me now all the way from Prague

886

00:39:02,520 --> 00:38:58,930

it's clear Klingon boat once again hello

887

00:39:04,410 --> 00:39:02,530

Claire hi nice to be back yeah wonderful

888

00:39:06,150 --> 00:39:04,420

to have you back on the sceptic zone now

889

00:39:08,190 --> 00:39:06,160

the last time we spoke to you a few

890

00:39:11,670 --> 00:39:08,200

weeks ago you were telling us about your

891

00:39:14,400 --> 00:39:11,680

upcoming trip to Scotland and Germany

892

00:39:17,640 --> 00:39:14,410

first of all how was Scotland how did

893

00:39:19,500 --> 00:39:17,650

that go it was awesome the Edinburgh

894

00:39:21,870 --> 00:39:19,510

skeptics are doing a great job at the

895

00:39:25,200 --> 00:39:21,880

Fringe they had to talk every night for

896

00:39:27,540 --> 00:39:25,210

20 days straight it was really really

897

00:39:29,370 --> 00:39:27,550

something and in Glasgow was fantastic

898

00:39:32,460 --> 00:39:29,380

to do Glasgow skeptics they have talks

899

00:39:35,070 --> 00:39:32,470

every Monday and they're incredibly

900

00:39:38,520 --> 00:39:35,080

prepared and friendly in there it was a

901
00:39:40,680 --> 00:39:38,530
wonderful trip all around it sounds like

902
00:39:42,870 --> 00:39:40,690
you had a great time and I'm I'm jealous

903
00:39:45,450 --> 00:39:42,880
of your trip to Scotland but probably

904
00:39:47,760 --> 00:39:45,460
and maybe possibly even more so jealous

905
00:39:50,160 --> 00:39:47,770
about your trip to Germany because and

906
00:39:52,710 --> 00:39:50,170
folks I will link to this on the show

907
00:39:55,829 --> 00:39:52,720
notes you were involved in some testing

908
00:39:58,170 --> 00:39:55,839
of some paranormal activity which was

909
00:40:01,440 --> 00:39:58,180
all recorded by a Deutsche Welle or some

910
00:40:04,440 --> 00:40:01,450
German TV network what can you tell us

911
00:40:08,190 --> 00:40:04,450
about that well Martin monitor from the

912
00:40:09,839 --> 00:40:08,200
GWP the German skeptics invited us to

913
00:40:11,700 --> 00:40:09,849

come over and see their testing because

914

00:40:13,320 --> 00:40:11,710

the German skeptics to do testing only

915

00:40:15,660 --> 00:40:13,330

once a year always in the summer in

916

00:40:18,540 --> 00:40:15,670

August and so it was really exciting for

917

00:40:20,190 --> 00:40:18,550

us go to see how they do their

918

00:40:23,190 --> 00:40:20,200

paranormal challenges their paranormal

919

00:40:25,230 --> 00:40:23,200

experiments they had two candidates this

920

00:40:31,500 --> 00:40:25,240

year the first one was a dowser and the

921

00:40:34,260 --> 00:40:31,510

second one was an engineer who thought

922

00:40:36,359 --> 00:40:34,270

he could detect a new type of

923

00:40:39,540 --> 00:40:36,369

electromagnetic field that was generated

924

00:40:42,330 --> 00:40:39,550

by the universe or by

925

00:40:46,380 --> 00:40:42,340

higher power so that was a kind of an

926
00:40:50,550 --> 00:40:46,390
unclear thing he he's like he worked his

927
00:40:52,640 --> 00:40:50,560
whole life as a antenna engineer and he

928
00:40:54,900 --> 00:40:52,650
tried to apply that knowledge to

929
00:40:57,720 --> 00:40:54,910
creating a special pendulum that could

930
00:40:59,460 --> 00:40:57,730
measure this ultra magnetic field yes it

931
00:41:01,980 --> 00:40:59,470
was it was fascinating to watch the

932
00:41:03,660 --> 00:41:01,990
video and I encourage everybody even

933
00:41:05,610 --> 00:41:03,670
though the videos in German you don't

934
00:41:07,980 --> 00:41:05,620
need to understand German to see what's

935
00:41:10,530 --> 00:41:07,990
going on it's a scientific test Clara

936
00:41:11,730 --> 00:41:10,540
Klien Berg is there taking part and lots

937
00:41:13,800 --> 00:41:11,740
of other people

938
00:41:16,470 --> 00:41:13,810

we've got a dowser award a diviner

939

00:41:19,500 --> 00:41:16,480

looking for water and this man with his

940

00:41:21,360 --> 00:41:19,510

pendulum and it's just it's just so

941

00:41:24,780 --> 00:41:21,370

classic isn't it clear that the dowser

942

00:41:26,640 --> 00:41:24,790

and somebody with the pendulum it's it's

943

00:41:28,410 --> 00:41:26,650

like the good old good old days of

944

00:41:30,840 --> 00:41:28,420

skepticism isn't it that's true that's

945

00:41:32,310 --> 00:41:30,850

true it's always interesting to see

946

00:41:36,330 --> 00:41:32,320

these tests how different people react

947

00:41:40,440 --> 00:41:36,340

to unfortunately always having their

948

00:41:45,270 --> 00:41:40,450

beliefs squashed in a way the dowser he

949

00:41:48,450 --> 00:41:45,280

was a construction worker who uses his

950

00:41:51,930 --> 00:41:48,460

thousand thousand rods to find cables

951
00:41:54,750 --> 00:41:51,940
and but for some reason for the tests he

952
00:41:56,310 --> 00:41:54,760
wanted to find water and then he said if

953
00:41:58,650 --> 00:41:56,320
we were to skip those cables he could

954
00:42:01,350 --> 00:41:58,660
have found him but he didn't say that

955
00:42:03,240 --> 00:42:01,360
