

Episode 540

THE
**SKEPTIC
ZONE**
PODCAST

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The Skeptic Zone Podcast



John Cunningham OAM

Episode 540 - 24 Feb 2019

Chiropractor “treats” baby

Dr John Cunningham OAM
Views on Chiropractic

Chiro v G.P

Maynard at Pill Testing rally

Australian Skeptics statement on
“Gay Conversion Therapy”

1
00:00:11,910 --> 00:00:09,110
welcome to the skeptic zone the podcast

2
00:00:23,269 --> 00:00:11,920
from Australia for science and reason

3
00:00:26,429 --> 00:00:23,279
[Music]

4
00:00:31,229 --> 00:00:26,439
yes the skeptic zone podcast episode

5
00:00:33,720 --> 00:00:31,239
number 540 you know that's a that's

6
00:00:37,799 --> 00:00:33,730
quite an effort even if I do say so

7
00:00:39,780 --> 00:00:37,809
myself but but my friends Gio George

8
00:00:43,860 --> 00:00:39,790
Robert the geologic podcast just

9
00:00:47,270 --> 00:00:43,870
released episode 600 congratulations

10
00:00:50,399 --> 00:00:47,280
George Rob what a guy what a fantastic

11
00:00:53,310 --> 00:00:50,409
podcaster you are a great musician and a

12
00:00:55,110 --> 00:00:53,320
good and dear friend and it's really

13
00:00:57,020 --> 00:00:55,120

nice to have you as a colleague and to

14

00:01:03,650 --> 00:00:57,030

meet you occasionally around the world

15

00:01:10,859 --> 00:01:06,029

but getting back to the skeptics in

16

00:01:12,570 --> 00:01:10,869

episode 544 the 23rd of February 2019

17

00:01:15,270 --> 00:01:12,580

which had Saunders here with you from

18

00:01:18,600 --> 00:01:15,280

Sydney Australia today's weather report

19

00:01:21,260 --> 00:01:18,610

overcast and a bit of rain coming up on

20

00:01:23,460 --> 00:01:21,270

this week's show now you may remember

21

00:01:25,800 --> 00:01:23,470

about three years ago there was a

22

00:01:30,179 --> 00:01:25,810

chiropractor here in Australia in hot

23

00:01:32,789 --> 00:01:30,189

water for treating a baby and the baby

24

00:01:35,600 --> 00:01:32,799

was seen in a video to be in discomfort

25

00:01:39,530 --> 00:01:35,610

and distress as the chiropractor

26

00:01:41,760 --> 00:01:39,540

manipulated this baby's back well its

27

00:01:43,950 --> 00:01:41,770

history repeating itself another

28

00:01:49,980 --> 00:01:43,960

chiropractor has been busted treating a

29

00:01:53,429 --> 00:01:49,990

two week old baby using a bizarre device

30

00:01:55,380 --> 00:01:53,439

called an activator and we're going to

31

00:01:57,600 --> 00:01:55,390

be looking at this device and looking at

32

00:02:00,170 --> 00:01:57,610

the issue today on the sceptic zone

33

00:02:03,060 --> 00:02:00,180

talking about chiropractic with a news

34

00:02:06,120 --> 00:02:03,070

immediate report about this chiropractor

35

00:02:09,539 --> 00:02:06,130

you'll hear the audio from the video and

36

00:02:11,280 --> 00:02:09,549

we talked to dr. John Cunningham who has

37

00:02:14,520 --> 00:02:11,290

received the order of Australia and

38

00:02:16,650 --> 00:02:14,530

quoting from his website has committed

39

00:02:18,930 --> 00:02:16,660

his professional life to the treatment

40

00:02:20,880 --> 00:02:18,940

of patients with spinal disorders his

41

00:02:23,729 --> 00:02:20,890

opinion and knowledge of spinal

42

00:02:26,910 --> 00:02:23,739

disorders especially those of the aging

43

00:02:30,390 --> 00:02:26,920

spine spinal trauma and spinal imbalance

44

00:02:34,140 --> 00:02:30,400

are respected worldwide now John will

45

00:02:36,479 --> 00:02:34,150

talk to us a bit later on with his views

46

00:02:38,699 --> 00:02:36,489

on this chiropractor and chiropractic

47

00:02:40,679 --> 00:02:38,709

treatment and after that interview I

48

00:02:41,970 --> 00:02:40,689

read from the skeptic magazine a report

49

00:02:45,660 --> 00:02:41,980

done a couple of years ago by Tim

50

00:02:46,800 --> 00:02:45,670

Mendham comparing what chiropractors

51
00:02:49,380 --> 00:02:46,810
have to go through for their

52
00:02:51,809 --> 00:02:49,390
professional training compared to GPS

53
00:02:53,610 --> 00:02:51,819
with a contribution by dr. John

54
00:02:55,530 --> 00:02:53,620
Cunningham so the first part of this

55
00:02:59,220 --> 00:02:55,540
week's show is given over to

56
00:03:00,960 --> 00:02:59,230
chiropractic and after that we have

57
00:03:03,449 --> 00:03:00,970
Maynard spooky action

58
00:03:05,729 --> 00:03:03,459
Maynard does a follow up to the report

59
00:03:07,589 --> 00:03:05,739
that Trish Han did all about three or

60
00:03:11,160 --> 00:03:07,599
four weeks ago where she interviewed dr.

61
00:03:13,440 --> 00:03:11,170
Brad Makai about pill testing this is

62
00:03:16,979 --> 00:03:13,450
where there's a movement here in this

63
00:03:20,520 --> 00:03:16,989

state New South Wales to have pills

64

00:03:22,890 --> 00:03:20,530

tested at music festivals so when people

65

00:03:26,490 --> 00:03:22,900

who buy drugs for whatever reason and

66

00:03:29,280 --> 00:03:26,500

people do go along to these outdoor

67

00:03:31,170 --> 00:03:29,290

festivals or indoor festivals and a

68

00:03:33,449 --> 00:03:31,180

prone to take a pill well at least

69

00:03:34,920 --> 00:03:33,459

there's a movement afoot to have these

70

00:03:38,250 --> 00:03:34,930

pills tested to see if they have

71

00:03:38,729 --> 00:03:38,260

poisonous or at least could do great

72

00:03:41,039 --> 00:03:38,739

harm

73

00:03:44,099 --> 00:03:41,049

now main out a couple of days ago

74

00:03:46,530 --> 00:03:44,109

attended a talk a meeting on this

75

00:03:48,150 --> 00:03:46,540

subject he catches up with Shane green

76
00:03:50,670 --> 00:03:48,160
up an old friend of the skeptic zone who

77
00:03:54,349 --> 00:03:50,680
was there another speaker by the name of

78
00:03:58,470 --> 00:03:54,359
Sophie who has a very personal and

79
00:04:00,500 --> 00:03:58,480
relevant story to relate and also dr.

