

Dr Simon Brice

**The Skeptic Zone
Show 120
4.Feb.2011**



1
00:00:19,070 --> 00:00:16,609
oh dear oh oh dear that theme I think it

2
00:00:21,410 --> 00:00:19,080
needs to go in for some rest and

3
00:00:24,259 --> 00:00:21,420
rehabilitation maybe a little bit of

4
00:00:25,880 --> 00:00:24,269
time off our dear what do we do in the

5
00:00:27,320 --> 00:00:25,890
meantime I know we've got the new theme

6
00:00:30,230 --> 00:00:27,330
and a lot of people do like the new

7
00:00:31,759 --> 00:00:30,240
theme maybe maybe you should compromise

8
00:00:34,190 --> 00:00:31,769
because people have been writing in

9
00:00:36,080 --> 00:00:34,200
saying please keep the old theme but I

10
00:00:39,920 --> 00:00:36,090
think I have come up with a compromise I

11
00:00:57,310 --> 00:00:39,930
really have and here is from now on the

12
00:01:14,880 --> 00:01:00,470
welcome to the skeptic zone the podcast

13
00:01:19,780 --> 00:01:17,740

hello and welcome to the skeptic zone

14

00:01:23,290 --> 00:01:19,790

Richard Saunders here from Sydney

15

00:01:26,680 --> 00:01:23,300

Australia it's episode number 124 the

16

00:01:28,840 --> 00:01:26,690

fourth of february 2011 on this week's

17

00:01:31,749 --> 00:01:28,850

show we're going to dive into the muddy

18

00:01:36,280 --> 00:01:31,759

waters once again that is power balance

19

00:01:39,070 --> 00:01:36,290

placebo bands he can stun however they

20

00:01:41,669 --> 00:01:39,080

pronounce it all these magical mystical

21

00:01:45,070 --> 00:01:41,679

bits of rub with Holograms stuck to them

22

00:01:47,260 --> 00:01:45,080

dr. Ricci in dr. Ricci reports segment

23

00:01:49,719 --> 00:01:47,270

is going to interview dr. Simon Bryce

24

00:01:53,260 --> 00:01:49,729

from the Royal Melbourne Institute of

25

00:01:55,810 --> 00:01:53,270

Technology about their tests into power

26
00:01:57,910 --> 00:01:55,820
balance and their conclusions I wonder

27
00:02:02,050 --> 00:01:57,920
what the conclusions were no surprises

28
00:02:04,840 --> 00:02:02,060
there following that we have Maynard

29
00:02:07,749 --> 00:02:04,850
spooky action at a distance Maynard's

30
00:02:09,669 --> 00:02:07,759
going to interview Ian Emslie who is an

31
00:02:13,750 --> 00:02:09,679
optometrist they're going to be

32
00:02:16,120 --> 00:02:13,760
discussing the bizarre trend of people

33
00:02:19,390 --> 00:02:16,130
trying to get drunk by putting vodka in

34
00:02:23,410 --> 00:02:19,400
their eyeballs I kid you not coming up

35
00:02:26,259 --> 00:02:23,420
and that audio is courtesy of the ABC

36
00:02:28,960 --> 00:02:26,269
here in Australia Thank You ABC very

37
00:02:31,569 --> 00:02:28,970
much and to wrap up the show we have an

38
00:02:33,729 --> 00:02:31,579

interview with half of Melbourne yes

39

00:02:35,710 --> 00:02:33,739

half of Melbourne jumped onto their

40

00:02:37,900 --> 00:02:35,720

computers skyped me and we're going to

41

00:02:41,470 --> 00:02:37,910

be talking about Melbourne skeptics and

42

00:02:43,870 --> 00:02:41,480

their skeptics in the pub I wish I could

43

00:02:47,039 --> 00:02:43,880

be there right now now I'd like to bring

44

00:02:50,530 --> 00:02:47,049

Sydney listeners attention to the Sydney

45

00:02:54,520 --> 00:02:50,540

1023 mass overdose on Sunday the sixth

46

00:02:56,979 --> 00:02:54,530

of februari 2011 that's only a couple of

47

00:02:58,720 --> 00:02:56,989

days from now we're going to be

48

00:03:00,420 --> 00:02:58,730

gathering at nine-thirty behind the

49

00:03:03,759 --> 00:03:00,430

opera house at the choo choo express

50

00:03:07,110 --> 00:03:03,769

that's with little um little our fun

51
00:03:10,420 --> 00:03:07,120
train sort of leaves from to guzzle down

52
00:03:14,699 --> 00:03:10,430
copious amounts of sugar pills otherwise

53
00:03:17,320 --> 00:03:14,709
known as the scam sham con and outright

54
00:03:19,930 --> 00:03:17,330
fakery and fraud

55
00:03:23,740 --> 00:03:19,940
product that is homeopathy which you can

56
00:03:25,390 --> 00:03:23,750
buy at about any pharmacy you like come

57
00:03:28,500 --> 00:03:25,400
and join us if you want to find out more

58
00:03:32,830 --> 00:03:28,510
head for meetup com and search for

59
00:03:35,100 --> 00:03:32,840
Sydney social skeptics and you can find

60
00:03:38,200 --> 00:03:35,110
out more about that see you there on

61
00:03:41,410 --> 00:03:38,210
Sunday morning well I'm going to run

62
00:03:44,020 --> 00:03:41,420
downstairs grab some ice yes that's my

63
00:03:46,630 --> 00:03:44,030

drink of choice this week is pure solid

64

00:04:06,449 --> 00:03:46,640

ice because of the heat wave in Sydney

65

00:04:15,309 --> 00:04:09,820

now it's time for dr. Rachel reports

66

00:04:17,140 --> 00:04:15,319

with dr. Rachel Dunlop okay and so we

67

00:04:18,789 --> 00:04:17,150

welcome now to the skeptic zone dr.