ahead of time so and he came just kind

956
00:42:06,540 --> 00:42:03,250
of turned around and left and was in big

957
00:42:08,490 --> 00:42:06,550
deal but the second guy because he wrote

958
00:42:10,970 --> 00:42:08,500
already two books about his method and

959
00:42:17,120 --> 00:42:10,980
he was really much invested into it he

960
00:42:20,280 --> 00:42:17,130
didn't believe that he could be wrong

961
00:42:26,190 --> 00:42:20,290
and his son was our son-in-law was there

962
00:42:28,530 --> 00:42:26,200
with him as well and both of them said

963
00:42:31,860 --> 00:42:28,540

that if they would have done it at home

964

00:42:33,240 --> 00:42:31,870

in the forest where they lived it would

965

00:42:36,900 --> 00:42:33,250

have worked out but because of the

966

00:42:38,910 --> 00:42:36,910

strange conditions that were there they

967

00:42:40,710 --> 00:42:38,920

couldn't even though that they came in

968

00:42:42,270 --> 00:42:40,720

there a day earlier to set everything up

969

00:42:43,500 --> 00:42:42,280

and measure everything before the

970

00:42:45,570 --> 00:42:43,510

experiments the next day and they had

971

00:42:47,760 --> 00:42:45,580

chance to redo everything according to

972

00:42:50,250 --> 00:42:47,770

their wishes so but it's always like

973

00:42:52,030 --> 00:42:50,260

that well you're absolutely right and

974

00:42:54,580 --> 00:42:52,040

watching it I was

975

00:42:57,310 --> 00:42:54,590

almost anticipating waiting for the

976
00:42:59,110 --> 00:42:57,320
excuses or the ration rationale to come

977
00:43:02,770 --> 00:42:59,120
through and this is always the case I

978
00:43:04,480 --> 00:43:02,780
mean I've done various tests of water

979
00:43:05,470 --> 00:43:04,490
the miners over the years and we wait

980
00:43:07,810 --> 00:43:05,480
for this to happen

981
00:43:11,020 --> 00:43:07,820
I think the famous one is James Randi

982
00:43:13,390 --> 00:43:11,030
where he did the test in Australia and

983
00:43:15,460 --> 00:43:13,400
out came all the excuses but it's it's

984
00:43:18,160 --> 00:43:15,470
it's a part of psychology we we know

985
00:43:20,650 --> 00:43:18,170
about when people fail at something may

986
00:43:24,700 --> 00:43:20,660
they know they can do then they look for

987
00:43:26,140 --> 00:43:24,710
a reason as to why they failed you can

988
00:43:28,210 --> 00:43:26,150

see it on the video but what was

989

00:43:30,510 --> 00:43:28,220

interesting moment when the results were

990

00:43:34,510 --> 00:43:30,520

being revealed with the second gentleman

991

00:43:39,490 --> 00:43:34,520

so they always did the test in sets of

992

00:43:40,900 --> 00:43:39,500

tens so we doctor mph who was the head

993

00:43:43,840 --> 00:43:40,910

of an experiment he was revealing the

994

00:43:45,910 --> 00:43:43,850

first and second ten results and they

995

00:43:47,770 --> 00:43:45,920

were like eighty percent seventy percent

996

00:43:49,960 --> 00:43:47,780

successful as it was interesting for us

997

00:43:52,090 --> 00:43:49,970

to see like oh my god this actually

998

00:43:53,830 --> 00:43:52,100

could you know work out and but the

999

00:43:56,710 --> 00:43:53,840

gentleman said oh you know this is this

1000

00:43:59,410 --> 00:43:56,720

is kind of this result is bad because I

1001
00:44:00,910 --> 00:43:59,420
didn't you know feel it that way or

1002
00:44:03,460 --> 00:44:00,920
something like that and then we got to

1003
00:44:05,110 --> 00:44:03,470
do other results and then the real magic

1004
00:44:08,800 --> 00:44:05,120
came into play which is for me

1005
00:44:12,730 --> 00:44:08,810
statistics and it all evened itself out

1006
00:44:14,680 --> 00:44:12,740
and it was 5050 in the end yeah yeah

1007
00:44:17,530 --> 00:44:14,690
well again folks our link to this video

1008
00:44:19,810 --> 00:44:17,540
in the show notes and I urge you to

1009
00:44:21,910 --> 00:44:19,820
watch it even though it's in German it

1010
00:44:23,470 --> 00:44:21,920
doesn't matter you'll see the scientific

1011
00:44:25,300 --> 00:44:23,480
process in action you'll see the

1012
00:44:30,970 --> 00:44:25,310
randomization and you'll see clear

1013
00:44:32,650 --> 00:44:30,980

Klingenberg on German TV yes what fun

1014

00:44:34,120 --> 00:44:32,660

well congratulations Claire I'm so

1015

00:44:37,930 --> 00:44:34,130

pleased that you were able to take part

1016

00:44:40,000 --> 00:44:37,940

in that I know for any skeptic it's

1017

00:44:42,160 --> 00:44:40,010

always an interesting and deeply

1018

00:44:46,420 --> 00:44:42,170

fascinating thing to do to take part in

1019

00:44:49,630 --> 00:44:46,430

a test of paranormal power exactly and

1020

00:44:51,520 --> 00:44:49,640

now into the Czech Republic we are

1021

00:44:56,020 --> 00:44:51,530

currently going through the process of

1022

00:44:58,300 --> 00:44:56,030

finally getting the bunker so for our

1023

00:45:01,150 --> 00:44:58,310

testing we went to visit it and it looks

1024

00:45:03,550 --> 00:45:01,160

really really cool and it has a lot of

1025

00:45:04,359 --> 00:45:03,560