80
00:04:04,469 --> 00:04:00,510
Alex Ward act who is an advocate for

81
00:04:06,569 --> 00:04:04,479
pill testing at festivals and just to

82
00:04:09,449 --> 00:04:06,579
make it absolutely clear the skeptic

83
00:04:12,629 --> 00:04:09,459
zone is not repeat not advocating the

84
00:04:15,000 --> 00:04:12,639
taking of any illegal drugs at festivals

85
00:04:18,080 --> 00:04:15,010
or anywhere else however this is a

86
00:04:21,000 --> 00:04:18,090
relevant issue and it relies heavily on

87
00:04:22,620 --> 00:04:21,010
science and getting to the facts so I

88
00:04:24,779 --> 00:04:22,630

think it's a topic well worth covering

89

00:04:27,420 --> 00:04:24,789

then to round off the show I read a

90

00:04:30,149 --> 00:04:27,430

press statement a position statement by

91

00:04:33,420 --> 00:04:30,159

the Australian skeptics Inc about gay

92

00:04:38,240 --> 00:04:33,430

conversion therapy and moves in the

93

00:04:41,490 --> 00:04:38,250

state of Victoria to ban this bizarre

94

00:04:43,320 --> 00:04:41,500

controversial therapy let's right at the

95

00:04:46,110 --> 00:04:43,330

end of the show stay tuned

96

00:04:49,260 --> 00:04:46,120

do you stay tuned on a podcast

97

00:04:52,920 --> 00:04:49,270

do you stay it's a term that it's going

98

00:04:55,080 --> 00:04:52,930

to be around for years and decades after

99

00:04:58,170 --> 00:04:55,090

its original meaning has been lost stay

100

00:05:01,320 --> 00:04:58,180

tuned I mean we use lots of terms in

101
00:05:03,230 --> 00:05:01,330
modern language from centuries ago so

102
00:05:04,590 --> 00:05:03,240
maybe stay tuned we'll be one of them

103
00:05:06,870 --> 00:05:04,600
hmm

104
00:05:09,450 --> 00:05:06,880
stay tuned at the end of the show for

105
00:05:11,280 --> 00:05:09,460
more announcements from me but now it's

106
00:05:17,950 --> 00:05:11,290
time for me to run downstairs where are

107
00:05:24,060 --> 00:05:19,550
[Music]

108
00:05:25,890 --> 00:05:24,070
nothing I think they've got better

109
00:05:28,440 --> 00:05:25,900
things to do time for me to run

110
00:05:30,180 --> 00:05:28,450
downstairs have a nice cup of black

111
00:05:32,700 --> 00:05:30,190
coffee I'm trying black coffee for a

112
00:05:35,400 --> 00:05:32,710
while might help the old vocal cords

113
00:05:36,680 --> 00:05:35,410

while I do that I hope you enjoy the

114

00:05:43,960 --> 00:05:36,690

skeptic zone

115

00:05:56,510 --> 00:05:43,970

[Music]