68

00:04:20,979 --> 00:04:18,799

Simon bryce from the Royal Melbourne

69

00:04:23,440 --> 00:04:20,989

Institute of Technology hi Simon welcome

70

00:04:25,780 --> 00:04:23,450

to the skeptic zone hi Rachel thanks

71

00:04:27,040 --> 00:04:25,790

very much for having us so Simon can you

72

00:04:30,969 --> 00:04:27,050

just tell me a little bit about your

73

00:04:32,650 --> 00:04:30,979

academic background well myself and the

74

00:04:34,930 --> 00:04:32,660

other cheek and chief investigator the

75

00:04:38,170 --> 00:04:34,940

project beretta raza both chiropractors

76
00:04:40,870 --> 00:04:38,180
by trade my previous experience was also

77
00:04:42,580 --> 00:04:40,880
in a degree in human biology where I was

78
00:04:44,219 --> 00:04:42,590
on my way to becoming a microvascular

79
00:04:47,620 --> 00:04:44,229
physiologist before getting into

80
00:04:50,620 --> 00:04:47,630
chiropractic as a clinical background I

81
00:04:52,090 --> 00:04:50,630
did some research to the University of

82
00:04:54,010 --> 00:04:52,100
Melbourne for a while as a what's called

83
00:04:56,680 --> 00:04:54,020
a pink red fellow a primary health care

84
00:04:59,190 --> 00:04:56,690
research evaluation and development so

85
00:05:02,650 --> 00:04:59,200
are there but it's a little bit of

86
00:05:04,060 --> 00:05:02,660
qualitative research and I think I'm

87
00:05:06,879 --> 00:05:04,070
still up mrs. if not a very fellow

88
00:05:09,250 --> 00:05:06,889

somewhere along the line there then took

89

00:05:11,230 --> 00:05:09,260

some time off from researching to do

90

00:05:13,650 --> 00:05:11,240

masters in neuroscience which I'm still

91

00:05:16,020 --> 00:05:13,660

just carding up with faces at the moment

92

00:05:19,540 --> 00:05:16,030

and also do some teaching as well that

93

00:05:22,000 --> 00:05:19,550

MIT and sessional things here and there

94

00:05:25,300 --> 00:05:22,010

are three we educate the final year

95

00:05:28,540 --> 00:05:25,310

chiropractic students and yes a couple

96

00:05:31,600 --> 00:05:28,550

of tea etc okay so so what was it that

97

00:05:32,860 --> 00:05:31,610

prompted you to duty study but and I as

98

00:05:34,960 --> 00:05:32,870

well as take you to get at the

99

00:05:38,230 --> 00:05:34,970

University we both practice together as

100

00:05:40,420 --> 00:05:38,240

well in private practice and my special

101
00:05:42,279 --> 00:05:40,430
area of interest is neurological

102
00:05:44,320 --> 00:05:42,289
conditions specifically balance and then

103
00:05:47,320 --> 00:05:44,330
vestibular rehabilitation therapies are

104
00:05:50,080 --> 00:05:47,330
balanced rehabilitation and Brett treats

105
00:05:52,180 --> 00:05:50,090
a lot of elite athletes sorely little

106
00:05:54,940 --> 00:05:52,190
basketballs runners you know a whole

107
00:05:57,100 --> 00:05:54,950
bunch of other different athletes and we

108
00:05:58,659 --> 00:05:57,110
were each getting our own sort of

109
00:06:01,960 --> 00:05:58,669
patient populations coming in asking

110
00:06:03,550 --> 00:06:01,970
about these bands repeatedly the

111
00:06:05,950 --> 00:06:03,560
athletes would come in and say i'm using

112
00:06:07,779 --> 00:06:05,960
this how does it work and the balance

113
00:06:11,170 --> 00:06:07,789

patients were come in and say should I

114

00:06:11,830 --> 00:06:11,180

get this and we'll work and it's just

115

00:06:13,150 --> 00:06:11,840

one of the phenomena

116

00:06:15,490 --> 00:06:13,160

sort of crept up on us and most of the

117

00:06:17,020 --> 00:06:15,500

time these things coming goal is as most

118

00:06:19,420 --> 00:06:17,030

people in clinical and academic field

119

00:06:20,860 --> 00:06:19,430

nor as you know me but are magnets and

120

00:06:24,100 --> 00:06:20,870

copper bracelets and all different types

121

00:06:25,659 --> 00:06:24,110

of other metals usually but this seemed

122

00:06:28,120 --> 00:06:25,669

just seemed to be really quite

123

00:06:31,030 --> 00:06:28,130

phenomenal in its in its uptake in the

124

00:06:34,060 --> 00:06:31,040

general population so we decided we had

125

00:06:35,260 --> 00:06:34,070

the equipment and we'd have a bit of fun

126

00:06:36,879 --> 00:06:35,270

and give it a go find out for ourselves

127

00:06:39,629 --> 00:06:36,889

because we couldn't find anything in the

128

00:06:42,070 --> 00:06:39,639

literature anywhere not surprisingly and

129

00:06:44,890 --> 00:06:42,080

we thought we could design a project in

130

00:06:47,170 --> 00:06:44,900

dumb in front of us up well that's funny

131

00:06:49,330 --> 00:06:47,180

you should mention that Simon because as

132

00:06:50,950 --> 00:06:49,340

it turns out power balance couldn't find

133

00:06:52,600 --> 00:06:50,960

anything in the literature either when

134

00:06:55,180 --> 00:06:52,610

the a triple c ask them for evidence

135

00:06:57,879 --> 00:06:55,190

they said there's no scientific evidence

136

00:06:59,890 --> 00:06:57,889

to support our claims and I mean some of

137

00:07:02,050 --> 00:06:59,900

the claims that they make which use do

138

00:07:04,450 --> 00:07:02,060

you do cite in your study and you've put

139

00:07:06,070 --> 00:07:04,460

into your study is that they claim that

140

00:07:09,640 --> 00:07:06,080

it improves your ballot your balance

141

00:07:11,560 --> 00:07:09,650

your flexibility it also has a mile a

142

00:07:13,210 --> 00:07:11,570

hologram which is embedded with a range

143

00:07:15,640 --> 00:07:13,220

of frequencies that react positively

144

00:07:17,680 --> 00:07:15,650

with your body's energy field they

145

00:07:20,650 --> 00:07:17,690

result in faster synaptic responses I

146

00:07:22,330 --> 00:07:20,660

mean as a person with a physiology

147

00:07:25,330 --> 00:07:22,340

background does that make any sense to

148

00:07:27,610 --> 00:07:25,340

you no look I think what happens with

149

00:07:30,460 --> 00:07:27,620

these sort of things is and we did find

150

00:07:32,230 --> 00:07:30,470

some research on what's called human

151

00:07:34,230 --> 00:07:32,240

frequencies which are extremely low

152

00:07:36,250 --> 00:07:34,240

frequency electromagnetic fields and

153

00:07:38,589 --> 00:07:36,260

their effects on human physiology

154

00:07:40,240 --> 00:07:38,599

there's a few papers out there are not

155

00:07:43,450 --> 00:07:40,250

that are quite well done and this is a

156

00:07:45,640 --> 00:07:43,460

recognised feel of studying in physics

157

00:07:49,480 --> 00:07:45,650

but a lot of people try and sort of hits

158

00:07:50,620 --> 00:07:49,490

their trailer to the contest so one

159

00:07:52,930 --> 00:07:50,630

thing to say that there are human

160

00:07:55,659 --> 00:07:52,940

frequencies and that these dlf fields

161

00:07:57,100 --> 00:07:55,669

you know affect human physiology it's

162

00:07:59,409 --> 00:07:57,110

another thing to then say that what

163

00:08:01,510 --> 00:07:59,419

you've produced subsequently effects

164

00:08:04,510 --> 00:08:01,520

that and then that positively affects

165

00:08:07,990 --> 00:08:04,520

the person so it's a big leap very big

166

00:08:11,230 --> 00:08:08,000

leap and and ultimately sifting through

167

00:08:12,640 --> 00:08:11,240

that we we saw that the claims and the

168

00:08:15,520 --> 00:08:12,650

mechanisms that they were claiming

169

00:08:17,770 --> 00:08:15,530

behind it but we sort of set out to sort

170

00:08:19,719 --> 00:08:17,780

of have a look at the if you've work

171

00:08:21,909 --> 00:08:19,729

rather than the house and we're going to

172

00:08:23,589 --> 00:08:21,919

be fined as an if then potentially later

173

00:08:25,270 --> 00:08:23,599

we'll concentrate on how but at the

174

00:08:27,370 --> 00:08:25,280

moment let's just find out if

175

00:08:28,870 --> 00:08:27,380

anything you know and not get too bogged

176

00:08:31,840 --> 00:08:28,880

down in the in the potential theory

177

00:08:35,140 --> 00:08:31,850

which may be may be spot-on and maybe

178

00:08:36,940 --> 00:08:35,150

absolute rubbish you know well let's

179

00:08:39,880 --> 00:08:36,950

talk about the trial then you did a

180

00:08:43,029 --> 00:08:39,890

randomized placebo-controlled trial with

181

00:08:45,370 --> 00:08:43,039

42 subjects now can you tell us a little

182

00:08:48,850 --> 00:08:45,380

bit about how you set up the trial

183

00:08:51,400 --> 00:08:48,860

because you had a placebo and then you

184

00:08:53,440 --> 00:08:51,410

had the power balance band tell me what

185

00:08:57,840 --> 00:08:53,450

was your casino how did you develop that

186

00:09:01,480 --> 00:08:57,850

we actually took a real valence band and

187

00:09:03,640 --> 00:09:01,490

excised the hologram from it and then

188

00:09:05,980 --> 00:09:03,650

ran down and manufactured some stainless

189

00:09:08,530 --> 00:09:05,990

steel from a nurse stainless steel discs

190

00:09:11,079 --> 00:09:08,540

to the same size and light as the hollow

191

00:09:13,270 --> 00:09:11,089

bench and replace the Holograms with

192

00:09:15,820 --> 00:09:13,280

those for those disks and after that we

193

00:09:18,040 --> 00:09:15,830

to both the real device and a placebo

194

00:09:20,440 --> 00:09:18,050

device and we cover them with a few

195

00:09:21,370 --> 00:09:20,450

sticky dots and turn them inside out so

196

00:09:24,190 --> 00:09:21,380

that people didn't know which one was

197

00:09:26,650 --> 00:09:24,200

which but to hold visually they look the

198

00:09:27,940 --> 00:09:26,660

same to hold they felt the same but one

199

00:09:29,260 --> 00:09:27,950

of the Holograms of the place for the

200

00:09:31,710 --> 00:09:29,270

Holograms I'm one river place for the

201
00:09:34,270 --> 00:09:31,720
steel discs and so you actually

202
00:09:36,000 --> 00:09:34,280
concentrated on monitoring balance

203
00:09:38,890 --> 00:09:36,010
didn't assignment and you used

204
00:09:40,360 --> 00:09:38,900
computerized dynamic posture ography can

205
00:09:43,210 --> 00:09:40,370
you explain to our listeners how that

206
00:09:46,030 --> 00:09:43,220
works sure it's reasonably standardized

207
00:09:48,970 --> 00:09:46,040
way to measure balance in the body and a

208
00:09:52,030 --> 00:09:48,980
clinical setting as well what it is it's

209
00:09:54,360 --> 00:09:52,040