room for testing and we hope to test

1026

00:45:06,339 --> 00:45:04,369

people on our own

1027

00:45:08,680 --> 00:45:06,349

Republic but from other countries as

1028

00:45:12,009 --> 00:45:08,690

well so give us a shout out if he want

1029

00:45:14,529 --> 00:45:12,019

to use our bunker and if you ever need

1030

00:45:19,859 --> 00:45:14,539

an international consultant who's who's

1031

00:45:21,549 --> 00:45:19,869

done a few tests just let me know that's

1032

00:45:23,349 --> 00:45:21,559

just wonderful

1033

00:45:25,029 --> 00:45:23,359

we'll play a Klingon burg once again

1034

00:45:26,319 --> 00:45:25,039

from the Czech Republic thank you very

1035

00:45:48,249 --> 00:45:26,329

much for that update

1036

00:45:49,900 --> 00:45:48,259

all right hi I get a I'm gonna cow and I

1037

00:45:52,809 --> 00:45:49,910

wanted to be speaking at skeptic on

1038

00:45:54,009 --> 00:45:52,819

Australia 2018 and first were the

1039

00:45:56,589 --> 00:45:54,019

hippies right when they said that

1040

00:45:58,539 --> 00:45:56,599

reality is only for people who can't

1041

00:46:00,279 --> 00:45:58,549

handle drugs well we're going to explore

1042

00:46:02,470 --> 00:46:00,289

that so what is the real color of the

1043

00:46:05,829 --> 00:46:02,480

universe do people use only 10% of their

1044

00:46:09,309 --> 00:46:05,839

brain do the seven deadly sins actually

1045

00:46:12,249 --> 00:46:09,319

still exist do diet drinks get you drunk

1046

00:46:14,769 --> 00:46:12,259

er how can you tell quickly if a list of

1047

00:46:17,920 --> 00:46:14,779

numbers is faked and are we living in

1048

00:46:20,079 --> 00:46:17,930

the best or the worst of times and what

1049

00:46:23,229 --> 00:46:20,089

generates more power on a weight per

1050

00:46:25,960 --> 00:46:23,239

weight and volume 4 volume basis the Sun

1051
00:46:29,100 --> 00:46:25,970
or your compost pile and worst of all

1052
00:46:31,000 --> 00:46:29,110
I'll tell you the real truth about set

1053
00:46:33,640 --> 00:46:31,010
[Music]

1054
00:46:36,970 --> 00:46:33,650
meet dr. Karl cruelly skiing at

1055
00:46:39,970 --> 00:46:36,980
skeptical 2018 the Australian skeptics

1056
00:46:42,760 --> 00:46:39,980
National Convention October the 13th and

1057
00:46:45,490 --> 00:46:42,770
14th at the Concours Chatswood tickets

1058
00:47:06,250 --> 00:46:45,500
available at Convention not skeptics

1059
00:47:08,650 --> 00:47:06,260
dot-com got a you on Saturday the 8th of

1060
00:47:10,960 --> 00:47:08,660
September a small but happy band of

1061
00:47:14,260 --> 00:47:10,970
Australian skeptics headed for the town

1062
00:47:17,410 --> 00:47:14,270
whole blood donation center interested

1063
00:47:20,370 --> 00:47:17,420

in doing our bit for the general health

1064

00:47:23,620 --> 00:47:20,380

of the community on hand was Maynard

1065

00:47:25,480 --> 00:47:23,630

look as Adam West once said to Burt Ward

1066

00:47:27,970 --> 00:47:25,490

in that great Batman movie cabaret

1067

00:47:30,070 --> 00:47:27,980

cabaret a life is a cabaret old chum and

1068

00:47:31,450 --> 00:47:30,080

indeed Sydney is not really a place you

1069

00:47:33,040 --> 00:47:31,460

should get up at 4 12 o'clock on a

1070

00:47:34,480 --> 00:47:33,050

Saturday morning really over a hell of a

1071

00:47:36,099 --> 00:47:34,490

day there's no people running around

1072

00:47:37,780 --> 00:47:36,109

with their children taken to support but

1073

00:47:38,830 --> 00:47:37,790

here's some people doing a community

1074

00:47:40,150 --> 00:47:38,840

minded thing that's actually going to

1075

00:47:42,010 --> 00:47:40,160

help people instead of whinging about

1076
00:47:44,590 --> 00:47:42,020
like I am on a Saturday morning we've

1077
00:47:46,510 --> 00:47:44,600
got the sceptics here in the foyer of

1078
00:47:48,160 --> 00:47:46,520
the blood bank about to give some blood

1079
00:47:49,930 --> 00:47:48,170
we've got the usual people but I ran how

1080
00:47:51,840 --> 00:47:49,940
are you I'm very good thank you

1081
00:47:55,690 --> 00:47:51,850
have another blood give a hello hi

1082
00:47:58,359 --> 00:47:55,700
Richard I'm halfway through filling out

1083
00:48:00,550 --> 00:47:58,369
page 6 and volume 3 of the questionnaire

1084
00:48:01,840 --> 00:48:00,560
I know I know you well I'm not quite

1085
00:48:03,730 --> 00:48:01,850
sure you've done three of those things

1086
00:48:05,260 --> 00:48:03,740
but anyway overdue Alethea to have you

1087
00:48:07,330 --> 00:48:05,270
filled out the form you had to fill out

1088
00:48:11,200 --> 00:48:07,340

I'm not eligible to donate blood in

1089

00:48:13,060 --> 00:48:11,210

Australia um why was that well you said

1090

00:48:16,330 --> 00:48:13,070

you said the wrong thing to mr. Dutton

1091

00:48:17,800 --> 00:48:16,340

I'm classified as a Mad Cow really

1092

00:48:18,880 --> 00:48:17,810

because you are you you've you've

1093

00:48:19,940 --> 00:48:18,890

been in a place where there could be

1094

00:48:22,430 --> 00:48:19,950

prions or something

1095

00:48:24,410 --> 00:48:22,440

[Music]