116

00:06:02,670 --> 00:05:59,280

making news here in Australia over the

117

00:06:04,280 --> 00:06:02,680

last week has been the story of a

118

00:06:08,240 --> 00:06:04,290

chiropractor in the state of Victoria

119

00:06:13,860 --> 00:06:08,250

who had himself filmed treating a two

120

00:06:16,860 --> 00:06:13,870

week old baby the video has gone viral

121

00:06:19,980 --> 00:06:16,870

with people being shocked and outraged

122

00:06:24,290 --> 00:06:19,990

by what they have seen now the video is

123

00:06:26,730 --> 00:06:24,300

very short but here's the audio from it

124

00:06:29,670 --> 00:06:26,740

the next the way the poet talked about

125

00:06:32,360 --> 00:06:29,680

okay alright so then maybe if you hold

126

00:06:35,910 --> 00:06:32,370

here I'm gonna hold I'm locking in here

127

00:06:39,090 --> 00:06:35,920

and Kelly alright so I'm just gonna go

128

00:06:40,410 --> 00:06:39,100

upside down for a second yeah yeah we go

129

00:06:42,720 --> 00:06:40,420

back down just hold his head thanks

130

00:06:46,260 --> 00:06:42,730

spinner perfect now we're gonna go on to

131

00:06:48,330 --> 00:06:46,270

this side and then again if you can just

132

00:06:50,220 --> 00:06:48,340

hold him there we're gonna use the

133

00:06:52,020 --> 00:06:50,230

activator on the lowest setting I'm

134

00:06:55,920 --> 00:06:52,030

going to show you on your hand here so

135

00:06:57,210 --> 00:06:55,930

it's that okay that that's the lowest

136

00:07:09,260 --> 00:06:57,220

freeing we're gonna put that on the side

137

00:07:13,470 --> 00:07:12,630

in that video the chiropractor and drew

138

00:07:16,860 --> 00:07:13,480

Arnold

139

00:07:19,710 --> 00:07:16,870

at one stage held the tiny baby upside

140

00:07:22,230 --> 00:07:19,720

down by its feet and then proceeded to

141

00:07:24,900 --> 00:07:22,240

use what chiropractors call an activator

142

00:07:26,640 --> 00:07:24,910

which is an bizarre looking instrument

143

00:07:30,780 --> 00:07:26,650

sort of like Doctor Who's sonic

144

00:07:33,510 --> 00:07:30,790

screwdriver with the handles to tap or

145

00:07:35,820 --> 00:07:33,520

send impulses into the baby that's when

146

00:07:39,030 --> 00:07:35,830

the baby started crying we pick up the

147

00:07:41,100 --> 00:07:39,040

story here from Caitlin offer the

148

00:07:43,790 --> 00:07:41,110

Australian Associated Press has

149

00:07:46,050 --> 00:07:43,800

published at news calm today.you

150

00:07:48,750 --> 00:07:46,060

chiropractor banned from treating

151

00:07:51,060 --> 00:07:48,760

children after controversial work on

152

00:07:53,220 --> 00:07:51,070

baby a Melbourne chiropractor who

153

00:07:55,380 --> 00:07:53,230

treated a newborn baby in a

154

00:07:57,300 --> 00:07:55,390

Erol video has been banned from working

155

00:08:00,840 --> 00:07:57,310

on young children while he's

156

00:08:03,870 --> 00:08:00,850

investigated this story was published on

157

00:08:06,330 --> 00:08:03,880

the 21st of February a Melbourne

158

00:08:09,660 --> 00:08:06,340

chiropractor filmed manipulating a two

159

00:08:12,390 --> 00:08:09,670

week old boy must not treat children

160

00:08:16,320 --> 00:08:12,400

under 12 while he is investigated by

161

00:08:19,440 --> 00:08:16,330

authorities andrew arnold was put on an

162

00:08:22,710 --> 00:08:19,450

undertaking by the chiropractic Board of

163

00:08:24,750 --> 00:08:22,720

Australia on Thursday quote I will not

164

00:08:27,330 --> 00:08:24,760

undertake any chiropractic treatment of

165

00:08:29,700 --> 00:08:27,340

children from birth to 12 years end

166

00:08:31,080 --> 00:08:29,710

quote the undertaking published on the

167

00:08:34,230 --> 00:08:31,090

Australian health practitioner

168

00:08:37,650 --> 00:08:34,240

regulation agency website reads quote I

169

00:08:40,530 --> 00:08:37,660

will not publish display promote or

170

00:08:43,170 --> 00:08:40,540

provide materials information or advice

171

00:08:45,600 --> 00:08:43,180

that relates to the assessment

172

00:08:48,270 --> 00:08:45,610

management or treatment of children from

173

00:08:50,940 --> 00:08:48,280

birth to 12 years including but not

174

00:08:54,390 --> 00:08:50,950

limited to the publication of material

175

00:08:57,180 --> 00:08:54,400

on social media blogs and or any other

176

00:08:58,620 --> 00:08:57,190

platform on the Internet in quote mr.