a fancy way of saying 90 set of scales

210
00:09:57,430 --> 00:09:54,370
effectively so people stand on a

211
00:09:59,650 --> 00:09:57,440
platform of balance plate and it

212
00:10:01,540 --> 00:09:59,660
measures sway so how far forward

213
00:10:03,460 --> 00:10:01,550

backwards left right people are leaning

214

00:10:05,110 --> 00:10:03,470

at any given point and of course in

215

00:10:07,360 --> 00:10:05,120

normal balance we're all moving

216

00:10:09,670 --> 00:10:07,370

backwards and forwards in any given

217

00:10:11,230 --> 00:10:09,680

direction a little bit all the time and

218

00:10:13,120 --> 00:10:11,240

what we can do with this plate is

219

00:10:15,520 --> 00:10:13,130

measured that quite accurately but also

220

00:10:18,340 --> 00:10:15,530

we measure people under different

221

00:10:20,320 --> 00:10:18,350

circumstances so standing on the pipe

222

00:10:21,820 --> 00:10:20,330

with their eyes open means that people

223

00:10:24,910 --> 00:10:21,830

are receiving information about where

224

00:10:27,070 --> 00:10:24,920

they are in space with all their inputs

225

00:10:29,110 --> 00:10:27,080

so feedback from muscles and joints like

226

00:10:30,910 --> 00:10:29,120

the ankles in particular feedback from

227

00:10:33,040 --> 00:10:30,920

their eyes and feedback from their inner

228

00:10:36,220 --> 00:10:33,050

ear damaged systems then we can

229

00:10:37,600 --> 00:10:36,230

eliminate one or another system by

230

00:10:38,960 --> 00:10:37,610

getting them to do simple things like

231

00:10:41,509 --> 00:10:38,970

clothe their eyes

232

00:10:43,910 --> 00:10:41,519

again or stand on a phone surface which

233

00:10:45,800 --> 00:10:43,920

will confuse the joint feedback measure

234

00:10:48,319 --> 00:10:45,810

them again or phone service with eyes

235

00:10:49,400 --> 00:10:48,329

closed and measure them again and from

236

00:10:51,350 --> 00:10:49,410

that we get a whole bunch of data about

237

00:10:53,540 --> 00:10:51,360

how different people handle those

238

00:10:55,970 --> 00:10:53,550

different circumstances and an analog of

239

00:10:57,740 --> 00:10:55,980

fudge and I think it's important to note

240

00:10:59,900 --> 00:10:57,750

also that the person operating that

241

00:11:02,689 --> 00:10:59,910

machine didn't know whether the

242

00:11:04,340 --> 00:11:02,699

participant had the placebo or the power

243

00:11:05,840 --> 00:11:04,350

balance is that correct yeah that's

244

00:11:09,319 --> 00:11:05,850

right we blinded the operator which

245

00:11:10,850 --> 00:11:09,329

happen to be me and and each group of

246

00:11:13,999 --> 00:11:10,860

participants which we randomized into

247

00:11:15,740 --> 00:11:14,009

two groups would go through testing one

248

00:11:18,350 --> 00:11:15,750

week where they were tested with the

249

00:11:20,269 --> 00:11:18,360

real device nothing and then at the 47

250

00:11:21,829 --> 00:11:20,279

of us then they'd have that auto-reverse

251
00:11:23,809 --> 00:11:21,839
the following week and then another

252
00:11:25,819 --> 00:11:23,819
group actually did but see though

253
00:11:27,439 --> 00:11:25,829
nothing real the Bison and have that

254
00:11:30,110 --> 00:11:27,449
over reversed the following week and

255
00:11:32,840 --> 00:11:30,120
they never knew which the x feller using

256
00:11:34,879 --> 00:11:32,850
when they had others available pasiba so

257
00:11:38,240 --> 00:11:34,889
we can hardly wait to hear Simon what

258
00:11:40,759 --> 00:11:38,250
happened what were the results well as

259
00:11:42,410 --> 00:11:40,769
you can probably imagine there was no

260
00:11:44,389 --> 00:11:42,420
statistically significant difference

261
00:11:47,720 --> 00:11:44,399
between any of the groups across any of

262
00:11:51,340 --> 00:11:47,730
the procedures and even across time

263
00:11:54,379 --> 00:11:51,350

there was a trend for people to improve

264

00:11:56,540 --> 00:11:54,389

using so he did their standing on a

265

00:11:58,280 --> 00:11:56,550

phone with their eyes closed but

266

00:11:59,809 --> 00:11:58,290

everybody improved over time which

267

00:12:02,509 --> 00:11:59,819

effectively means it wasn't learning

268

00:12:04,100 --> 00:12:02,519

effect but as far as using the bracelets

269

00:12:07,850 --> 00:12:04,110

was concerned there was no difference

270

00:12:09,470 --> 00:12:07,860

between baseline and placebo in fact it

271

00:12:11,449 --> 00:12:09,480

was a little bit of a trend towards

272

00:12:13,610 --> 00:12:11,459

getting worse we divers up receiver with

273

00:12:16,160 --> 00:12:13,620

a real device but again not

274

00:12:17,840 --> 00:12:16,170

statistically significant what was

275

00:12:20,240 --> 00:12:17,850

interesting for us is that we didn't

276

00:12:22,910 --> 00:12:20,250

even see a placebo effect normally in

277

00:12:24,379 --> 00:12:22,920

this sort of a study if we were asking

278

00:12:26,150 --> 00:12:24,389

people how has helped about their

279

00:12:28,280 --> 00:12:26,160

balance we might assume that they would

280

00:12:30,439 --> 00:12:28,290

feel a bit better with the wheel or the

281

00:12:32,569 --> 00:12:30,449

placebo device but because we were

282

00:12:34,879 --> 00:12:32,579

measuring so objectively we didn't see

283

00:12:36,410 --> 00:12:34,889

anybody that effect at all and that's

284

00:12:38,660 --> 00:12:36,420

because you mentioned this in your paper

285

00:12:41,210 --> 00:12:38,670

that you weren't asking them to report

286

00:12:42,740 --> 00:12:41,220

how they thought they performed you were

287

00:12:46,689 --> 00:12:42,750

just measuring their performance right

288

00:12:48,860 --> 00:12:46,699

yep just doing it totally objective

289

00:12:51,380 --> 00:12:48,870

quantitative while using the measurement

290

00:12:53,600 --> 00:12:51,390

platform and the perfect software

291

00:12:55,310 --> 00:12:53,610

and you didn't really why I'm unless

292

00:12:58,700 --> 00:12:55,320

they told us I felt like I gotta puke

293

00:12:59,780 --> 00:12:58,710

and we get him a bucket we didn't care

294

00:13:00,860 --> 00:12:59,790

about how they felt about their balance

295

00:13:02,450 --> 00:13:00,870

we only measured about how we can

296

00:13:05,120 --> 00:13:02,460

measure it concern about how that

297

00:13:07,160 --> 00:13:05,130

measure it so you also mentioned that

298

00:13:09,200 --> 00:13:07,170

you didn't investigate some of the other

299

00:13:11,570 --> 00:13:09,210

claims that power balance particularly

300

00:13:13,220 --> 00:13:11,580

they make which is that their bracelet

301

00:13:15,110 --> 00:13:13,230

improves strength flexibility and

302

00:13:16,730 --> 00:13:15,120

endurance but you made a comment that

303

00:13:19,250 --> 00:13:16,740

because the hologram seemed to have no

304

00:13:20,450 --> 00:13:19,260

effect on balance you suggested that

305

00:13:22,130 --> 00:13:20,460

it's probably not going to have any

306

00:13:25,870 --> 00:13:22,140

other effects either what do you say

307

00:13:30,320 --> 00:13:25,880

about that oh look we think it's some

308

00:13:31,820 --> 00:13:30,330

well let me partly comes down to we're

309

00:13:34,430 --> 00:13:31,830

talking about earlier the potential

310

00:13:36,050 --> 00:13:34,440

mechanisms behind it you know we've sort

311

00:13:38,210 --> 00:13:36,060

of showing that well it doesn't include

312

00:13:40,460 --> 00:13:38,220

balance which is quite a dynamic process

313

00:13:43,220 --> 00:13:40,470

that involves several different

314

00:13:46,010 --> 00:13:43,230

neurological and muscular skeletal

315

00:13:47,810 --> 00:13:46,020

systems coordinated all at once then

316

00:13:48,980 --> 00:13:47,820

it's unlikely that other things such as

317

00:13:52,040 --> 00:13:48,990

strength and flexibility which

318

00:13:54,470 --> 00:13:52,050

ultimately can be even components of

319

00:13:57,650 --> 00:13:54,480

balance would move would be affected in

320

00:13:58,850 --> 00:13:57,660

any way we think it's it's highly

321

00:14:01,100 --> 00:13:58,860

unlikely again we better leave ourselves

322

00:14:02,510 --> 00:14:01,110

open and say look some of the head needs

323

00:14:05,600 --> 00:14:02,520

to come along and test this stuff as

324

00:14:07,640 --> 00:14:05,610

well and you know I've got a sneaking

325

00:14:10,370 --> 00:14:07,650

suspicion that some of the groups want

326

00:14:12,800 --> 00:14:10,380

to do that but at the moment we think

327

00:14:15,530 --> 00:14:12,810

it's pretty are marking well then based

328

00:14:16,790 --> 00:14:15,540

on your findings in your opinion Simon

329

00:14:18,320 --> 00:14:16,800

do you think that perhaps some of the

330

00:14:20,000 --> 00:14:18,330

things that power ballads claim about

331

00:14:23,300 --> 00:14:20,010

their product could be construed as may

332

00:14:25,790 --> 00:14:23,310

be false advertising in Australia I

333

00:14:29,000 --> 00:14:25,800

understand that what happened with the a

334

00:14:31,060 --> 00:14:29,010

Triple C and the city goods Association

335

00:14:33,320 --> 00:14:31,070

is that they were actually in breach of

336

00:14:35,300 --> 00:14:33,330

the Trade Practices Act because they

337

00:14:36,920 --> 00:14:35,310

were making see repeated claims and

338

00:14:41,150 --> 00:14:36,930

hadn't actually registered the device

339

00:14:42,920 --> 00:14:41,160

with as a therapeutic good so never god

340

00:14:45,770 --> 00:14:42,930

yes they're making claims that are

341

00:14:47,600 --> 00:14:45,780

unsubstantiated we've gone from a

342

00:14:49,370 --> 00:14:47,610

situation where we've had no evidence

343

00:14:51,440 --> 00:14:49,380

that it did work but also no evidence

344

00:14:54,440 --> 00:14:51,450

that it didn't now we've got evidence

345

00:14:56,090 --> 00:14:54,450

that it doesn't and so that some sir you

346

00:14:58,370 --> 00:14:56,100

guys change the place you have a little

347

00:15:01,010 --> 00:14:58,380

bit means that you know they certainly

348

00:15:02,630 --> 00:15:01,020

need to become a little California well

349

00:15:05,519 --> 00:15:02,640

it's very interesting because when all

350

00:15:09,210 --> 00:15:05,529

the news came out about the HR policy

351

00:15:11,819 --> 00:15:09,220