1096

00:48:26,300 --> 00:48:24,420

people who've lived in the UK during a

1097

00:48:29,140 --> 00:48:26,310

certain period of time are not permitted

1098

00:48:31,940 --> 00:48:29,150

to donate in Australia really yeah

1099

00:48:33,380 --> 00:48:31,950

disease yes I know

1100

00:48:35,210 --> 00:48:33,390

and they don't and they can't test fit

1101
00:48:36,410 --> 00:48:35,220
is that the problem or they won't test

1102
00:48:40,430 --> 00:48:36,420
for it but either way I'm also

1103
00:48:43,670 --> 00:48:40,440
underweight for the there's two reasons

1104
00:48:44,809 --> 00:48:43,680
you can't do it my mind my reasons just

1105
00:48:46,130 --> 00:48:44,819
crap because I'm really scared and don't

1106
00:48:48,200 --> 00:48:46,140
like needles and stuff in that and I was

1107
00:48:50,390 --> 00:48:48,210
just yeah I can't even look behind me

1108
00:48:52,609 --> 00:48:50,400
that's just a foyer you're here to

1109
00:48:56,930 --> 00:48:52,619
report for the sceptic zone and I baked

1110
00:49:00,140 --> 00:48:56,940
cookies for our generous donors did you

1111
00:49:02,569 --> 00:49:00,150
make parmesan stables and spiced ginger

1112
00:49:04,099 --> 00:49:02,579
cookies what's that seemed to be going

1113
00:49:05,089 --> 00:49:04,109

pretty well there and now you're gonna

1114

00:49:07,579 --> 00:49:05,099

the questionnaire but should anything

1115

00:49:09,380 --> 00:49:07,589

that might make you eligible I hope not

1116

00:49:10,940 --> 00:49:09,390

I I'm going through everything it's

1117

00:49:13,790 --> 00:49:10,950

asking you where I've been what I've

1118

00:49:15,770 --> 00:49:13,800

been eating blah blah blah I heard you

1119

00:49:17,740 --> 00:49:15,780

been eating what I can tell that five

1120

00:49:20,720 --> 00:49:17,750

being mixed from Aldi yeah that's right

1121

00:49:22,130 --> 00:49:20,730

it says here to make sure I've been

1122

00:49:23,720 --> 00:49:22,140

drinking lots order which I have been

1123

00:49:25,329 --> 00:49:23,730

all morning I'm glad they've got

1124

00:49:28,130 --> 00:49:25,339

bathrooms here I can tell you that much

1125

00:49:30,260 --> 00:49:28,140

and are there many people around you

1126

00:49:31,730 --> 00:49:30,270

this morning I'm having someone look

1127

00:49:33,710 --> 00:49:31,740

towards where the blood will be taken

1128

00:49:35,089 --> 00:49:33,720

even roughly but we haven't well there's

1129

00:49:36,170 --> 00:49:35,099

some people downstairs we can see I

1130

00:49:37,880 --> 00:49:36,180

don't know if there's no that's a food

1131

00:49:39,470 --> 00:49:37,890

court no I got that wrong no there are

1132

00:49:41,599 --> 00:49:39,480

too many people here but we're here only

1133

00:49:43,579 --> 00:49:41,609

well I said what Disick is up to our via

1134

00:49:45,740 --> 00:49:43,589

Jessica I believe you're gonna be giving

1135

00:49:47,450 --> 00:49:45,750

some blood here this morning how you

1136

00:49:49,700 --> 00:49:47,460

going with the rather extensive

1137

00:49:51,680 --> 00:49:49,710

questionnaire oh it's extremely

1138

00:49:53,210 --> 00:49:51,690

extensive an example of one of these

1139

00:49:56,319 --> 00:49:53,220

strange questions that people might not

1140

00:49:58,430 --> 00:49:56,329

expect would be on their anything odd

1141

00:50:00,380 --> 00:49:58,440

what's interesting what they're looking

1142

00:50:01,760 --> 00:50:00,390

for so they're asking you if you've had

1143

00:50:04,460 --> 00:50:01,770

in the toy in the last 12 months an

1144

00:50:06,470 --> 00:50:04,470

illness with both a rash and swollen

1145

00:50:08,809 --> 00:50:06,480

glands with or without a fever so

1146

00:50:10,460 --> 00:50:08,819

obviously they're trying to pin down

1147

00:50:12,170 --> 00:50:10,470

whether you might have had some sort of

1148

00:50:14,080 --> 00:50:12,180

illness that they might be concerned

1149

00:50:16,180 --> 00:50:14,090

about yeah okay

1150

00:50:17,710 --> 00:50:16,190

all sorts of questions they like and

1151

00:50:20,050 --> 00:50:17,720

that the concerned about mad cow disease

1152

00:50:21,520 --> 00:50:20,060

oh yes I want to know if you've been to

1153

00:50:22,780 --> 00:50:21,530

a dentist in the last week because we

1154

00:50:24,130 --> 00:50:22,790

all know hanging around with dentists is

1155

00:50:27,250 --> 00:50:24,140

not a good idea the best of times

1156

00:50:28,840 --> 00:50:27,260

Oh - right I just I stay away as much as

1157

00:50:29,920 --> 00:50:28,850

often as often as possible

1158

00:50:31,270 --> 00:50:29,930

good luck that they think you're gonna

1159

00:50:32,530 --> 00:50:31,280

pass because they look good often