177

00:09:01,430 --> 00:08:58,630

Arnold will be the subject of an

178

00:09:04,140 --> 00:09:01,440

investigation by the agency and board

179

00:09:07,530 --> 00:09:04,150

Victorian Health Minister Jenny macaco

180

00:09:11,010 --> 00:09:07,540

said Ms makiko's yesterday cited the

181

00:09:13,980 --> 00:09:11,020

quote extremely disturbing end quote

182

00:09:18,960 --> 00:09:13,990

video after referring mr. Arnold to the

183

00:09:21,660 --> 00:09:18,970

national authorities and as an aside if

184

00:09:25,020 --> 00:09:21,670

you simply google Australian

185

00:09:28,890 --> 00:09:25,030

chiropractor baby or even chiropractor

186

00:09:31,980 --> 00:09:28,900

baby you probably easily find the video

187

00:09:35,640 --> 00:09:31,990

in question on Thursday she confirmed

188

00:09:37,650 --> 00:09:35,650

she had heard back from the AHPRA and

189

00:09:40,590 --> 00:09:37,660

the chiropractic Board of Australia

190

00:09:43,350 --> 00:09:40,600

quote they are investigating this matter

191

00:09:45,750 --> 00:09:43,360

and in fact I have invited them to meet

192

00:09:47,850 --> 00:09:45,760

with me and I will be meeting with both

193

00:09:50,810 --> 00:09:47,860

the chairperson of the chiropractic

194

00:09:53,670 --> 00:09:50,820

Board of Australia and the CEO of the

195

00:09:56,400 --> 00:09:53,680

AHPRA next weekend quote she told

196

00:09:58,680 --> 00:09:56,410

reporters quote I am concerned by this

197

00:10:00,840 --> 00:09:58,690

particular case but I also want to

198

00:10:02,810 --> 00:10:00,850

ensure there aren't other chiropractors

199

00:10:05,250 --> 00:10:02,820

around Australia who are similarly

200

00:10:07,050 --> 00:10:05,260

undertaking these types of practices

201
00:10:09,270 --> 00:10:07,060
it's very important

202
00:10:11,430 --> 00:10:09,280
the board does issue very clear advice

203
00:10:14,340 --> 00:10:11,440
to all chiropractors in Australia about

204
00:10:16,860 --> 00:10:14,350
the inherent risks associated with these

205
00:10:20,010 --> 00:10:16,870
types of practices end quote

206
00:10:22,140 --> 00:10:20,020
crane born family chiropractic has since

207
00:10:24,900 --> 00:10:22,150
shut down its Facebook page where the

208
00:10:26,970 --> 00:10:24,910
video is posted in August it also showed

209
00:10:29,250 --> 00:10:26,980
mr. Arnold using an instrument to

210
00:10:32,190 --> 00:10:29,260
deliver a controlled impulse on the

211
00:10:34,440 --> 00:10:32,200
baby's neck and back causing it to

212
00:10:36,870 --> 00:10:34,450
scream one of the baby's parents is

213
00:10:39,540 --> 00:10:36,880

believed to be off-camera as mr. Arnold

214

00:10:42,870 --> 00:10:39,550

talks through the consultation and warns

215

00:10:46,050 --> 00:10:42,880

quote he the baby is going to squawk a

216

00:10:48,570 --> 00:10:46,060

bit in quote mr. Arnold and the clinic

217

00:10:50,040 --> 00:10:48,580

have been contacted for comment the

218

00:10:52,620 --> 00:10:50,050

Royal Australian College of General

219

00:10:54,840 --> 00:10:52,630

Practitioners President Harry Ness Palin

220

00:10:58,230 --> 00:10:54,850

has called on government authorities to

221

00:11:00,240 --> 00:10:58,240

ban the practice quote the government

222

00:11:02,250 --> 00:11:00,250

must start looking at this very

223

00:11:03,930 --> 00:11:02,260

carefully and decide whether or not they

224

00:11:05,880 --> 00:11:03,940

think it is okay to perform this

225

00:11:07,620 --> 00:11:05,890

treatment on a baby in quote the

226

00:11:08,610 --> 00:11:07,630

chiropractic Board of Australia and the

227

00:11:12,060 --> 00:11:08,620

AHPRA

228

00:11:13,740 --> 00:11:12,070

have been contacted for comment now

229

00:11:16,910 --> 00:11:13,750

doing a little bit of digging around I

230

00:11:20,760 --> 00:11:16,920

came across the website of smart methods

231

00:11:23,910 --> 00:11:20,770

comte u Australia's home of activator

232

00:11:26,630 --> 00:11:23,920

this is the device in question if you go

233

00:11:28,830 --> 00:11:26,640

to that web page or you look search for

234

00:11:31,200 --> 00:11:28,840

chiropractic activator you see the

235

00:11:33,510 --> 00:11:31,210

device again it looks like some sort of

236

00:11:37,260 --> 00:11:33,520

weird sonic screwdriver with handles and

237

00:11:39,560 --> 00:11:37,270

the website states the activator method

238

00:11:42,210 --> 00:11:39,570

is one of the most widely researched

239

00:11:45,330 --> 00:11:42,220

chiropractic techniques and the only

240

00:11:47,540 --> 00:11:45,340

instrument adjusting technique with 23

241

00:11:50,610 --> 00:11:47,550

clinical trials to support its efficacy

242

00:11:53,220 --> 00:11:50,620

activator methods has published hundreds

243

00:11:55,980 --> 00:11:53,230

of clinical and scientific peer-reviewed

244

00:11:58,740 --> 00:11:55,990

papers worked with major academic

245

00:12:01,650 --> 00:11:58,750

research institutions and received

246

00:12:06,420 --> 00:12:01,660

grants from recognized entities like the

247

00:12:08,370 --> 00:12:06,430

USA's National Institutes of Health and

248

00:12:12,810 --> 00:12:08,380

having a quick look at their online

249

00:12:15,960 --> 00:12:12,820

store activator Australia the activator

250

00:12:20,549 --> 00:12:15,970

for easy grip chiropractic adjustment

251
00:12:24,569 --> 00:12:20,559
tool \$1,300

252
00:12:28,229 --> 00:12:24,579
it says in part the activator 4 or IV

253
00:12:30,809 --> 00:12:28,239
easy easy grip is especially designed

254
00:12:34,229 --> 00:12:30,819
for practitioners with smaller hands hmm

255
00:12:37,229 --> 00:12:34,239
the easy grip solution has a shorter

256
00:12:39,769 --> 00:12:37,239
reach between palm and finger pads which

257
00:12:43,489 --> 00:12:39,779
will give the leverage needed without

258
00:12:48,359 --> 00:12:43,499
undue hand strain oh isn't that nice at

259
00:12:51,349 --> 00:12:48,369
it's comfortable to use the base model

260
00:12:53,939 --> 00:12:51,359
as far as I can see the activator one

261
00:12:56,399 --> 00:12:53,949
chiropractic adjustment tool is a

262
00:13:01,469 --> 00:12:56,409
bargain at only four hundred and fifty

263
00:13:04,199 --> 00:13:01,479

dollars and on the page that says what

264

00:13:05,770 --> 00:13:04,209

activator do I need we find the

265

00:13:11,930 --> 00:13:05,780

following video

266

00:13:17,900 --> 00:13:15,620

hello I'm dr. Arlen for co-founder and

267

00:13:20,240 --> 00:13:17,910

developer of the activator method in

268

00:13:21,830 --> 00:13:20,250

nearly five decades the activator method

269

00:13:24,440 --> 00:13:21,840

has grown to become the world's number

270

00:13:26,240 --> 00:13:24,450

one instrument adjusting technique the

271

00:13:28,400 --> 00:13:26,250

mainstay of this gentle low force

272

00:13:30,230 --> 00:13:28,410

technique is the activator adjusting

273

00:13:32,710 --> 00:13:30,240

instrument which is supported by

274

00:13:35,720 --> 00:13:32,720

extensive research provides unparalleled

275

00:13:38,540 --> 00:13:35,730

reliability and produces superior

276

00:13:40,370 --> 00:13:38,550

results for patients why is the

277

00:13:42,130 --> 00:13:40,380

activator adjusting instrument preferred

278

00:13:44,510 --> 00:13:42,140

by chiropractors worldwide

279

00:13:46,700 --> 00:13:44,520

unlike other chiropractic adjusting

280

00:13:48,560 --> 00:13:46,710

instruments the patented design and

281

00:13:50,680 --> 00:13:48,570

engineering of the activator has been

282

00:13:53,720 --> 00:13:50,690

proven effective through clinical trials

283

00:13:56,540 --> 00:13:53,730

the instrument is made of quality sturdy

284

00:13:58,310 --> 00:13:56,550

materials including stainless steel and

285

00:14:00,860 --> 00:13:58,320

is covered by a one-year warranty the

286

00:14:02,870 --> 00:14:00,870

best in the industry an activator methis

287

00:14:04,670 --> 00:14:02,880

provides product liability coverage for

288

00:14:06,650 --> 00:14:04,680

doctors who use the activator adjusting

289

00:14:08,330 --> 00:14:06,660

instrument the activator adjusting

290

00:14:10,460 --> 00:14:08,340

instrument is available in several

291

00:14:13,850 --> 00:14:10,470

models to suit the varying needs of

292

00:14:15,890 --> 00:14:13,860

every chiropractor the activator 2 but I

293

00:14:18,500 --> 00:14:15,900

can't help thinking of something dr.