decision in December 2010 that also is

352

00:15:15,540 --> 00:15:11,829

now a class-action lawsuit being

353

00:15:17,189 --> 00:15:15,550

compiled in LA in the States but Power

354

00:15:19,199 --> 00:15:17,199

Balance continue to claim that their

355

00:15:21,660 --> 00:15:19,209

product works everywhere else except in

356

00:15:24,960 --> 00:15:21,670

Australia so do you think as a

357

00:15:27,090 --> 00:15:24,970

physiologist that perhaps the hologram

358

00:15:29,699 --> 00:15:27,100

might not work upside down in the

359

00:15:31,350 --> 00:15:29,709

southern hemisphere well you know again

360

00:15:35,009 --> 00:15:31,360

with if we're talking electromagnetic

361

00:15:37,949 --> 00:15:35,019

fields yeah who knows maybe you know in

362

00:15:40,769 --> 00:15:37,959

another 2,000 years we'll the polar to

363

00:15:43,199 --> 00:15:40,779

the polls will clip and everything will

364

00:15:45,929 --> 00:15:43,209

work down here and my work in the

365

00:15:48,860 --> 00:15:45,939

northern hemisphere is back again my

366

00:15:51,299 --> 00:15:48,870

knowledge of physics is think of a bit

367

00:15:52,949 --> 00:15:51,309

so you mentioned Simon that you work

368

00:15:55,799 --> 00:15:52,959

with sports people and obviously they're

369

00:15:57,540 --> 00:15:55,809

very superstitious so despite the fact

370

00:15:59,819 --> 00:15:57,550

that there's been a lot of evidence now

371

00:16:01,829 --> 00:15:59,829

to show that [h__h] our power balance is

372

00:16:03,689 --> 00:16:01,839

really no more beneficial than a rubber

373

00:16:08,790 --> 00:16:03,699

band do you think they'll continue to

374

00:16:11,759 --> 00:16:08,800

wear them I had a patient last week come

375

00:16:15,119 --> 00:16:11,769

in who works at a chemist and was

376

00:16:16,650 --> 00:16:15,129

telling me that somebody came in after

377

00:16:20,579 --> 00:16:16,660

we'd actually been on the news reporting

378

00:16:21,780 --> 00:16:20,589

these results and said oh I don't care

379

00:16:24,569 --> 00:16:21,790

what they say I'm going to get one

380

00:16:26,579 --> 00:16:24,579

anyway and actually bought one and then

381

00:16:28,439 --> 00:16:26,589

it sort of struck me that people in the

382

00:16:30,079 --> 00:16:28,449

general population don't tend to worry

383

00:16:32,249 --> 00:16:30,089

too much about that sort of stuff

384

00:16:33,299 --> 00:16:32,259

whether it's proven or not there is

385

00:16:34,379 --> 00:16:33,309

something they're going to believe we're

386

00:16:38,040 --> 00:16:34,389

gardless there was something there going

387

00:16:41,460 --> 00:16:38,050

to be skeptical regardless having said

388

00:16:43,980 --> 00:16:41,470

that the athlete side of things we did

389

00:16:46,470 --> 00:16:43,990

actually have contact last year with a

390

00:16:48,689 --> 00:16:46,480

an agent for somebody for a few athletes

391

00:16:50,280 --> 00:16:48,699

wanting to know the results before hand

392

00:16:52,410 --> 00:16:50,290

so they could tell their athletes to

393

00:16:54,210 --> 00:16:52,420

stop using them if they didn't work so

394

00:16:56,340 --> 00:16:54,220

that they didn't look too foolish than

395

00:16:57,720 --> 00:16:56,350

the results were released means I I

396

00:16:58,919 --> 00:16:57,730

think that our minds will have that sort

397

00:17:00,840 --> 00:16:58,929

of stuff that I did give it probably

398

00:17:03,090 --> 00:17:00,850

depends on how high profile they are the

399

00:17:05,699 --> 00:17:03,100

average amateur football or a

400

00:17:06,750 --> 00:17:05,709

basketballer no probably couldn't care

401
00:17:09,720 --> 00:17:06,760
less and if they feel they're getting an

402
00:17:10,949 --> 00:17:09,730
advantage of and let them go we're we're

403
00:17:13,230 --> 00:17:10,959
more worried about our patients and

404
00:17:16,230 --> 00:17:13,240
having appropriate diagnosis to later

405
00:17:18,840 --> 00:17:16,240
etcetera well interestingly Djokovic was

406
00:17:19,360 --> 00:17:18,850
wearing one in the tennis a couple of

407
00:17:21,880 --> 00:17:19,370
nights ago

408
00:17:24,309 --> 00:17:21,890
and one so obviously that was because of

409
00:17:25,720 --> 00:17:24,319
the power balance band not because

410
00:17:27,579 --> 00:17:25,730
they're a very good tennis player or

411
00:17:31,420 --> 00:17:27,589
anything to do with their skills it was

412
00:17:33,549 --> 00:17:31,430
a bad so well the blogosphere guys in

413
00:17:34,840 --> 00:17:33,559

the file i suppose and you know going to

414

00:17:38,049 --> 00:17:34,850

be losers it may be because the damage

415

00:17:41,380 --> 00:17:38,059

on the wrong restore upside down again

416

00:17:44,170 --> 00:17:41,390

you know we have had one group contact

417

00:17:46,360 --> 00:17:44,180

us claiming that should be using it on

418

00:17:48,160 --> 00:17:46,370

the left side not the right because the

419

00:17:52,270 --> 00:17:48,170

that's apparently where energy enters

420

00:17:54,970 --> 00:17:52,280

the bike yeah it's a little bit but you

421

00:17:56,110 --> 00:17:54,980

know again you know so one of the really

422

00:17:59,020 --> 00:17:56,120

interesting things that you've just

423

00:18:00,970 --> 00:17:59,030

mentioned to me is that I'm a lot of

424

00:18:03,040 --> 00:18:00,980

people would say well if it's placebo

425

00:18:04,540 --> 00:18:03,050

the placebo effect is a real effect

426

00:18:06,700 --> 00:18:04,550

therefore it works but you're saying

427

00:18:08,230 --> 00:18:06,710

that you didn't even find a placebo

428

00:18:10,780 --> 00:18:08,240

effect with these bands that's something

429

00:18:12,310 --> 00:18:10,790

really interesting yeah definitely this

430

00:18:14,680 --> 00:18:12,320

from the quantitative measures that we

431

00:18:18,430 --> 00:18:14,690

did we didn't see any positive effect at

432

00:18:22,360 --> 00:18:18,440

all so I suppose it means if there's a

433

00:18:24,340 --> 00:18:22,370

real world effect then what we what we

434

00:18:26,470 --> 00:18:24,350

think is happening is that yes it's odd

435

00:18:28,630 --> 00:18:26,480

a semi effect so it's a perception of

436

00:18:31,240 --> 00:18:28,640

improvement not necessarily an actual

437

00:18:33,040 --> 00:18:31,250

improvement or like anything else people

438

00:18:35,049 --> 00:18:33,050

the more they do physical activity so

439

00:18:36,130 --> 00:18:35,059

for example that put one on and keep

440

00:18:37,450 --> 00:18:36,140

playing golf they're just practicing

441

00:18:39,190 --> 00:18:37,460

golf more so they're getting better

442

00:18:41,820 --> 00:18:39,200

because they're practicing and doing it

443

00:18:44,980 --> 00:18:41,830

more it's probably have to take a look

444

00:18:46,419 --> 00:18:44,990

so just a final final question Simon why

445

00:18:49,900 --> 00:18:46,429

do you think then this product has been

446

00:18:51,940 --> 00:18:49,910

so successful because since 2007 these

447

00:18:54,220 --> 00:18:51,950

two guys have sold more than three

448

00:18:56,410 --> 00:18:54,230

million units of these things and I've

449

00:18:59,169 --> 00:18:56,420

seen them myself we also have as you've

450

00:19:01,240 --> 00:18:59,179

just heard a placebo band which is made

451
00:19:03,730 --> 00:19:01,250
in the same company for about two

452
00:19:05,770 --> 00:19:03,740
dollars and the power balance bands sell

453
00:19:08,620 --> 00:19:05,780
for up to sixty dollars here why do you

454
00:19:12,700 --> 00:19:08,630
think it's so successful I think it's

455
00:19:14,799 --> 00:19:12,710
some great marketing terrific

456
00:19:16,480 --> 00:19:14,809
endorsements from well my athlete so

457
00:19:17,710 --> 00:19:16,490
they're nothing to be sneezed at when

458
00:19:19,780 --> 00:19:17,720
you're trying to market something to

459
00:19:25,120 --> 00:19:19,790
athletes both amateur and professional

460
00:19:27,460 --> 00:19:25,130
and it's pretty yeah it's kind of glue

461
00:19:30,130 --> 00:19:27,470
be looking and people like a trend ain't

462
00:19:32,290 --> 00:19:30,140
the best I can say yeah the other thing

463
00:19:33,039 --> 00:19:32,300

from clinical aspect is that what we're

464

00:19:36,369 --> 00:19:33,049

seeing

465

00:19:38,729 --> 00:19:36,379

is that people want a quick fix you know

466

00:19:41,499 --> 00:19:38,739

so rather than going through weeks of

467

00:19:43,600 --> 00:19:41,509

vestibular rehabilitative therapy they

468

00:19:45,460 --> 00:19:43,610

want to put a band on and get better

469

00:19:47,950 --> 00:19:45,470

balance you know just like people like

470

00:19:51,039 --> 00:19:47,960

to take a pill and feminazis go away or

471

00:19:52,450 --> 00:19:51,049

what have you so yeah people it's you

472

00:19:54,940 --> 00:19:52,460

know a little bit about people want that

473

00:19:57,970 --> 00:19:54,950

edge but there anything to get it and

474

00:20:00,519 --> 00:19:57,980

also there's a trend aspect and one for

475

00:20:02,680 --> 00:20:00,529

quick fix okay so Simon obviously your

476

00:20:04,180 --> 00:20:02,690

publication is currently impressed in

477

00:20:05,799 --> 00:20:04,190

the Journal of bodywork and movement

478

00:20:08,080 --> 00:20:05,809

therapies when do you expect it will be

479

00:20:09,669 --> 00:20:08,090

published we're hoping will be in the

480

00:20:13,119 --> 00:20:09,679

next issue which will be in a pool that

481

00:20:15,999 --> 00:20:13,129

we just we just finished reviewing the

482

00:20:18,759 --> 00:20:16,009

article of the moment so dr. them at the

483

00:20:20,349 --> 00:20:18,769

boat hopefully arikil okay so in the

484

00:20:22,599 --> 00:20:20,359

meantime how can a listers find out more

485

00:20:24,029 --> 00:20:22,609

about this particular study or more

486

00:20:26,710 --> 00:20:24,039

about the research that you're doing

487

00:20:30,759 --> 00:20:26,720

they can just get onto RMIT's website

488

00:20:32,619 --> 00:20:30,769

but mit.edu a you or contact our mighty

489

00:20:34,299 --> 00:20:32,629

media and they can issue press release

490

00:20:35,710 --> 00:20:34,309

or you can get in contact with me

491

00:20:38,830 --> 00:20:35,720

directly through our mighty medium as

492

00:20:40,419 --> 00:20:38,840

well alright well thanks very much dr.