1160

00:50:34,120 --> 00:50:32,540

there's a simple test and you hadn't

1161

00:50:35,320 --> 00:50:34,130

thought about and they go on your answer

1162

00:50:37,480 --> 00:50:35,330

yes or no and then that's it

1163

00:50:39,400 --> 00:50:37,490

yeah well this stuff here I've never

1164

00:50:42,100 --> 00:50:39,410

even heard of I mean what's shaggers

1165

00:50:43,420 --> 00:50:42,110

disease that's something that's under

1166

00:50:46,420 --> 00:50:43,430

the question have you ever had malaria

1167

00:50:48,610 --> 00:50:46,430

Ross River fever Q fever lip toe

1168

00:50:50,740 --> 00:50:48,620

cirrhosis or shaggers disease now

1169

00:50:52,900 --> 00:50:50,750

imagine it's related to that but well

1170

00:50:57,340 --> 00:50:52,910

good luck with that I hope you've got

1171

00:50:58,300 --> 00:50:57,350

your GP on a speed dial speed and how do

1172

00:51:07,960 --> 00:50:58,310

you go around with any of the questions

1173

00:51:09,910 --> 00:51:07,970

tough for you yes the one about sex well

1174

00:51:12,340 --> 00:51:09,920

it is fairly um yeah it's like oh let me

1175

00:51:14,770 --> 00:51:12,350

think yeah well you know because it goes

1176

00:51:17,230 --> 00:51:14,780

back to ages you'd be basically it's

1177

00:51:19,390 --> 00:51:17,240

it's pretty much ever yeah have you ever

1178

00:51:21,310 --> 00:51:19,400

had what some of the questions I must

1179

00:51:24,370 --> 00:51:21,320

admit I find I am a regular blot or know

1180

00:51:28,210 --> 00:51:24,380

this I didn't donate today I donated a

1181

00:51:30,670 --> 00:51:28,220

couple of days ago and he was my 38th

1182

00:51:32,350 --> 00:51:30,680

donation in Australia yeah

1183

00:51:36,310 --> 00:51:32,360

I still find the ones that ask about

1184

00:51:38,470 --> 00:51:36,320

male to male sex offensive I find that

1185

00:51:41,440 --> 00:51:38,480

the discrimination against gay came in

1186

00:51:44,050 --> 00:51:41,450

in blood donation is unwarranted the

1187

00:51:45,670 --> 00:51:44,060

evidence is very much against it so

1188

00:51:46,990 --> 00:51:45,680

maybe that's a campaign that we should

1189

00:51:48,760 --> 00:51:47,000

engage in one day and that was a

1190

00:51:50,140 --> 00:51:48,770

hangover from the 90s when I first

1191

00:51:51,820 --> 00:51:50,150

introduced that question that just kind

1192

00:51:54,430 --> 00:51:51,830

of lifted in well they're trying to

1193

00:51:55,690 --> 00:51:54,440

reduce the potential risk to blood

1194

00:51:57,760 --> 00:51:55,700

recipients which is completely

1195

00:52:00,810 --> 00:51:57,770

understandable except that the risk to

1196

00:52:04,080 --> 00:52:00,820

blood recipients today from gay men is

1197

00:52:10,290 --> 00:52:08,460

the increased risk is is tiny and blood

1198

00:52:11,670 --> 00:52:10,300

is tested anyway so it's unwarranted

1199

00:52:13,980 --> 00:52:11,680

it's just discrimination yeah so I do

1200

00:52:18,200 --> 00:52:13,990

find that difficult not for myself to

1201
00:52:21,030 --> 00:52:18,210
answer but from an emotional and logical

1202
00:52:22,800 --> 00:52:21,040
perspective and how do you prepare

1203
00:52:24,060 --> 00:52:22,810
yourself for your blood donation since

1204
00:52:25,530 --> 00:52:24,070
you give it so regulate how do you

1205
00:52:27,260 --> 00:52:25,540
prepare you drink lots of water or the

1206
00:52:30,930 --> 00:52:27,270
day before do you ate a special way I

1207
00:52:32,850 --> 00:52:30,940
just just normal I make sure usually I

1208
00:52:35,070 --> 00:52:32,860
just eat something to you I usually

1209
00:52:36,540 --> 00:52:35,080
don't eat in the morning so but on if I

1210
00:52:39,510 --> 00:52:36,550
give blood then I do eat in the morning

1211
00:52:41,820 --> 00:52:39,520
I drink a little bit it's I don't have

1212
00:52:45,150 --> 00:52:41,830
any effect from blood donation so for me

1213
00:52:47,280 --> 00:52:45,160

it's quite easy yeah but it's look it's

1214

00:52:48,810 --> 00:52:47,290

a great thing to do in the blood the Red

1215

00:52:50,220 --> 00:52:48,820

Cross blood bank started doing this

1216

00:52:52,560 --> 00:52:50,230

thing in the last few years where they

1217

00:52:55,110 --> 00:52:52,570

they let you know what's been done with

1218

00:52:57,260 --> 00:52:55,120

your blood in January general terms so

1219

00:53:00,570 --> 00:52:57,270

you get a text message a few days later

1220

00:53:04,080 --> 00:53:00,580

saying something like your blood is just

1221

00:53:06,150 --> 00:53:04,090

saved a savior life at John Hunter

1222

00:53:08,400 --> 00:53:06,160

Hospital and Newcastle or something like

1223