294

00:14:23,750 --> 00:14:18,510

Harriet Hall the Skip doc says about

295

00:14:25,340 --> 00:14:23,760

tooth fairy science it's like doing a

296

00:14:31,430 --> 00:14:25,350

scientific study on how the Tooth Fairy

297

00:14:36,270 --> 00:14:33,540

joining me now on the line from

298

00:14:38,310 --> 00:14:36,280

Melbourne is dr. John Cunningham from

299

00:14:40,590 --> 00:14:38,320

the Epworth Medical Center hello John

300

00:14:43,050 --> 00:14:40,600

and hello Richard how are you I'm very

301
00:14:44,940 --> 00:14:43,060
well now you've had a chance to see the

302
00:14:47,460 --> 00:14:44,950
video in question and you're familiar of

303
00:14:51,480 --> 00:14:47,470
the story of this chiropractor treating

304
00:14:54,330 --> 00:14:51,490
a two week old baby what were your

305
00:14:55,380 --> 00:14:54,340
impressions when you saw it the first

306
00:14:56,910 --> 00:14:55,390
thing that came to mind is the word

307
00:15:01,610 --> 00:14:56,920
unnecessary hmm

308
00:15:03,870 --> 00:15:01,620
there's absolutely nothing yeah that

309
00:15:06,750 --> 00:15:03,880
there is there is absolutely no evidence

310
00:15:09,240 --> 00:15:06,760
that treating babies particularly

311
00:15:12,780 --> 00:15:09,250
newborns with any sort of chiropractic

312
00:15:14,130 --> 00:15:12,790
care is is required I mean a newborn

313
00:15:15,780 --> 00:15:14,140

when they're when they come out of the

314

00:15:18,630 --> 00:15:15,790

womb they're they're absolutely gorgeous

315

00:15:22,020 --> 00:15:18,640

and perfect most of the time and they're

316

00:15:23,400 --> 00:15:22,030

really the most incredible organisms if

317

00:15:26,010 --> 00:15:23,410

you want to think it like that all they

318

00:15:28,350 --> 00:15:26,020

know to do is to grow and to live in to

319

00:15:31,620 --> 00:15:28,360

survive and to think that you can make

320

00:15:34,590 --> 00:15:31,630

them somehow better than perfect is is

321

00:15:36,420 --> 00:15:34,600

really quite concerning yeah and the

322

00:15:38,220 --> 00:15:36,430

baby in question certainly didn't I mean

323

00:15:40,830 --> 00:15:38,230

took my untrained I just look like a

324

00:15:43,530 --> 00:15:40,840

normal baby and it was very interesting

325

00:15:46,560 --> 00:15:43,540

because the chiropractor went about his

326

00:15:49,050 --> 00:15:46,570

business and I I don't know how to word

327

00:15:50,670 --> 00:15:49,060

this but it's as if he almost knew what

328

00:15:52,350 --> 00:15:50,680

he was doing we didn't you know

329

00:15:54,140 --> 00:15:52,360

according to his training he thought he

330

00:15:57,570 --> 00:15:54,150

was doing something or the right thing

331

00:16:00,630 --> 00:15:57,580

well you know they've got they've got a

332

00:16:04,290 --> 00:16:00,640

patter you know they've got the the

333

00:16:05,550 --> 00:16:04,300

keywords they use one thing that you

334

00:16:10,110 --> 00:16:05,560

know you could just drive a truck

335

00:16:12,660 --> 00:16:10,120

through was when he was pressing on the

336

00:16:15,000 --> 00:16:12,670

baby's sacrum and saying he's going to

337

00:16:16,170 --> 00:16:15,010

get the CSF flowing well you know

338

00:16:20,010 --> 00:16:16,180

there's two problems with that one is

339

00:16:22,800 --> 00:16:20,020

the CSF flows regardless hmm it's just

340

00:16:24,360 --> 00:16:22,810

part of life and secondly it flows the

341

00:16:28,080 --> 00:16:24,370

opposite way it flows from the head down

342

00:16:30,600 --> 00:16:28,090

to the sacrum and if there really is a

343

00:16:32,010 --> 00:16:30,610

problem with CSF flow and that's a

344

00:16:36,420 --> 00:16:32,020

medical condition called hydrocephalus

345

00:16:37,590 --> 00:16:36,430

and there is nothing that a chiropractor

346

00:16:39,990 --> 00:16:37,600

is going to be able to do for that

347

00:16:43,290 --> 00:16:40,000

condition so you know on three counts

348

00:16:45,030 --> 00:16:43,300

there the you know it is just it's a

349

00:16:47,939 --> 00:16:45,040

flawed treatment now

350

00:16:49,860 --> 00:16:47,949

I don't doubt that parents want the best

351

00:16:52,170 --> 00:16:49,870

for their children I'm a parent of four

352

00:16:55,949 --> 00:16:52,180

children myself and I care for them very

353

00:16:57,750 --> 00:16:55,959

deeply but I get concerned that parents

354

00:17:00,060 --> 00:16:57,760

well-meaning parents are getting

355

00:17:02,930 --> 00:17:00,070

hoodwinked by these people to believe

356

00:17:06,150 --> 00:17:02,940

that they have something to offer them

357

00:17:09,569 --> 00:17:06,160

when it's simply it's simply untrue and

358

00:17:12,390 --> 00:17:09,579

it's now's the time that we can quite

359

00:17:15,780 --> 00:17:12,400

categorically say that there is no

360

00:17:18,090 --> 00:17:15,790

evidence that chiropractic to a baby of

361

00:17:21,059 --> 00:17:18,100

only two weeks of age is going to make

362

00:17:23,819 --> 00:17:21,069

the slightest difference yeah and in a

363

00:17:26,010 --> 00:17:23,829

way it's a good thing that this was done

364

00:17:28,680 --> 00:17:26,020

in an odd sort of way or at least should

365

00:17:31,110 --> 00:17:28,690

I say it was filmed and put up online

366

00:17:33,090 --> 00:17:31,120

because sort of reminds me of the

367

00:17:34,560 --> 00:17:33,100

homeopaths they'd make up rageous

368

00:17:36,450 --> 00:17:34,570

statements and they do outrageous things

369

00:17:38,940 --> 00:17:36,460

and they gladly share them with the

370

00:17:40,890 --> 00:17:38,950

world because they really sincerely

371

00:17:44,789 --> 00:17:40,900

believe that they're actually doing some

372

00:17:46,260 --> 00:17:44,799

good or doing the right thing I'm sure

373

00:17:49,110 --> 00:17:46,270

they do you know and I'm sure that a lot

374

00:17:53,789 --> 00:17:49,120

of chiropractors also believe that what

375

00:17:55,830 --> 00:17:53,799

they're doing is is helpful I would hope

376