493

00:20:55,430 --> 00:20:40,429

Simon Bryce for joining us today on the

494

00:21:02,190 --> 00:20:59,670

and now I have a few more snippets just

495

00:21:04,800 --> 00:21:02,200

in case you haven't had enough of Power

496

00:21:07,170 --> 00:21:04,810

Balance just yet and I think we've all

497

00:21:09,810 --> 00:21:07,180

had enough but anyway if you're

498

00:21:12,420 --> 00:21:09,820

interested in following the lawsuit

499

00:21:18,350 --> 00:21:12,430

against Power Balance you can go to HTTP

500

00:21:23,910 --> 00:21:18,360

colon slash slash ww Power Balance class

501
00:21:28,500 --> 00:21:23,920
action com oh what a sweet URL that is

502
00:21:30,270 --> 00:21:28,510
power balance class action calm also we

503
00:21:33,060 --> 00:21:30,280
notice that the New Zealand Prime

504
00:21:35,610 --> 00:21:33,070
Minister John Key hello everybody

505
00:21:38,490 --> 00:21:35,620
listening in New Zealand am sorry your

506
00:21:40,350 --> 00:21:38,500
Prime Minister's doing this was

507
00:21:43,920 --> 00:21:40,360
photographed wearing a power balance

508
00:21:46,260 --> 00:21:43,930
wristband what he's been taken to task

509
00:21:48,810 --> 00:21:46,270
by the New Zealand media at the moment

510
00:21:50,100 --> 00:21:48,820
and so he should goodness me I've come

511
00:21:52,860 --> 00:21:50,110
across the web site of another

512
00:21:56,130 --> 00:21:52,870
interesting product which looks very

513
00:22:01,530 --> 00:21:56,140

much like Power Balance called improve

514

00:22:05,570 --> 00:22:01,540

balance bands calm yes or at improved

515

00:22:08,400 --> 00:22:05,580

balance on Twitter and they are very

516

00:22:10,230 --> 00:22:08,410

closely following what power balance

517

00:22:12,060 --> 00:22:10,240

doers in their advertising in their

518

00:22:14,940 --> 00:22:12,070

promotional blurbs in fact the

519

00:22:18,660 --> 00:22:14,950

promotional blurbs on improved balance

520

00:22:22,080 --> 00:22:18,670

parents calm is verbatim from power

521

00:22:24,510 --> 00:22:22,090

balance who is copping whom I wonder and

522

00:22:28,080 --> 00:22:24,520

finally I will leave you with the words

523

00:22:31,440 --> 00:22:28,090

of Melbourne chiropractor dr. Matt

524

00:22:35,460 --> 00:22:31,450

Bateman who last year at any rate was a

525

00:22:38,530 --> 00:22:35,470

fan of power balance wristbands

526
00:22:40,540 --> 00:22:38,540
Melbourne chiropractor dr. Matt Bateman

527
00:22:43,780 --> 00:22:40,550
has tried it on hundreds of his patients

528
00:22:46,990 --> 00:22:43,790
even staking his reputation on it can

529
00:22:49,930 --> 00:22:47,000
increase strength balance stability and

530
00:22:50,860 --> 00:22:49,940
core power so and flexibility as well so

531
00:22:53,410 --> 00:22:50,870
there's a lot of things that can

532
00:22:55,810 --> 00:22:53,420
actually do hold now do you feel

533
00:22:57,190 --> 00:22:55,820
stronger ok it's I'm putting a lot more

534
00:22:59,920 --> 00:22:57,200
pressure there's only so much you can

535
00:23:01,810 --> 00:22:59,930
fake I'm not faking five hundred percent

536
00:23:03,400 --> 00:23:01,820
increase strength and stability is which

537
00:23:10,240 --> 00:23:03,410
is what I felt when I first did the test

538
00:23:12,700 --> 00:23:10,250

I can't fake that hey boo oh hey bro

539

00:23:15,610 --> 00:23:12,710

what on your wrist is that a balance

540

00:23:18,220 --> 00:23:15,620

pavan what the no no this is a placebo

541

00:23:21,010 --> 00:23:18,230

man a what that's right new from skeptic

542

00:23:22,630 --> 00:23:21,020

Bruce com+ superb and no more popping

543

00:23:25,180 --> 00:23:22,640

pills painful needles or smelly

544

00:23:26,950 --> 00:23:25,190

ointments huh the suburban uses two

545

00:23:29,050 --> 00:23:26,960

powerful scientifically proven affects

546

00:23:30,970 --> 00:23:29,060

the placebo effect and confirmation bias

547

00:23:32,830 --> 00:23:30,980

seriously there's no one else here who

548

00:23:34,300 --> 00:23:32,840

are you yelling at the super bands in

549

00:23:35,980 --> 00:23:34,310

five fashionable colors are available

550

00:23:38,950 --> 00:23:35,990

for only two dollars each plus postage

551
00:23:41,410 --> 00:23:38,960
and handling from skeptic bros com get

552
00:23:43,480 --> 00:23:41,420
yours today why do I even talk to you

553
00:23:48,000 --> 00:23:43,490
I'm your brother and mum says you have

554
00:23:55,340 --> 00:23:53,200
here's may not spooky action at the

555
00:23:56,930 --> 00:23:55,350
distance

556
00:23:58,370 --> 00:23:56,940
I've investigated some pretty stupid

557
00:23:59,960 --> 00:23:58,380
things in my time but one of the most

558
00:24:03,620 --> 00:23:59,970
stupid things that's come to my notice

559
00:24:06,049 --> 00:24:03,630
recently from overseas podcasts adam

560
00:24:10,130 --> 00:24:06,059
curry has covered it extensively is some

561
00:24:13,120 --> 00:24:10,140
the big vodka eyeball shot fiasco this

562
00:24:16,659 --> 00:24:13,130
is where people usually young people

563
00:24:19,340 --> 00:24:16,669

doing vodka shots into their eye who

564

00:24:20,750 --> 00:24:19,350

would do that I don't know I've seen

565

00:24:23,240 --> 00:24:20,760

pretty stupid people doing it laptop

566

00:24:24,890 --> 00:24:23,250

come to an I'm tamo trust here in MZ hi

567

00:24:27,169 --> 00:24:24,900

na IM good thanks very much how are you

568

00:24:29,630 --> 00:24:27,179

drinking vodka can be dangerous enough

569

00:24:32,299 --> 00:24:29,640

without pouring into your eye Oh exactly

570

00:24:34,700 --> 00:24:32,309

yeah and forty percent alcohol as you

571

00:24:36,529 --> 00:24:34,710

know vodkas been used as disinfectant

572

00:24:38,270 --> 00:24:36,539

yeah what do you do poor disinfectant in

573

00:24:40,279 --> 00:24:38,280

your eye I mean it's a very very stupid

574

00:24:42,200 --> 00:24:40,289

thing to do now the idea is that it

575

00:24:43,880 --> 00:24:42,210

actually gets you drunk faster because

576

00:24:46,250 --> 00:24:43,890

there's blood vessels in your eyes that

577

00:24:48,799 --> 00:24:46,260

comes orb the vodka faster than it can

578

00:24:51,320 --> 00:24:48,809

through your stomach from a man who is a

579

00:24:53,000 --> 00:24:51,330

drinker be an optometrist what's your

580

00:24:54,980 --> 00:24:53,010

professional opinion on this idea ah

581

00:24:56,840 --> 00:24:54,990

totally false I mean there might be some

582

00:24:58,880 --> 00:24:56,850

very very minimal absorption but it'd be

583

00:25:00,409 --> 00:24:58,890

incredibly tiny compared to what the

584

00:25:02,390 --> 00:25:00,419

stomach and especially is small

585

00:25:04,159 --> 00:25:02,400

intestine can do so go through what

586

00:25:06,590 --> 00:25:04,169

would happen if you poured something

587

00:25:08,990 --> 00:25:06,600

like vodka or any alcohol directly into

588

00:25:11,120 --> 00:25:09,000

your eye most of it would spill out for

589

00:25:13,700 --> 00:25:11,130

start because the I can really only hold

590

00:25:15,620 --> 00:25:13,710

one drop maybe even two but maybe a one

591

00:25:17,000 --> 00:25:15,630

drop but most of it would just pull

592

00:25:18,799 --> 00:25:17,010

straight out all you're going to really

593

00:25:20,870 --> 00:25:18,809

get in there is one drop for a little

594

00:25:23,299 --> 00:25:20,880

while and it's just going to be very

595

00:25:24,980 --> 00:25:23,309

irritating to the to the conjunctiva the

596

00:25:26,330 --> 00:25:24,990

membranes the delicate membranes around

597

00:25:28,310 --> 00:25:26,340

over the white part of the eye on the

598

00:25:30,740 --> 00:25:28,320

inside of the lid what damage to the

599

00:25:32,299 --> 00:25:30,750

vision can you expect probably it'll be

600

00:25:33,830 --> 00:25:32,309

a little bit of swelling maybe the next

601
00:25:35,659 --> 00:25:33,840
day so it could be a little bit blurry

602
00:25:37,669 --> 00:25:35,669
for with swelling of the cornea which is

603
00:25:38,990 --> 00:25:37,679
the clear membrane over the front of the

604
00:25:41,450 --> 00:25:39,000
eye and so there could be a little bit

605
00:25:43,340 --> 00:25:41,460
blur in the next day but it repeated

606
00:25:45,830 --> 00:25:43,350
exposures Yearwood with certainly course

607
00:25:47,480 --> 00:25:45,840
some big problems and in these videos we

608
00:25:50,090 --> 00:25:47,490
see the people doing it and the idea is

609
00:25:52,279 --> 00:25:50,100
that they get more drunk but we've never

610
00:25:54,799 --> 00:25:52,289
seen someone go from a sober state doing

611
00:25:56,090 --> 00:25:54,809
it so your theory that you mentioned to

612
00:25:57,500 --> 00:25:56,100
me when I rang you about this was in

613
00:25:58,909 --> 00:25:57,510

fact they're just drunk in the first

614

00:26:00,620 --> 00:25:58,919

place and this really isn't adding

615

00:26:01,909 --> 00:26:00,630

anything to it and also there's an

616

00:26:03,649 --> 00:26:01,919

inflammatory effect you are mentioning

617

00:26:06,200 --> 00:26:03,659

that happens that might block the whole

618

00:26:08,180 --> 00:26:06,210

alcohol absorption anyway it's totally

619

00:26:08,450 --> 00:26:08,190

impossible you can't go from sober to

620

00:26:10,250 --> 00:26:08,460

being

621

00:26:11,720 --> 00:26:10,260

very quickly drunk by pouring vodka in

622

00:26:14,240 --> 00:26:11,730

your eye it just is not going to happen

623

00:26:17,120 --> 00:26:14,250

it will not happen you're far better to

624

00:26:18,920 --> 00:26:17,130

have a lot of them vodka alcohol on an

625

00:26:20,750 --> 00:26:18,930

empty stomach that's the quick way to do

626

00:26:22,580 --> 00:26:20,760

it and that's why people to be doing a

627

00:26:24,350 --> 00:26:22,590

few years actually tried and true method

628

00:26:26,480 --> 00:26:24,360

for sure you mentioned an inflammatory

629

00:26:28,850 --> 00:26:26,490

response so when the alcohol hit CI what

630

00:26:31,640 --> 00:26:28,860

does the I do but movie sets up a

631

00:26:33,620 --> 00:26:31,650

reaction against the toxicity the

632

00:26:36,050 --> 00:26:33,630

chemical reaction that goes against the

633

00:26:37,880 --> 00:26:36,060

tissue and so you get a lot of blood

634

00:26:39,860 --> 00:26:37,890

vessel response to try and clear up

635

00:26:41,600 --> 00:26:39,870

whatever's causing the irritation so you

636

00:26:43,340 --> 00:26:41,610

get a lot of swelling fluid swelling to

637

00:26:44,810 --> 00:26:43,350

protect itself and a lot of blood vessel

638

00:26:46,790 --> 00:26:44,820

activity going on and there's also

639

00:26:48,470 --> 00:26:46,800

possible burning of the cornea or the

640

00:26:50,270 --> 00:26:48,480

clear part which incredibly painful

641

00:26:51,920 --> 00:26:50,280

because it's the most sensitive part of

642

00:26:53,330 --> 00:26:51,930

the body has got the most pain nerve

643

00:26:54,800 --> 00:26:53,340

endings that anywhere in the body so

644

00:26:56,360 --> 00:26:54,810

there'll be a lot of reactions going on

645

00:26:58,310 --> 00:26:56,370

with that stuff so as an eye care

646

00:27:00,080 --> 00:26:58,320

professional why do you think people are

647

00:27:02,720 --> 00:27:00,090

pouring something as stupid as that in

648

00:27:05,030 --> 00:27:02,730

their eye when my theory is purely

649

00:27:06,500 --> 00:27:05,040

risk-taking it's you know it's a way of

650

00:27:08,630 --> 00:27:06,510

saying look at me look at our you know

651
00:27:10,760 --> 00:27:08,640
how brave I am I'm pouring vodka

652
00:27:12,800 --> 00:27:10,770
directly into my of my eye you know it's

653
00:27:14,240 --> 00:27:12,810
young men maybe some women do it but

654
00:27:16,400 --> 00:27:14,250
judge me on my wrist take a look at me

655
00:27:17,570 --> 00:27:16,410
how sexy I am and what would your

656