00:53:10,020 --> 00:53:08,410

that it's it's you know it's great it's

1224

00:53:14,760 --> 00:53:10,030

it gives you a great feeling that you're

1225

00:53:17,310 --> 00:53:14,770

doing the right thing it's about an hour

1226
00:53:20,460 --> 00:53:17,320
later cub reporter Richard Saunders here

1227
00:53:23,040 --> 00:53:20,470
filling in for main art we've repaired

1228
00:53:24,330 --> 00:53:23,050
to a local hotel to have a glass of

1229
00:53:33,540 --> 00:53:24,340
water because we're not allowed to drink

1230
00:53:36,330 --> 00:53:33,550
alcohol or so they tell us and we we did

1231
00:53:38,370 --> 00:53:36,340
the routine we had our interviews lots

1232
00:53:40,170 --> 00:53:38,380
of paperwork and then we went through

1233
00:53:41,910 --> 00:53:40,180
Jessica and you and I was sort of

1234
00:53:44,280 --> 00:53:41,920
opposite each other making faces while

1235
00:53:47,490 --> 00:53:44,290
heavy had blood drawn will I've broke my

1236
00:53:48,900 --> 00:53:47,500
arm bandaged up so of you while wearing

1237
00:53:51,690 --> 00:53:48,910
little stickers I'll take my enough it

1238
00:53:53,100 --> 00:53:51,700

says and then big sticker it says my

1239

00:53:55,050 --> 00:53:53,110

first blood donation which isn't

1240

00:53:57,180 --> 00:53:55,060

strictly true because I used to give but

1241

00:54:00,150 --> 00:53:57,190

many many years ago right but there was

1242

00:54:02,760 --> 00:54:00,160

a good day and a good example I think

1243

00:54:04,560 --> 00:54:02,770

Alethea yeah it definitely encouraged

1244

00:54:06,510 --> 00:54:04,570

the rest of the skeptical community to

1245

00:54:08,010 --> 00:54:06,520

get out there when they have time make

1246

00:54:10,860 --> 00:54:08,020

an appointment at their local

1247

00:54:13,080 --> 00:54:10,870

and donate under the Australian skeptics

1248

00:54:15,270 --> 00:54:13,090

group but you should tell the listeners

1249

00:54:18,750 --> 00:54:15,280

about how it felt to go through the

1250

00:54:20,460 --> 00:54:18,760

whole process Richard did I hurt oh I

1251
00:54:24,180 --> 00:54:20,470
sent you a message about that didn't I

1252
00:54:27,150 --> 00:54:24,190
from the chair well they they give you a

1253
00:54:31,250 --> 00:54:27,160
little finger prick in the interview the

1254
00:54:34,920 --> 00:54:31,260
test to test the hemoglobin yeah and

1255
00:54:38,010 --> 00:54:34,930
your hemoglobin has to be over 120

1256
00:54:39,540 --> 00:54:38,020
if it's under 115 it's too low you don't

1257
00:54:43,650 --> 00:54:39,550
have enough red blood cells to donate so

1258
00:54:46,110 --> 00:54:43,660
it has to be 120 mine was really good so

1259
00:54:47,850 --> 00:54:46,120
was mine I'll have you know and that was

1260
00:54:48,480 --> 00:54:47,860
fine and they take that and they take

1261
00:54:50,070 --> 00:54:48,490
your blood pressure

1262
00:54:52,830 --> 00:54:50,080
they take yeah and mine was a little

1263
00:54:55,170 --> 00:54:52,840

high I don't know why but there you go

1264

00:54:58,440 --> 00:54:55,180

I mean you had a migraine last night so

1265

00:55:00,450 --> 00:54:58,450

that might could account for it and then

1266

00:55:02,340 --> 00:55:00,460

you walk through to a very comfortable

1267

00:55:05,910 --> 00:55:02,350

chair one you could easily fall asleep

1268

00:55:08,640 --> 00:55:05,920

on the reclining chair padded and then

1269

00:55:10,950 --> 00:55:08,650

yeah the needle going in hurts a tiny

1270

00:55:15,090 --> 00:55:10,960

little bit for about two seconds and

1271

00:55:16,830 --> 00:55:15,100

Jessica didn't hurt for you not all

1272

00:55:19,440 --> 00:55:16,840

right maybe I'm different high pain

1273

00:55:21,720 --> 00:55:19,450

threshold I don't know well I mean it's

1274

00:55:23,310 --> 00:55:21,730

not as as if it's a pain I'd run away

1275

00:55:23,930 --> 00:55:23,320

from it it's just like out and then it

1276

00:55:29,310 --> 00:55:23,940

was over

1277

00:55:32,010 --> 00:55:29,320

okay I felt it I wouldn't say it was

1278

00:55:34,260 --> 00:55:32,020

pain yeah okay but when I get my

1279

00:55:36,300 --> 00:55:34,270

vaccinations that's that's completely

1280

00:55:38,640 --> 00:55:36,310

painless that's just like I think that

1281

00:55:42,480 --> 00:55:38,650

depends on the skill of the person

1282

00:55:43,290 --> 00:55:42,490

administering the injection nurses tend

1283

00:55:46,500 --> 00:55:43,300

to be really good because they have

1284

00:55:48,630 --> 00:55:46,510

heaps of practice doctors maybe not so

1285

00:55:51,000 --> 00:55:48,640

good I don't know maybe I'm slandering

1286

00:55:53,370 --> 00:55:51,010

them I don't know I don't know I just