00:17:59,940 --> 00:17:55,840

that would be the case you know I think

377

00:18:04,980 --> 00:17:59,950

all humans fundamentally you know good

378

00:18:06,720 --> 00:18:04,990

people but at the end of the day if if

379

00:18:09,180 --> 00:18:06,730

it's been shown that there's no

380

00:18:10,740 --> 00:18:09,190

difference between children treated with

381

00:18:12,510 --> 00:18:10,750

chiropractic and children that treated

382

00:18:14,760 --> 00:18:12,520

that aren't treated with chiropractic

383

00:18:18,210 --> 00:18:14,770

then then why you're doing it why are

384

00:18:20,549 --> 00:18:18,220

you taking people's money and why are

385

00:18:23,340 --> 00:18:20,559

you wasting their time even more

386

00:18:26,970 --> 00:18:23,350

concerning you know are you treating

387

00:18:30,780 --> 00:18:26,980

conditions real conditions with

388

00:18:33,510 --> 00:18:30,790

ineffectual treatments indeed and I

389

00:18:35,450 --> 00:18:33,520

can't think of a more obvious example of

390

00:18:38,760 --> 00:18:35,460

something ineffectual than this bizarre

391

00:18:40,500 --> 00:18:38,770

activator the the chiropractor is using

392

00:18:43,110 --> 00:18:40,510

in the video I have seen them before and

393

00:18:45,360 --> 00:18:43,120

it's sort of like a an sharp

394

00:18:47,820 --> 00:18:45,370

impulse sort of device that looks like

395

00:18:50,400 --> 00:18:47,830

something out of science fiction and I

396

00:18:52,740 --> 00:18:50,410

noticed that you can buy a range of

397

00:18:56,130 --> 00:18:52,750

these things the top level is the

398

00:18:59,400 --> 00:18:56,140

activator 5 at only 2319

399

00:19:01,170 --> 00:18:59,410

dollars is that how much they cost well

400

00:19:02,550 --> 00:19:01,180

that's the top of the range that's for

401
00:19:05,100 --> 00:19:02,560
their you know the chiropractor on the

402
00:19:08,670 --> 00:19:05,110
move top of the range I know you can

403
00:19:10,920 --> 00:19:08,680
also buy children's toy versions of them

404
00:19:14,520 --> 00:19:10,930
as well good and dare I say they're

405
00:19:15,960 --> 00:19:14,530
probably just as effective look you know

406
00:19:20,670 --> 00:19:15,970
I I don't want to come across as

407
00:19:23,340 --> 00:19:20,680
sounding like I am incredibly cynical

408
00:19:26,700 --> 00:19:23,350
when it comes to chiropractors there are

409
00:19:29,670 --> 00:19:26,710
chiropractors that take their job you

410
00:19:32,220 --> 00:19:29,680
know with seriously and they they use

411
00:19:34,290 --> 00:19:32,230
evidence-based approaches and they sort

412
00:19:36,150 --> 00:19:34,300
of feel more like you know I guess I

413
00:19:37,770 --> 00:19:36,160

could say spinal physiotherapists you

414

00:19:39,690 --> 00:19:37,780

know they're specialized people that

415

00:19:42,060 --> 00:19:39,700

deal with spine and back issues and

416

00:19:44,550 --> 00:19:42,070

they're very good at what they do the

417

00:19:47,250 --> 00:19:44,560

the the problem that I have with

418

00:19:51,270 --> 00:19:47,260

chiropractic is that these there's this

419

00:19:54,390 --> 00:19:51,280

other group who want to believe in magic

420

00:19:57,300 --> 00:19:54,400

they want to believe that their magic

421

00:19:59,790 --> 00:19:57,310

hands can somehow manipulate this life

422

00:20:03,480 --> 00:19:59,800

force that nobody can see and nobody can

423

00:20:07,260 --> 00:20:03,490

touch apart from them mm-hmm but this

424

00:20:12,030 --> 00:20:07,270

life force is somehow dependent on the

425

00:20:13,760 --> 00:20:12,040

the alignment of vertebrae which they

426

00:20:17,190 --> 00:20:13,770

can't change anyway

427

00:20:20,490 --> 00:20:17,200

it's just it's flawed on so many levels

428

00:20:22,200 --> 00:20:20,500

and and I'm I wish that I could talk to

429

00:20:25,260 --> 00:20:22,210

people that are thinking about doing

430

00:20:26,760 --> 00:20:25,270

chiropractic and and say to them you

431

00:20:29,100 --> 00:20:26,770

know if you're going to go down this

432

00:20:31,590 --> 00:20:29,110

path you're going to come across people

433

00:20:33,390 --> 00:20:31,600

that believe in magic and they're going

434

00:20:36,870 --> 00:20:33,400

to try and teach you magic tricks and

435

00:20:38,910 --> 00:20:36,880

and I hope you stay awake and you're

436

00:20:41,520 --> 00:20:38,920

aware of this part that they're going to

437

00:20:42,840 --> 00:20:41,530

try and lead you down you know if I was

438

00:20:44,600 --> 00:20:42,850

thinking about doing chiropractic right

439

00:20:48,150 --> 00:20:44,610

now if I was living school I'd probably

440

00:20:51,240 --> 00:20:48,160

choose a different job like a different

441

00:20:53,060 --> 00:20:51,250

different line of work because it's only

442

00:20:55,380 --> 00:20:53,070

going to get harder for chiropractors

443

00:20:58,230 --> 00:20:55,390

every time they they put one of these

444

00:21:00,840 --> 00:20:58,240

videos up online I mean you know they're

445

00:21:04,040 --> 00:21:00,850

just kicking home goals they're they're

446

00:21:05,880 --> 00:21:04,050

digging themselves deeper holes and

447

00:21:09,660 --> 00:21:05,890

eventually people are going to run out

448

00:21:14,310 --> 00:21:09,670

of patience with them and you know my

449

00:21:16,860 --> 00:21:14,320

more restrictive laws will be passed so

450

00:21:19,680 --> 00:21:16,870

I hope they stop doing this I hope that

451
00:21:23,160 --> 00:21:19,690
they stop promoting pediatric

452
00:21:24,780 --> 00:21:23,170
chiropractic not only for for the

453
00:21:26,640 --> 00:21:24,790
children's sake and the parents sake but

454
00:21:28,710 --> 00:21:26,650
for their own sake yes and it's

455
00:21:31,020 --> 00:21:28,720
interesting you should say bringing the

456
00:21:32,660 --> 00:21:31,030
specter of maybe regulation well the

457
00:21:35,580 --> 00:21:32,670
more they do it the more it becomes

458
00:21:37,380 --> 00:21:35,590