00:27:19,030 --> 00:27:17,580
message me or anyone who's even thinking

657
00:27:21,800 --> 00:27:19,040
that although it should be obvious

658
00:27:23,150 --> 00:27:21,810
definitely don't do it obviously but you

659
00:27:24,560 --> 00:27:23,160
could I mean why haven't they poured it

660
00:27:26,030 --> 00:27:24,570
into their ear I mean would you pour

661
00:27:28,100 --> 00:27:26,040
vodka into your ear I mean that's that's

662
00:27:30,680 --> 00:27:28,110
pretty close to the brain so give that a

663
00:27:32,840 --> 00:27:30,690

go I don't think so okay well it's a bit

664

00:27:34,370 --> 00:27:32,850

like saying look I want a sugar head you

665

00:27:36,620 --> 00:27:34,380

know I'm feeling a little bit rundown i

666

00:27:38,780 --> 00:27:36,630

know what i'll do i'll put a mars bar in

667

00:27:40,040 --> 00:27:38,790

my eye now would you put a mars bar in

668

00:27:52,970 --> 00:27:40,050

your life you wanted a sugar here of

669

00:27:56,640 --> 00:27:55,620

hi this is michael cruz from the

670

00:27:58,590 --> 00:27:56,650

committee for the advancement of

671

00:28:00,960 --> 00:27:58,600

scientific skepticism at the center for

672

00:28:02,430 --> 00:28:00,970

inquiry canada Cass is committed to

673

00:28:04,380 --> 00:28:02,440

critically examining scientific

674

00:28:06,840 --> 00:28:04,390

technological and medical claims in the

675

00:28:09,210 --> 00:28:06,850

public forum across Canada working with

676

00:28:11,010 --> 00:28:09,220

our expert advisors local cfi branches

677

00:28:12,360 --> 00:28:11,020

and other skeptical groups Cass

678

00:28:15,140 --> 00:28:12,370

confronts the peddlers of pseudoscience

679

00:28:17,400 --> 00:28:15,150

with evidence-based scientific inquiry

680

00:28:19,710 --> 00:28:17,410

2010 has been a watershed here for the

681

00:28:21,600 --> 00:28:19,720

sceptical movement in Canada and in 2011

682

00:28:23,940 --> 00:28:21,610

cast will continue fighting bad science

683

00:28:25,200 --> 00:28:23,950

in the media and the government if you

684

00:28:26,490 --> 00:28:25,210

would like to become involved in the

685

00:28:28,050 --> 00:28:26,500

fight to promote critical thinking in

686

00:28:29,550 --> 00:28:28,060

Canada or if you have a concern about

687

00:28:31,770 --> 00:28:29,560

the spread of pseudoscience in the

688

00:28:34,680 --> 00:28:31,780

Canadian media please contact us at

689

00:28:37,410 --> 00:28:34,690

casts at cfi canada CA you can also

690

00:28:39,450 --> 00:28:37,420

follow us on twitter at cfi casts and on

691

00:28:42,330 --> 00:28:39,460

facebook at cass at center for inquiry

692

00:28:55,480 --> 00:28:42,340

canada casts fighting pseudoscience

693

00:29:00,800 --> 00:28:58,460

and joining me on skype now I think I've

694

00:29:02,720 --> 00:29:00,810

got practically half of Melbourne in

695

00:29:06,830 --> 00:29:02,730

fact it's the Melbourne skeptics hello

696

00:29:09,200 --> 00:29:06,840

everyone hello you see I've got half of

697

00:29:11,450 --> 00:29:09,210

melbourne on line right now let's kick

698

00:29:13,310 --> 00:29:11,460

off with a chris higgins hi Chris hey

699

00:29:14,960 --> 00:29:13,320

Richard how you doing I'm doing well

700

00:29:16,520 --> 00:29:14,970

it's a bit hot in Sydney and so hot down

701
00:29:19,010 --> 00:29:16,530
in Melbourne as I understand at the

702
00:29:21,320 --> 00:29:19,020
moment it's very very warm it's very

703
00:29:23,660 --> 00:29:21,330
warm all over the place we have ed hello

704
00:29:27,110 --> 00:29:23,670
ed hello how're we going we're going

705
00:29:29,300 --> 00:29:27,120
well and aleeah's hi Ella Oh as you go

706
00:29:32,330 --> 00:29:29,310
on good apart from roasting and roasting

707
00:29:34,190 --> 00:29:32,340
of course I'm fine Karen breaking

708
00:29:36,170 --> 00:29:34,200
greetings now you're speaking to us from

709
00:29:39,110 --> 00:29:36,180
your headphones aren't you I am indeed

710
00:29:42,020 --> 00:29:39,120
yes creative lot these Melbourne people

711
00:29:44,510 --> 00:29:42,030
we've got that we've got Lucas Randall

712
00:29:48,020 --> 00:29:44,520
hi Lucas hello Richard how are you oh

713
00:29:50,930 --> 00:29:48,030

I'm fine and Matthew I Richard yep

714

00:29:52,760 --> 00:29:50,940

everyone's here including our favorite

715

00:29:58,490 --> 00:29:52,770

from the Melbourne think tank a couple

716

00:30:00,950 --> 00:29:58,500

of weeks ago it's postie Lindley good

717

00:30:03,320 --> 00:30:00,960

lately I've got another vodka drink to

718

00:30:06,440 --> 00:30:03,330

it seems they have lots of voices that's

719

00:30:07,910 --> 00:30:06,450

quite women okay let's kick off with you

720

00:30:10,850 --> 00:30:07,920

Chris can you fill us in a little bit

721

00:30:14,360 --> 00:30:10,860

about what this Melbourne skeptics is

722

00:30:16,610 --> 00:30:14,370

all about and your first big night yes

723

00:30:18,260 --> 00:30:16,620

certainly the the idea i had the idea i

724

00:30:20,090 --> 00:30:18,270

mean obviously it's not it's not my idea

725

00:30:22,400 --> 00:30:20,100

but i thought before tam it'd be really

726

00:30:24,740 --> 00:30:22,410

cool to to get a melbourne skeptics in

727

00:30:27,620 --> 00:30:24,750

the pub happening because we haven't had

728

00:30:31,070 --> 00:30:27,630

one in melbourne for since before I was

729

00:30:33,290 --> 00:30:31,080

born that's not true and I spoke to our

730

00:30:36,860 --> 00:30:33,300

good friend travis roy from the Granite

731

00:30:38,270 --> 00:30:36,870

State skeptics who I met in vegas and he

732

00:30:40,520 --> 00:30:38,280

gave me some really good advice on sort

733

00:30:42,350 --> 00:30:40,530

of firing stuff up and and that was

734

00:30:44,420 --> 00:30:42,360

pretty much it i picked a venue put it

735

00:30:46,010 --> 00:30:44,430

on facebook and said if you want to come

736

00:30:49,760 --> 00:30:46,020

along this is when we're doing it and

737

00:30:52,190 --> 00:30:49,770

and it was a massive success so which is

738

00:30:54,380 --> 00:30:52,200

really cool so all the other people

739

00:30:56,750 --> 00:30:54,390

there are Eddie for example you came

740

00:30:58,230 --> 00:30:56,760

along just to check it out yeah

741

00:31:02,460 --> 00:30:58,240

basically I had a great time

742

00:31:04,169 --> 00:31:02,470

at at time and really thought that this

743

00:31:06,000 --> 00:31:04,179

was the best thing to do because there's

744

00:31:08,460 --> 00:31:06,010

so many like-minded people and a great

745

00:31:09,810 --> 00:31:08,470

chance to talk about things that maybe

746

00:31:11,580 --> 00:31:09,820

with some of my other friends I can't

747

00:31:13,650 --> 00:31:11,590

really talk about your astrology and

748

00:31:15,810 --> 00:31:13,660

that where people are all a little bit

749

00:31:17,430 --> 00:31:15,820

you know touchy about here i can

750

00:31:19,650 --> 00:31:17,440

actually let loose and you had a great

751

00:31:22,200 --> 00:31:19,660

time lots of good food good drinks

752

00:31:23,910 --> 00:31:22,210

awesome people that sounds too good to

753

00:31:26,669 --> 00:31:23,920

be true i'm sorry i missed it now I

754

00:31:29,730 --> 00:31:26,679

really should i love i love going to the

755

00:31:31,650 --> 00:31:29,740

these events now let's move on and we'll

756

00:31:34,470 --> 00:31:31,660

chat with ilyas what's your connection

757

00:31:36,390 --> 00:31:34,480

ilyas we'll all of this well not

758

00:31:37,650 --> 00:31:36,400

basically being following this skeptics

759

00:31:40,049 --> 00:31:37,660

movement for a couple of years now

760

00:31:43,410 --> 00:31:40,059

instead of gotten involved on the

761

00:31:45,750 --> 00:31:43,420

internet mainly with the lobby against

762

00:31:48,360 --> 00:31:45,760

the australian anti-vaccination group

763

00:31:50,490 --> 00:31:48,370

yeah so you know I've been pretty very

764

00:31:52,799 --> 00:31:50,500

softly involved to the stop the avian

765

00:31:54,540 --> 00:31:52,809

Facebook webpage apart from you know

766

00:31:57,030 --> 00:31:54,550

doing a little bit of a panic on Twitter

767

00:31:58,380 --> 00:31:57,040

so for me I've always been into what

768

00:32:01,470 --> 00:31:58,390

always wanted to have something it was

769

00:32:03,240 --> 00:32:01,480

more local with no burn but it's nice to

770

00:32:05,280 --> 00:32:03,250

having a struggling skeptics in a big

771

00:32:07,740 --> 00:32:05,290

story Victoria's skeptics just the arm

772

00:32:09,419 --> 00:32:07,750

of that but then this was just for us

773

00:32:12,690 --> 00:32:09,429

and a better feel more accessible when

774

00:32:15,150 --> 00:32:12,700

its local so that I of what else is all

775

00:32:16,950 --> 00:32:15,160

about ah great look this is just our

776

00:32:19,860 --> 00:32:16,960

little sort of cup of tea and I just

777

00:32:22,169 --> 00:32:19,870

wanted to get into it straight away it

778

00:32:24,000 --> 00:32:22,179

does that answer your question it does

779

00:32:26,310 --> 00:32:24,010

it absolutely because this something we

780

00:32:29,100 --> 00:32:26,320

we really encourage we are we're

781

00:32:30,960 --> 00:32:29,110

delighted when people sort of well more

782

00:32:32,730 --> 00:32:30,970

or less spontaneously decide to get

783

00:32:35,280 --> 00:32:32,740

together and call themselves the local

784

00:32:38,790 --> 00:32:35,290

skeptic a group because you can always

785

00:32:41,100 --> 00:32:38,800

tap into the greater what shall we say

786

00:32:44,310 --> 00:32:41,110

the greater Oort cloud of skepticism out

787

00:32:46,260 --> 00:32:44,320

there with with the contacts especially

788

00:32:50,100 --> 00:32:46,270

a one Chris Higgins who has a very

789

00:32:52,110 --> 00:32:50,110

special contact of course a good contact

790

00:32:53,850 --> 00:32:52,120

with James Randy as our listeners would

791

00:32:57,150 --> 00:32:53,860

have known from a few weeks ago is so

792

00:32:59,970 --> 00:32:57,160

Chris was James Randy's assistant that

793

00:33:02,010 --> 00:32:59,980

in Austria true very very true and I've

794

00:33:04,710 --> 00:33:02,020

been it's given me enormous bragging

795

00:33:07,230 --> 00:33:04,720

rights ever since Tam ya don't know it

796

00:33:09,390 --> 00:33:07,240

so tell us

797

00:33:13,020 --> 00:33:09,400

and for the rest of your life no doubt

798

00:33:16,320 --> 00:33:13,030

indeed no Karen on speaking through a

799

00:33:19,919 --> 00:33:16,330

headphone ello tam Karen yes I certainly

800

00:33:21,510 --> 00:33:19,929

was um and were you involved in the

801
00:33:25,100 --> 00:33:21,520
skeptics before then forgive me if I

802
00:33:27,419 --> 00:33:25,110
don't know not really I've been a

803
00:33:30,690 --> 00:33:27,429
spectator in the skeptical movement for

804
00:33:35,850 --> 00:33:30,700
for a while but before time I was quite

805
00:33:39,060 --> 00:33:35,860
inactive and it showed me what's around

806
00:33:42,060 --> 00:33:39,070
what I can actually do and yeah that was

807
00:33:44,340 --> 00:33:42,070
a good good to expand my horizons and

808
00:33:46,440 --> 00:33:44,350
that respect well we're delighted that

809
00:33:48,990 --> 00:33:46,450
someone like you who has had an interest

810
00:33:50,580 --> 00:33:49,000
and then bothered or made the big effort

811
00:33:53,280 --> 00:33:50,590
i should say to come to town australia

812
00:33:54,750 --> 00:33:53,290
is now hooking up locally which is

813
00:33:56,730 --> 00:33:54,760

exactly the sort of thing we'd love to

814

00:34:00,360 --> 00:33:56,740

see and love to encourage now i don't

815

00:34:02,430 --> 00:34:00,370

need to tell our listeners to Lucas

816

00:34:04,230 --> 00:34:02,440

Randall is Lucas why will that Luke's is

817

00:34:06,480 --> 00:34:04,240

the man who gave the skeptic zone

818