1287

00:55:54,960 --> 00:55:53,380

say I mean knows it wasn't bad at all

1288

00:55:57,630 --> 00:55:54,970

and then you sit there for about 10

1289

00:55:59,640 --> 00:55:57,640

minutes and the blood drains out of your

1290

00:56:01,830 --> 00:55:59,650

body you turn white and you know and in

1291

00:56:02,670 --> 00:56:01,840

here and then when it's all over they

1292

00:56:04,590 --> 00:56:02,680

bandage you up

1293

00:56:06,860 --> 00:56:04,600

you rest for a minute or two and out to

1294

00:56:09,980 --> 00:56:06,870

the kitchen to the cafeteria where you

1295

00:56:11,930 --> 00:56:09,990

dive in stuff your face yeah

1296

00:56:13,880 --> 00:56:11,940

but we had milkshakes chocolates cookies

1297

00:56:15,500 --> 00:56:13,890

you brought some cookies Alethea I had

1298

00:56:17,270 --> 00:56:15,510

some peanut butter toast so I did really

1299

00:56:19,400 --> 00:56:17,280

well oh I can really recommend little

1300

00:56:21,980 --> 00:56:19,410

atheist cookies and herb farmers and

1301
00:56:24,470 --> 00:56:21,990
biscuits they're just awesome and the

1302
00:56:27,020 --> 00:56:24,480
other thing is they recommend that some

1303
00:56:29,420 --> 00:56:27,030
before you donate you have savory food

1304
00:56:33,470 --> 00:56:29,430
and the reason for this is they want you

1305
00:56:35,720 --> 00:56:33,480
to eat a reasonable amount of salt

1306
00:56:37,550 --> 00:56:35,730
because that makes you thirsty so

1307
00:56:40,370 --> 00:56:37,560
therefore you drink water and therefore

1308
00:56:41,840 --> 00:56:40,380
you rehydrate yeah that makes sense I

1309
00:56:43,040 --> 00:56:41,850
was drinking all morning I was glad

1310
00:56:45,770 --> 00:56:43,050
there was a bathroom that I think I said

1311
00:56:47,570 --> 00:56:45,780
that before anyway a good a good lesson

1312
00:56:49,850 --> 00:56:47,580
I think for skeptics every early yeah

1313
00:56:51,470 --> 00:56:49,860

and thank you for helping put it putting

1314

00:56:54,770 --> 00:56:51,480

that together well thank you for

1315

00:56:57,290 --> 00:56:54,780

donating Richard and Jessica yeah and

1316

00:56:59,600 --> 00:56:57,300

thanks to ilithyia for the idea it was

1317

00:57:04,550 --> 00:56:59,610

Olivia's inspiration and she organized

1318

00:57:06,800 --> 00:57:04,560

it if you're interested in donating some

1319

00:57:09,920 --> 00:57:06,810

blood in Australia visit donate blood

1320

00:57:13,220 --> 00:57:09,930

comm today you and fill out the forms

1321

00:57:16,040 --> 00:57:13,230

make an appointment and you can donate

1322

00:57:16,700 --> 00:57:16,050

under the name of Australian skeptics if

1323

00:57:30,430 --> 00:57:16,710

you want

1324

00:57:34,400 --> 00:57:32,690

thank you for listening to the skeptic

1325

00:57:36,799 --> 00:57:34,410

zone now if you're in Australia well

1326
00:57:39,589 --> 00:57:36,809
around the world really and you want to

1327
00:57:41,599 --> 00:57:39,599
keep up with information news and events

1328
00:57:44,480 --> 00:57:41,609
with Australian skeptics head to

1329
00:57:46,910 --> 00:57:44,490
skeptics calm day you and sign up for

1330
00:57:49,579 --> 00:57:46,920
our free newsletter it's sort of the

1331
00:57:51,280 --> 00:57:49,589
bite-sized bits of sceptical information

1332
00:57:53,839 --> 00:57:51,290
you can have between

1333
00:57:55,609 --> 00:57:53,849
issues of the skeptic of the skeptic

1334
00:57:58,280 --> 00:57:55,619
magazine from Australian skeptics which

1335
00:58:00,980 --> 00:57:58,290
comes out four times a year you can get

1336
00:58:05,240 --> 00:58:00,990
the physical copy read it on the train

1337
00:58:07,760 --> 00:58:05,250
or anywhere or you can sign up and get

1338
00:58:09,910 --> 00:58:07,770

the electronic copy which is the PDF is

1339

00:58:12,950 --> 00:58:09,920

the same thing or both if you want

1340

00:58:14,420 --> 00:58:12,960

skeptics calm today you thank you to

1341

00:58:18,829 --> 00:58:14,430

those people who support the skeptic

1342

00:58:23,030 --> 00:58:18,839

zone financially with paypal of patreon

1343

00:58:25,520 --> 00:58:23,040

and as I said last week oh and I got

1344

00:58:29,569 --> 00:58:25,530

into some trouble because last week I

1345

00:58:32,809 --> 00:58:29,579

said the words hey do to do to do Siri

1346

00:58:37,220 --> 00:58:32,819

and people were saying that their Siri

1347

00:58:38,930 --> 00:58:37,230

devices were activated but I asked Siri

1348

00:58:42,289 --> 00:58:38,940

last week what the Australian dollar was

1349

00:58:44,000 --> 00:58:42,299

worth and let me ask I'll just ask Siri

1350

00:58:48,339 --> 00:58:44,010

again but I'll just edit out the bit of