under the notice or to the attention of

459
00:21:38,820 --> 00:21:37,390
government and I think even that the

460
00:21:40,680 --> 00:21:38,830
Health Minister in Victoria have been

461
00:21:43,110 --> 00:21:40,690
quite concerned by this video and this

462
00:21:44,580 --> 00:21:43,120
may lead who knows this may lead to them

463
00:21:46,530 --> 00:21:44,590

looking taking a hard look at this

464

00:21:48,000 --> 00:21:46,540

activator oh by the way the cheapest

465

00:21:52,560 --> 00:21:48,010

model is only four hundred and fifty

466

00:21:55,190 --> 00:21:52,570

dollars and and maybe actually putting

467

00:21:58,050 --> 00:21:55,200

out a warning or banning it somehow

468

00:22:00,210 --> 00:21:58,060

look the activator I don't think does

469

00:22:03,060 --> 00:22:00,220

much harm itself and and that was the

470

00:22:05,040 --> 00:22:03,070

idea of the activator so before the

471

00:22:07,320 --> 00:22:05,050

activator came along chiropractors were

472

00:22:11,070 --> 00:22:07,330

doing is me pew license with their hands

473

00:22:12,930 --> 00:22:11,080

and you know causing injuries with those

474

00:22:14,190 --> 00:22:12,940

particularly to adults with vertebral

475

00:22:16,620 --> 00:22:14,200

artery dissection 's and things like

476

00:22:19,800 --> 00:22:16,630

this the idea of the activator is it

477

00:22:23,280 --> 00:22:19,810

makes the manipulation a lot more

478

00:22:24,810 --> 00:22:23,290

palatable and you know reproducible to

479

00:22:27,810 --> 00:22:24,820

some extent

480

00:22:29,700 --> 00:22:27,820

I don't think regulating the activator

481

00:22:32,280 --> 00:22:29,710

would do anything I think well you know

482

00:22:33,660 --> 00:22:32,290

my personal opinion is that this concept

483

00:22:36,030 --> 00:22:33,670

of self-regulation where the

484

00:22:39,240 --> 00:22:36,040

chiropractic board are regulating their

485

00:22:40,920 --> 00:22:39,250

own profession I think is flawed mm-hmm

486

00:22:43,860 --> 00:22:40,930

they only have to show that their

487

00:22:47,340 --> 00:22:43,870

practice is in alignment with get upon

488

00:22:50,670 --> 00:22:47,350

there in alignment with other

489

00:22:53,520 --> 00:22:50,680

chiropractors so if you've got one clown

490

00:22:55,440 --> 00:22:53,530

and he says well you know I'm behaving

491

00:22:57,450 --> 00:22:55,450

just like that other clown well then

492

00:23:00,210 --> 00:22:57,460

it's okay according to the letter of the

493

00:23:03,840 --> 00:23:00,220

law I would say it's time to actually

494

00:23:08,010 --> 00:23:03,850

take things seriously and and say if

495

00:23:11,310 --> 00:23:08,020

your practice is not supported by the

496

00:23:14,310 --> 00:23:11,320

evidence you know almost any sort of

497

00:23:16,140 --> 00:23:14,320

evidence then it should not be done I

498

00:23:18,990 --> 00:23:16,150

mean that's the rules that medical

499

00:23:23,700 --> 00:23:19,000

practitioners abide by we we always have

500

00:23:25,410 --> 00:23:23,710

to practice evidence-based care and

501
00:23:27,270 --> 00:23:25,420
I don't know why other health

502
00:23:30,300 --> 00:23:27,280
practitioners and I use that term

503
00:23:33,060 --> 00:23:30,310
loosely shouldn't have to abide by the

504
00:23:35,670 --> 00:23:33,070
same rules indeed absolutely but maybe

505
00:23:38,790 --> 00:23:35,680
this is a case of the more that these

506
00:23:42,240 --> 00:23:38,800
videos appear the more likely it is that

507
00:23:44,790 --> 00:23:42,250
something finally gets done about it

508
00:23:46,860 --> 00:23:44,800
and just finally John all the years that

509
00:23:49,020 --> 00:23:46,870
you've been interested in this do you

510
00:23:52,040 --> 00:23:49,030
really think that chiropractic is waning

511
00:23:56,730 --> 00:23:52,050
or is it almost an impossible fight for

512
00:24:00,390 --> 00:23:56,740
evidence-based medicine I never give up

513
00:24:04,040 --> 00:24:00,400

hope the the well-oiled machine of

514

00:24:10,410 --> 00:24:04,050

chiropractic marketing hmm is certainly

515

00:24:12,660 --> 00:24:10,420

keeping them alive see the more they dig

516

00:24:14,280 --> 00:24:12,670

their holes though I think the more

517

00:24:18,270 --> 00:24:14,290

trouble they're going to get themselves

518

00:24:20,520 --> 00:24:18,280

into and people aren't hoodwinked as

519

00:24:23,460 --> 00:24:20,530

much as we used to be unfortunately

520

00:24:25,980 --> 00:24:23,470

there's also this groundswell of people

521

00:24:29,880 --> 00:24:25,990

wanting to be more well you know

522

00:24:31,830 --> 00:24:29,890

wellness concept yeah and and people are

523

00:24:35,610 --> 00:24:31,840

always looking for that next thing to

524

00:24:38,370 --> 00:24:35,620

make the more will and you know

525

00:24:40,340 --> 00:24:38,380

chiropractic offers that they offer not

526

00:24:43,400 --> 00:24:40,350

just chiropractic now but they'll offer

527

00:24:46,470 --> 00:24:43,410

massage and dry needling and

528

00:24:48,540 --> 00:24:46,480

motivational speeches and you know all

529

00:24:50,550 --> 00:24:48,550

this sort of stuff and you come out of

530

00:24:52,770 --> 00:24:50,560

there and you spent an hour and you know

531

00:24:55,860 --> 00:24:52,780

you know in our relaxation you know of

532

00:24:57,600 --> 00:24:55,870

course you feel better yeah so so

533

00:24:59,250 --> 00:24:57,610

chiropractic is often offered these days

534

00:25:02,330 --> 00:24:59,260

in conjunction with all these other

535

00:25:04,580 --> 00:25:02,340

concepts like message and dry needling

536

00:25:10,670 --> 00:25:04,590

meditation and that's all good and well

537

00:25:13,620 --> 00:25:10,680

but at the heart of chiropractic if you

538

00:25:17,490 --> 00:25:13,630

if you are being if you are being told

539

00:25:20,010 --> 00:25:17,500

that manipulating the spine is going to

540

00:25:20,540 --> 00:25:20,020

make you somehow more well than you

541

00:25:23,550 --> 00:25:20,550