00:34:09,480 --> 00:34:06,490

donated to the skeptics and a wonderful

819

00:34:11,849 --> 00:34:09,490

like canon video camera which is being

820

00:34:13,800 --> 00:34:11,859

put to very good use busting people all

821

00:34:15,840 --> 00:34:13,810

around the world Lucas I know you have a

822

00:34:18,000 --> 00:34:15,850

very great interest in skepticism so it

823

00:34:19,680 --> 00:34:18,010

must be good for you to hook up with a

824

00:34:22,560 --> 00:34:19,690

local group like this yes definitely

825

00:34:24,090 --> 00:34:22,570

Richard as you know I am also starting

826
00:34:25,770 --> 00:34:24,100
and other skeptics in the pub group and

827
00:34:28,169 --> 00:34:25,780
is there's actually three new ones

828
00:34:30,090 --> 00:34:28,179
including the Melbourne skeptics the

829
00:34:31,980 --> 00:34:30,100
Alma skeptics in the pod the eastern

830
00:34:33,480 --> 00:34:31,990
hill skeptics in the pub ends the Great

831
00:34:35,250 --> 00:34:33,490
Ocean Road skeptics in the pub that it's

832
00:34:38,040 --> 00:34:35,260
just starting off next next month as

833
00:34:40,470 --> 00:34:38,050
well it reminds me the old Australian

834
00:34:42,000 --> 00:34:40,480
joke is the country town there's a pub

835
00:34:43,740 --> 00:34:42,010
on every corner and one in the middle in

836
00:34:50,550 --> 00:34:43,750
case you get thirsty going from one pub

837
00:34:52,169 --> 00:34:50,560
to the other what a great idea no

838
00:34:54,300 --> 00:34:52,179

Matthew what's your connection to all

839

00:34:56,580 --> 00:34:54,310

this um well I've been involved in this

840

00:34:58,290 --> 00:34:56,590

kept t'kul movement for a couple of

841

00:35:00,120 --> 00:34:58,300

years I guess it started out like a lot

842

00:35:02,280 --> 00:35:00,130

of people listening to podcasts such as

843

00:35:03,750 --> 00:35:02,290

the skeptic zone and a lot of the

844

00:35:06,030 --> 00:35:03,760

American ones skeptics guide to the

845

00:35:07,830 --> 00:35:06,040

universe and I started going along to

846

00:35:11,400 --> 00:35:07,840

the Victorian skeptics who have a

847

00:35:13,020 --> 00:35:11,410

monthly sort of skeptics cafe which is a

848

00:35:16,680 --> 00:35:13,030

little more formal with a dinner and a

849

00:35:18,210 --> 00:35:16,690

talk usually each month and so this this

850

00:35:20,190 --> 00:35:18,220

Melbourne skeptics made up has just been

851

00:35:21,100 --> 00:35:20,200

fantastic it's a bit more informal and

852

00:35:22,840 --> 00:35:21,110

it's just a sort

853

00:35:24,820 --> 00:35:22,850

the traditional skeptics in the pub kind

854

00:35:27,840 --> 00:35:24,830

of thing which is great which has been

855

00:35:30,760 --> 00:35:27,850

very successful here in Sydney for I

856

00:35:33,190 --> 00:35:30,770

seem to remember six or seven years now

857

00:35:35,620 --> 00:35:33,200

probably about six years really

858

00:35:37,690 --> 00:35:35,630

successful for getting people together

859

00:35:39,970 --> 00:35:37,700

in Sydney and we've made some great new

860

00:35:41,680 --> 00:35:39,980

friends let me tell you sir great new

861

00:35:43,500 --> 00:35:41,690

skeptics sorry richard has it really

862

00:35:47,310 --> 00:35:43,510

been gone the going all for that long

863

00:35:50,500 --> 00:35:47,320

yeah well yeah the funny thing is that

864

00:35:52,060 --> 00:35:50,510

well I was the founder of skeptics in

865

00:35:54,040 --> 00:35:52,070

the pub in Sydney and I'm trying to

866

00:35:55,720 --> 00:35:54,050

scratch through records and think to

867

00:35:59,700 --> 00:35:55,730

find out when I actually started it but

868

00:36:01,990 --> 00:35:59,710

I'm Bobby whiskey attempted but I'm

869

00:36:04,920 --> 00:36:02,000

guessing it's about six years ago

870

00:36:07,990 --> 00:36:04,930

something like that time really flies

871

00:36:09,700 --> 00:36:08,000

but another person of course known to

872

00:36:12,430 --> 00:36:09,710

our audience from a few weeks ago postie

873

00:36:14,350 --> 00:36:12,440

Lindley postie Lindley was that Tam of

874

00:36:16,630 --> 00:36:14,360

course yeah and she joined us for the

875

00:36:18,220 --> 00:36:16,640

Melbourne think tank a few weeks ago it

876

00:36:21,310 --> 00:36:18,230

must have been really fun for you to go

877

00:36:23,200 --> 00:36:21,320

along to the to the first skeptics in

878

00:36:24,790 --> 00:36:23,210

the pub yeah I got to get out of the

879

00:36:29,020 --> 00:36:24,800

house and not have to go to work for

880

00:36:31,270 --> 00:36:29,030

once but I'm going to go out and

881

00:36:33,610 --> 00:36:31,280

actually meet people and finally have a

882

00:36:35,830 --> 00:36:33,620

meet up at a pub the other ones usually

883

00:36:37,930 --> 00:36:35,840

at a cafe and that's quite good I agree

884

00:36:40,210 --> 00:36:37,940

i think it pubs better than a cafe are

885

00:36:41,950 --> 00:36:40,220

not because you can drink the alcohol

886

00:36:43,360 --> 00:36:41,960

but it's a different atmosphere I think

887

00:36:45,430 --> 00:36:43,370

you'd have to say the alcohol helps

888

00:36:47,320 --> 00:36:45,440

that's that's great me and you are a

889

00:36:49,060 --> 00:36:47,330

real post eng you really deliver letters

890

00:36:53,080 --> 00:36:49,070

and parcels to be yeah and then they

891

00:36:54,910 --> 00:36:53,090

said I've already passed out one sir I

892

00:36:56,980 --> 00:36:54,920

was rushing to work to get a Slurpee

893

00:37:00,280 --> 00:36:56,990

yesterday and they've got a while Barry

894

00:37:05,710 --> 00:37:00,290

slurpee so I was excited is so good if

895

00:37:09,010 --> 00:37:05,720

that is it's mine that need you pass out

896

00:37:11,110 --> 00:37:09,020

on the postie bike yeah pretty much I

897

00:37:13,300 --> 00:37:11,120

was delivering and it was just too too

898

00:37:20,590 --> 00:37:13,310

much heat to heat exhaustion that was

899

00:37:24,070 --> 00:37:20,600

just when you're delivering slurpees all

900

00:37:29,560 --> 00:37:24,080

sense can you deliver a slurpee to me I

901
00:37:32,110 --> 00:37:29,570
would yeah all snippy's all r and thank

902
00:37:33,550 --> 00:37:32,120
you now what what's so what was the

903
00:37:34,690 --> 00:37:33,560
order of events of this very first

904
00:37:36,730 --> 00:37:34,700
meeting of the pub and we

905
00:37:39,339 --> 00:37:36,740
pub was it by the way for our listeners

906
00:37:41,980 --> 00:37:39,349
it was at the james squire brew house

907
00:37:43,780 --> 00:37:41,990
which is in Docklands if you don't know

908
00:37:45,460 --> 00:37:43,790
Melbourne there's kind of a waterfront

909
00:37:47,040 --> 00:37:45,470
area that was built you know sort of a

910
00:37:48,970 --> 00:37:47,050
few years ago and it's this massive

911
00:37:51,579 --> 00:37:48,980
multi-million dollar facility and it

912
00:37:53,410 --> 00:37:51,589
turns out that no one goes there I was

913
00:37:55,870 --> 00:37:53,420

there last Friday afternoon and there's

914

00:37:58,150 --> 00:37:55,880

just no one around but there's this

915

00:37:59,650 --> 00:37:58,160

great pub which is a couple is one and I

916

00:38:02,230 --> 00:37:59,660

believe this one in Sydney as well the

917

00:38:04,329 --> 00:38:02,240

james squire brewhouse everyone's James

918

00:38:05,920 --> 00:38:04,339

climb a call there be that is sold

919

00:38:08,530 --> 00:38:05,930

around Australia but they have a sort of

920

00:38:10,510 --> 00:38:08,540

a few venues as well with and um there's

921

00:38:12,400 --> 00:38:10,520

two specific ones in Melbourne and this

922

00:38:13,720 --> 00:38:12,410

is the the newer of the two so it's just

923

00:38:16,450 --> 00:38:13,730

been renovated just been decked out

924

00:38:19,780 --> 00:38:16,460

fantastic view of the water and the sort

925

00:38:21,490 --> 00:38:19,790

of waterfront city area really really

926

00:38:22,980 --> 00:38:21,500

fantastic and it was it was practically

927

00:38:24,940 --> 00:38:22,990

empty when we were there so I think the

928

00:38:26,560 --> 00:38:24,950

manager was impressed that we managed to

929

00:38:28,750 --> 00:38:26,570

drag 40 people in there who all had a

930

00:38:30,880 --> 00:38:28,760

feed and half a dozen drinks each I

931

00:38:32,920 --> 00:38:30,890

think he was pretty stoked other fish so

932

00:38:35,200 --> 00:38:32,930

crazy hopefully that means we can use

933

00:38:39,430 --> 00:38:35,210

the venue again exactly it's a great

934

00:38:41,200 --> 00:38:39,440

venue for it so what's the idea with the

935

00:38:43,059 --> 00:38:41,210

the skeptics in the pub down there

936

00:38:45,099 --> 00:38:43,069

really is it just a chance for people to

937

00:38:46,690 --> 00:38:45,109

get together and socialize or do you

938

00:38:50,200 --> 00:38:46,700

think you might as we do in sydney now

939

00:38:51,760 --> 00:38:50,210

have a speaker every month look it's

940

00:38:53,349 --> 00:38:51,770

definitely a possibility I mean I'm

941

00:38:55,120 --> 00:38:53,359

quite keen to leave it really really

942

00:38:56,260 --> 00:38:55,130

open to just sort of people can have

943

00:38:58,319 --> 00:38:56,270

whatever they want and I said that to

944

00:39:01,630 --> 00:38:58,329

everyone last night so if not before

945

00:39:03,309 --> 00:39:01,640

that that you know you you've got to

946

00:39:04,839 --> 00:39:03,319

tell me what you want and I'll sort of

947

00:39:06,550 --> 00:39:04,849

put it together if you wanna have a

948

00:39:07,660 --> 00:39:06,560

speaker every month we can do that you

949

00:39:10,540 --> 00:39:07,670

know if there's someone famous in town

950

00:39:12,819 --> 00:39:10,550

like I don't know dr. rachey maybe hint

951

00:39:15,520 --> 00:39:12,829

hint we can do that but otherwise it'll

952

00:39:17,319 --> 00:39:15,530

just be a social occasion oh now that's

953

00:39:20,829 --> 00:39:17,329

a good idea I think we should organize

954

00:39:22,480 --> 00:39:20,839

for dr. rates you to fly down and do a

955

00:39:26,710 --> 00:39:22,490

talk at one of your skeptics in the pub

956

00:39:31,809 --> 00:39:26,720

I think should be a big hit the like

957

00:39:34,450 --> 00:39:31,819

boys he ought to shut up there well I

958

00:39:35,980 --> 00:39:34,460

think that our God rizal was there is

959

00:39:38,020 --> 00:39:35,990

already the sort of the formal thing

960

00:39:40,359 --> 00:39:38,030

with the Victorian skeptics I think do

961

00:39:42,670 --> 00:39:40,369

that they have a speaker each month or

962

00:39:44,740 --> 00:39:42,680

whatever um which is also very good I

963

00:39:46,750 --> 00:39:44,750

think I like the idea of having the

964

00:39:48,580 --> 00:39:46,760

informal thing which is like I tweeted

965

00:39:50,800 --> 00:39:48,590

beforehand it was like Tam

966

00:39:52,680 --> 00:39:50,810

but without the lectures and the

967

00:39:55,510 --> 00:39:52,690

speakers and workshops in there right

968

00:39:58,630 --> 00:39:55,520

right now I think what you people are

969

00:40:00,220 --> 00:39:58,640

doing is is really inspiring people all

970

00:40:01,780 --> 00:40:00,230

around the world who are hearing this to

971

00:40:04,120 --> 00:40:01,790

think to themselves well why don't we

972

00:40:05,680 --> 00:40:04,130

have a skeptics in the pub how hard was

973

00:40:08,590 --> 00:40:05,690

it Chris to pull all this together it

974

00:40:10,300 --> 00:40:08,600

was not hard at all it was literally

975

00:40:12,400 --> 00:40:10,310

just a case of putting up a facebook

976

00:40:14,950 --> 00:40:12,410

event putting up a website i'm at my web

977

00:40:16,960 --> 00:40:14,960

designer anyway so that was easy and

978

00:40:17,950 --> 00:40:16,970

yeah 40 people turned up you know the

979

00:40:19,900 --> 00:40:17,960

only people that I really knew

980