1351

00:58:51,230 --> 00:58:48,349

me asking Siri so you'll understand

1352

00:58:58,339 --> 00:58:51,240

what's 10 u.s. dollars in Australian

1353

00:59:00,020 --> 00:58:58,349

dollars 10 u.s. dollars is \$13.98 okay a

1354

00:59:03,109 --> 00:59:00,030

slight variation there from last week

1355

00:59:05,000 --> 00:59:03,119

but still your American dollar goes

1356

00:59:07,490 --> 00:59:05,010

further here in Australia with the

1357

00:59:09,650 --> 00:59:07,500

exchange rate so if you've ever

1358

00:59:10,940 --> 00:59:09,660

considered contributing or donating to

1359

00:59:14,660 --> 00:59:10,950

the skeptic zone or signing on to

1360

00:59:16,309 --> 00:59:14,670

patreon your dollar goes further and if

1361

00:59:18,829 --> 00:59:16,319

I only had a small percentage of

1362

00:59:22,130 --> 00:59:18,839

listeners only chip-in say five dollars

1363

00:59:24,170 --> 00:59:22,140

a month with patreon it would certainly

1364

00:59:28,940 --> 00:59:24,180

go a long way in helping me keep the

1365

00:59:29,839 --> 00:59:28,950

skeptic zone going in your ears that's

1366

00:59:32,710 --> 00:59:29,849

not an insult

1367

00:59:35,870 --> 00:59:32,720

in your ears you know what I mean for

1368

00:59:39,170 --> 00:59:35,880

Sydney listeners links in the show notes

1369

00:59:41,810 --> 00:59:39,180

for you to RSVP for the free trivia

1370

00:59:43,400 --> 00:59:41,820

night coming up on the 12th of

1371

00:59:45,650 --> 00:59:43,410

here in Sydney just before the

1372

00:59:48,140 --> 00:59:45,660

convention and you can meet people like

1373

00:59:51,829 --> 00:59:48,150

dr. Alice haloth where we interviewed on

1374

00:59:54,349 --> 00:59:51,839

this episode but for this week this is

1375

01:00:00,740 --> 00:59:54,359

Richard Saunders signing off from Sydney

1376

01:00:03,440 --> 01:00:00,750

Australia you've been listening to the

1377

01:00:10,130 --> 01:00:03,450

skeptic zone podcast please visit our

1378

01:00:12,920 --> 01:00:10,140

website at wwlp.com tax and to access

1379

01:00:16,550 --> 01:00:12,930

the bat catalog of episodes going back

1380

01:00:20,180 --> 01:00:16,560

to 2008 you can follow the skeptic zone

1381

01:00:22,579 --> 01:00:20,190

podcast on twitter at skeptic zone visit

1382

01:00:23,470 --> 01:00:22,589

our facebook page or leave a review on

1383

01:00:26,570 --> 01:00:23,480

itunes

1384

01:00:29,540 --> 01:00:26,580

you can also support the skeptic zone by

1385

01:00:32,260 --> 01:00:29,550

a patreon or PayPal the skeptic zone

1386

01:00:34,640 --> 01:00:32,270

podcast is an independent production

1387

01:00:36,770 --> 01:00:34,650

reviews and opinions expressed on the

1388

01:00:39,109 --> 01:00:36,780

skeptic zone are not necessarily those

1389

01:00:40,940 --> 01:00:39,119

of Australian skeptics or any other

1390

01:00:55,990 --> 01:00:40,950

skeptical organization

1391

01:00:56,000 --> 01:01:00,220

[Music]

1392

01:01:05,690 --> 01:01:02,630

hello again to all the people who listen

1393

01:01:08,210 --> 01:01:05,700

to the show after the music I know what

1394

01:01:12,370 --> 01:01:08,220

you want yes you're waiting to play the

1395

01:01:13,940 --> 01:01:12,380

dice game the test your psychic powers

1396

01:01:17,150 --> 01:01:13,950

yeah okay

1397

01:01:18,320 --> 01:01:17,160

I've got this week a three sided die and

1398

01:01:20,600 --> 01:01:18,330

a ten sided die

1399

01:01:23,300 --> 01:01:20,610

um well three sided I'll roll it three

1400

01:01:27,320 --> 01:01:23,310

times let's see here we go

1401
01:01:32,410 --> 01:01:27,330
so use your psychic powers predict it's

1402
01:01:35,870 --> 01:01:32,420
gonna be one two or three one

1403
01:01:43,370 --> 01:01:35,880
how'd you go let's do it again - good

1404
01:01:44,720 --> 01:01:43,380
shake and predict away and one close

1405
01:01:50,720 --> 01:01:44,730
it's a one in three chance isn't it

1406
01:01:52,370 --> 01:01:50,730
last one predict the future ah you're

1407
01:01:53,150 --> 01:01:52,380
not gonna believe this well it's two

1408
01:01:56,300 --> 01:01:53,160
this time

1409
01:01:58,490 --> 01:01:56,310
one one two now let's try it with the

1410
01:02:00,590 --> 01:01:58,500
ten sided die are you ready it's going

1411
01:02:04,660 --> 01:02:00,600
to be one two three four five six seven

1412
01:02:07,010 --> 01:02:04,670
eight nine or ten predict the future

1413
01:02:07,390 --> 01:02:07,020

fell off the table try again predict the

1414

01:02:12,440 --> 01:02:07,400

future

1415

01:02:15,260 --> 01:02:12,450

no went under the computer five five but

1416

01:02:25,930 --> 01:02:15,270

I'll do it three times here we go and