00:40:22,660 --> 00:40:19,910

beforehand were where Matt Lindley and

981

00:40:24,040 --> 00:40:22,670

Lucas was a few other places I

982

00:40:25,540 --> 00:40:24,050

recognized but apart from that everyone

983

00:40:29,320 --> 00:40:25,550

just turned up from word of mouth which

984

00:40:32,500 --> 00:40:29,330

was great and and a matchup in Edward of

985

00:40:35,020 --> 00:40:32,510

Twitter of course of course yeah twitter

986

00:40:38,620 --> 00:40:35,030

as well yay for Twitter healthy you know

987

00:40:39,970 --> 00:40:38,630

the amazing thing was on the night there

988

00:40:42,240 --> 00:40:39,980

was anything about 24 people who

989

00:40:44,620 --> 00:40:42,250

actually responded to the facebook event

990

00:40:46,570 --> 00:40:44,630

but on the night quite a few people's

991

00:40:48,700 --> 00:40:46,580

aren't spoken to said oh you know i'm on

992

00:40:50,530 --> 00:40:48,710

twitter and also and so was going to

993

00:40:52,240 --> 00:40:50,540

this enough at all you know might be

994

00:40:55,870 --> 00:40:52,250

worth chicken and i'm having a great

995

00:40:57,580 --> 00:40:55,880

time dada sir also necessarily people

996

00:41:01,000 --> 00:40:57,590

who saw her facebook and it's just tied

997

00:41:04,060 --> 00:41:01,010

back into what Kieran was a cure and who

998

00:41:07,330 --> 00:41:04,070

said about Twitter yes it was ah I've

999

00:41:10,270 --> 00:41:07,340

got a right just tie back in with how

1000

00:41:12,460 --> 00:41:10,280

powerful twitter is as as a medium for

1001
00:41:14,320 --> 00:41:12,470
disseminating all that information EG

1002
00:41:16,630 --> 00:41:14,330
put it on twitter everyone will see it

1003
00:41:18,610 --> 00:41:16,640
i'll get passed on so i reckon that

1004
00:41:21,210 --> 00:41:18,620
really works i reckon that almost

1005
00:41:23,230 --> 00:41:21,220
doubled the number i agree yeah

1006
00:41:25,630 --> 00:41:23,240
absolutely i think you're absolutely

1007
00:41:28,750 --> 00:41:25,640
right yes I can't help to agree with you

1008
00:41:30,400 --> 00:41:28,760
and of course the Twitter that everybody

1009
00:41:32,380 --> 00:41:30,410
listening to the skeptic zone especially

1010
00:41:36,730 --> 00:41:32,390
those in Melbourne Victoria should add

1011
00:41:39,040 --> 00:41:36,740
to their list is at Mel Burke's and of

1012
00:41:40,690 --> 00:41:39,050
the website that everybody in Victoria

1013
00:41:44,080 --> 00:41:40,700

and Melbourne should run and bookmark

1014

00:41:47,020 --> 00:41:44,090

straightaway is Melbourne skeptics calm

1015

00:41:50,350 --> 00:41:47,030

I you spelt the the skeptical way with a

1016

00:41:52,930 --> 00:41:50,360

que oh you may be sol acclaim yeah

1017

00:41:54,730 --> 00:41:52,940

shameless cross-promotion there there's

1018

00:41:56,530 --> 00:41:54,740

a Facebook page as well which is just

1019

00:41:58,450 --> 00:41:56,540

facebook.com slash Melbourne skeptics

1020

00:42:00,370 --> 00:41:58,460

that's great now when's the next time

1021

00:42:02,089 --> 00:42:00,380

when's the next time we can rush down to

1022

00:42:04,519 --> 00:42:02,099

Melbourne rush to the pub

1023

00:42:06,170 --> 00:42:04,529

and have a few cold ones with you yeah

1024

00:42:09,769 --> 00:42:06,180

Chris when's the next one on the prisons

1025

00:42:12,259 --> 00:42:09,779

where the next one yes every 28 the next

1026

00:42:13,609 --> 00:42:12,269

yeah okay I'm on but so they're 28 the

1027

00:42:18,229 --> 00:42:13,619

februari the events going to happen on

1028

00:42:19,969 --> 00:42:18,239

the fourth monday of every month so yeah

1029

00:42:21,349 --> 00:42:19,979

28 next month then all the dates are up

1030

00:42:22,969 --> 00:42:21,359

on the website if you go to the skeptics

1031

00:42:24,259 --> 00:42:22,979

in the pub page on the Melbourne

1032

00:42:27,739 --> 00:42:24,269

skeptics website you can see all the

1033

00:42:28,999 --> 00:42:27,749

dates for 2011 see and if you're too if

1034

00:42:30,650 --> 00:42:29,009

you're too keen to wait for that of

1035

00:42:31,999 --> 00:42:30,660

course the Melbourne ease and he'll

1036

00:42:33,979 --> 00:42:32,009

skeptics in the pub begins on the

1037

00:42:35,539 --> 00:42:33,989

fifteenth of every and then we'll be

1038

00:42:39,170 --> 00:42:35,549

meeting on the second monday of every

1039

00:42:40,940 --> 00:42:39,180

month out sat at knox field i think our

1040

00:42:43,279 --> 00:42:40,950

goal is to have a skeptics in the pub

1041

00:42:44,660 --> 00:42:43,289

every night of the week somewhere but

1042

00:42:48,069 --> 00:42:44,670

you must come to this one because they

1043

00:42:50,660 --> 00:42:48,079

serve a big pharma Palmer oh yeah in the

1044

00:42:53,859 --> 00:42:50,670

Bandidos a picture of me eating my big

1045

00:42:57,109 --> 00:42:53,869

pharma Palmer I'm a big timer shell yep

1046

00:42:59,719 --> 00:42:57,119

polisher even steve roberts had a nice

1047

00:43:01,729 --> 00:42:59,729

big charmer Palmer too he did yes no

1048

00:43:04,370 --> 00:43:01,739

lynly for those people listening overs

1049

00:43:07,400 --> 00:43:04,380

overseas can you explain a big pharma

1050

00:43:09,430 --> 00:43:07,410

Palmer oh it had um Pam it was a chicken

1051
00:43:13,160 --> 00:43:09,440
chicken big chicken with cheese and

1052
00:43:16,370 --> 00:43:13,170
sauce with a bacon and eggs on top i

1053
00:43:18,769 --> 00:43:16,380
think it was absolutely enormous it was

1054
00:43:21,229 --> 00:43:18,779
huge it was like a there's the full

1055
00:43:25,009 --> 00:43:21,239
foghorn leghorn chicken here look like

1056
00:43:26,809 --> 00:43:25,019
tasty too faster well look don't be

1057
00:43:29,120 --> 00:43:26,819
surprised if half the skipping zone now

1058
00:43:33,380 --> 00:43:29,130
come down to the next ccd that's all you

1059
00:43:35,299 --> 00:43:33,390
want comes it a bigger pub we got a new

1060
00:43:38,150 --> 00:43:35,309
years that's right I'm sure dr. a cheese

1061
00:43:40,940 --> 00:43:38,160
is is the most interested to visit your

1062
00:43:43,249 --> 00:43:40,950
pub now to give a talk and maybe you

1063
00:43:46,279 --> 00:43:43,259

haven't tried the big Palmer the Big

1064

00:43:49,180 --> 00:43:46,289

Pharma lovely but listen thank you all

1065

00:43:51,499 --> 00:43:49,190

very much for jumping on skype with me

1066

00:43:53,749 --> 00:43:51,509

everybody in Melbourne if you're of a

1067

00:43:56,180 --> 00:43:53,759

skeptical mind this is the place for you

1068

00:43:58,609 --> 00:43:56,190

to be a great opportunity to meet

1069

00:44:00,650 --> 00:43:58,619

like-minded people have a big pharma

1070

00:44:03,799 --> 00:44:00,660

Palmer a couple of beers and a really

1071

00:44:06,170 --> 00:44:03,809

good time so MiLB skeptics thank you

1072

00:44:13,170 --> 00:44:06,180

very much thank you thank you thank you

1073

00:44:17,259 --> 00:44:15,849

hey you skeptics I have some to share

1074

00:44:19,329 --> 00:44:17,269

with you I've got something that's going

1075

00:44:20,529 --> 00:44:19,339

to get all you soft dicks to stop

1076

00:44:23,440 --> 00:44:20,539

ignoring the truth that's right in front

1077

00:44:25,029 --> 00:44:23,450

of your faces this is an EVP I recorded

1078

00:44:27,579 --> 00:44:25,039

last night there was no one else around

1079

00:44:29,920 --> 00:44:27,589

no other electronic equipment no other

1080

00:44:40,740 --> 00:44:29,930

explanation this was a voice from beyond

1081

00:44:40,750 --> 00:44:57,390

let me slow it down even slower slower

1082

00:45:03,640 --> 00:45:00,640

how you doing I'm a ghost I've

1083

00:45:05,499 --> 00:45:03,650

unfinished business what's up you guys

1084

00:45:08,980 --> 00:45:05,509

can't possibly ignore that type of it

1085

00:45:11,200 --> 00:45:08,990

you who are you are you doing my egg

1086

00:45:13,809 --> 00:45:11,210

hang I'm sorry but there are no spirits

1087

00:45:15,279 --> 00:45:13,819

trying to contact you EVPs are the

1088

00:45:17,289 --> 00:45:15,289

result of pareidolia I'm cross

1089

00:45:20,769 --> 00:45:17,299

modulation combined with the listeners

1090

00:45:22,839 --> 00:45:20,779

hopes and expectations and since when

1091

00:45:27,609 --> 00:45:22,849

the hell can you use the unknown to the

1092

00:45:32,680 --> 00:45:27,619

unknown this have to do with science you

1093

00:45:38,030 --> 00:45:32,690

just got skeptically food well go see

1094

00:45:55,250 --> 00:45:41,760

skeptically pawn shop we're all playing

1095

00:46:00,980 --> 00:45:58,050

thank you for listening to the skeptic

1096

00:46:03,450 --> 00:46:00,990

zone I found Maenads interview this week

1097

00:46:05,580 --> 00:46:03,460

very disturbing I must say and

1098

00:46:08,550 --> 00:46:05,590

congratulations to those Melbourne

1099

00:46:10,890 --> 00:46:08,560

skeptics for a such a great initiative

1100

00:46:12,570 --> 00:46:10,900

and I hope to visit in fact I think the

1101
00:46:14,610 --> 00:46:12,580
whole skeptic zone team will have to

1102
00:46:16,800 --> 00:46:14,620
make sure we go down and visit you guys

1103
00:46:19,650 --> 00:46:16,810
in Melbourne at your Melbourne skeptics

1104
00:46:21,600 --> 00:46:19,660
in the pub if there's a pretty cheap

1105
00:46:24,720 --> 00:46:21,610
these days I think yeah sounds good to

1106
00:46:26,850 --> 00:46:24,730
me now in the past week past couple of

1107
00:46:30,510 --> 00:46:26,860
weeks I've really seen how skeptic zone

1108
00:46:32,790 --> 00:46:30,520
fans can leap into action first of all I

1109
00:46:36,200 --> 00:46:32,800
want to thank everybody who contributed

1110
00:46:39,600 --> 00:46:36,210
to the new microphone for dr. Reggie a

1111
00:46:43,620 --> 00:46:39,610
big thank you to listen at ruvolo who

1112
00:46:45,810 --> 00:46:43,630
contributed quite a decent amount all of

1113
00:46:48,420 --> 00:46:45,820

your efforts combined mean that the new

1114

00:46:51,570 --> 00:46:48,430

microphone for dr. Richie is on the way

1115

00:46:53,850 --> 00:46:51,580

as I speak fantastic she can't wait to

1116

00:46:56,490 --> 00:46:53,860

get it and I'm sure her dr. Reggie

1117

00:46:58,820 --> 00:46:56,500

reports segments will sound even better

1118

00:47:01,350 --> 00:46:58,830

than they did before if that's possible

1119

00:47:04,070 --> 00:47:01,360

also thank you to all the listeners who

1120

00:47:06,810 --> 00:47:04,080

wrote in with your comments about our

1121

00:47:10,520 --> 00:47:06,820

interview last week maynards interview

1122

00:47:12,810 --> 00:47:10,530

with Jessica Adams the astrologer I

1123

00:47:15,390 --> 00:47:12,820

really didn't need to say anything at

1124

00:47:17,190 --> 00:47:15,400

all you people you know your arguments

1125

00:47:18,780 --> 00:47:17,200

you know your logical fallacies your

1126

00:47:20,880 --> 00:47:18,790

contradictions you're pleased to

1127

00:47:23,130 --> 00:47:20,890

Authority and all the rest of it if you

1128

00:47:25,560 --> 00:47:23,140

want to see what other people said or

1129

00:47:27,090 --> 00:47:25,570

thought about the interview with Jessica

1130

00:47:30,650 --> 00:47:27,100

Adams and her points of view about

1131

00:47:34,650 --> 00:47:30,660

astrology defending astrology head to ww

1132

00:47:38,790 --> 00:47:34,660

skeptics on TV and click the comments

1133

00:47:43,260 --> 00:47:38,800

link for episode 119 it makes for

1134

00:47:48,510 --> 00:47:43,270

fascinating reading oh yes I almost

1135

00:47:51,000 --> 00:47:48,520

forgot happy birthday Stefan Soyka so

1136

00:47:53,160 --> 00:47:51,010

until next week this is Richard Saunders

1137

00:47:58,940 --> 00:47:53,170

signing off from the middle of a heat

1138

00:48:06,300 --> 00:48:01,349

you've been listening to the skeptic

1139

00:48:10,109 --> 00:48:06,310

zone visit our website at www.skeptic