already are

542

00:25:27,300 --> 00:25:23,560

then you've been hoodwinked you've been

543

00:25:29,190 --> 00:25:27,310

sold the snake oil the the clicking that

544

00:25:30,840 --> 00:25:29,200

comes from chiropractic manipulation is

545

00:25:32,880 --> 00:25:30,850

the equivalent of cracking your knuckles

546

00:25:35,640 --> 00:25:32,890

it comes from the facet joints at the

547

00:25:37,410 --> 00:25:35,650

back of the spine and it's of no more

548

00:25:40,200 --> 00:25:37,420

significance than cracking knuckles

549

00:25:42,000 --> 00:25:40,210

yeah but it sounds good it sounds like

550

00:25:44,160 --> 00:25:42,010

something's happening I know cuz when I

551
00:25:46,410 --> 00:25:44,170
was a teenager I had it done myself and

552
00:25:48,600 --> 00:25:46,420
when you hear all those cracks in your

553
00:25:49,770 --> 00:25:48,610
back and the chiropractor says something

554
00:25:52,560 --> 00:25:49,780
like there I've got it

555
00:25:54,630 --> 00:25:52,570
it's very good it's very convincing it's

556
00:25:55,740 --> 00:25:54,640
it's very convincing you need to

557
00:25:57,480 --> 00:25:55,750
understand that this you know

558
00:26:00,539 --> 00:25:57,490
chiropractic was established by a guy

559
00:26:04,789 --> 00:26:00,549
who prior to inventing chiropractic was

560
00:26:07,500 --> 00:26:04,799
selling magnets as a as a health therapy

561
00:26:09,780 --> 00:26:07,510
and I know myself you know I've had a

562
00:26:11,280 --> 00:26:09,790
sore back from time to time and I've

563
00:26:13,140 --> 00:26:11,290

been to a physiotherapist and they've

564

00:26:14,700 --> 00:26:13,150

given them a couple of cracks and it

565

00:26:16,409 --> 00:26:14,710

feels better much like cracking your

566

00:26:19,049 --> 00:26:16,419

knuckles sometimes makes your hands feel

567

00:26:21,810 --> 00:26:19,059

this yes yes but but that's all it is

568

00:26:25,890 --> 00:26:21,820

it's not tied in to treating asthma or

569

00:26:28,890 --> 00:26:25,900

bedwetting or colic or your immune

570

00:26:30,780 --> 00:26:28,900

system you know it has no bearing on all

571

00:26:33,539 --> 00:26:30,790

these other systems whatsoever

572

00:26:34,950 --> 00:26:33,549

well John look thank you very much for

573

00:26:36,930 --> 00:26:34,960

chatting to the sceptic zone we're going

574

00:26:39,720 --> 00:26:36,940

to keep an eye on this story I mean the

575

00:26:41,880 --> 00:26:39,730

the chiropractor in question is being

576
00:26:43,409 --> 00:26:41,890
restricted in his practice at the moment

577
00:26:46,620 --> 00:26:43,419
and I think there are investigations

578
00:26:48,330 --> 00:26:46,630
underway and folks I will link to dr.

579
00:26:51,080 --> 00:26:48,340
John Cunningham's website so you can

580
00:26:53,940 --> 00:26:51,090
check out him for yourself but for now

581
00:27:04,200 --> 00:26:53,950
dr. John Cunningham thank you very much

582
00:27:14,960 --> 00:27:10,870
[Music]

583
00:27:18,019 --> 00:27:14,970
dr. Harriet Hall MD no into thousands as

584
00:27:21,139 --> 00:27:18,029
the skeptic a retired family physician

585
00:27:23,180 --> 00:27:21,149
and former Air Force flight surgeon she

586
00:27:24,879 --> 00:27:23,190
writes about medicine so-called

587
00:27:26,180 --> 00:27:24,889
complementary and alternative medicine

588
00:27:29,960 --> 00:27:26,190

science

589

00:27:32,600 --> 00:27:29,970

pakery and critical thinking Harriet now

590

00:27:35,029 --> 00:27:32,610

has a free course a series of 10 video

591

00:27:38,330 --> 00:27:35,039

lectures on science-based medicine and

592

00:27:40,460 --> 00:27:38,340

alternative medicine the videos and an

593

00:27:43,940 --> 00:27:40,470

accompanying course guide can be found

594

00:27:48,070 --> 00:27:43,950

by following the link at skeptic info or

595

00:27:53,360 --> 00:27:48,080

by visiting web Randi's org slash

596

00:27:55,789 --> 00:27:53,370

educational - modules dot html' topics

597

00:27:58,340 --> 00:27:55,799

covered in the series are science-based

598

00:28:02,149 --> 00:27:58,350

medicine vs. evidence-based medicine

599

00:28:05,360 --> 00:28:02,159

what is Kam chiropractic acupuncture

600

00:28:08,149 --> 00:28:05,370

homeopathy naturopathy and herbal

601
00:28:10,850 --> 00:28:08,159
medicine energy medicine miscellaneous

602
00:28:13,850 --> 00:28:10,860
alternatives pitfalls in research and

603
00:28:17,600 --> 00:28:13,860
science based medicine in the media and

604
00:28:20,180 --> 00:28:17,610
politics Harriette covers each topic in

605
00:28:23,450 --> 00:28:20,190
a matter-of-fact no-nonsense way that

606
00:28:25,540 --> 00:28:23,460
sure to educate and entertain skeptic

607
00:28:48,880 --> 00:28:25,550
dot info

608
00:28:54,410 --> 00:28:51,169
continuing our series of reports

609
00:28:56,120 --> 00:28:54,420
interviews articles items from the

610
00:28:58,880 --> 00:28:56,130
skeptic magazine the journal from

611
00:29:05,590 --> 00:28:58,890
Australian skeptics we turn to vol 36

612
00:29:09,770 --> 00:29:05,600
number one from March 2016 and on page

613
00:29:13,100 --> 00:29:09,780

46 we find an article by Tim Mendham who

614

00:29:16,640 --> 00:29:13,110

is the editor of the magazine diploma

615

00:29:22,960 --> 00:29:16,650

see Tim Mendham looks at medical

616

00:29:28,070 --> 00:29:25,549

chiropractors want to be the first port

617

00:29:30,110 --> 00:29:28,080

of call for healthcare but how do their

618

00:29:33,440 --> 00:29:30,120

qualifications stack up against those of

619

00:29:35,780 --> 00:29:33,450

GPS is it true that GPS and

620

00:29:37,520 --> 00:29:35,790

chiropractors do much of the same level

621

00:29:39,470 --> 00:29:37,530

of training and are thus equally

622

00:29:42,860 --> 00:29:39,480

qualified to practice primary health

623

00:29:45,799 --> 00:29:42,870

care should chiropractors play the role

624

00:29:48,740 --> 00:29:45,809

that GPS currently do as the first stop

625

00:29:51,470 --> 00:29:48,750

for medical consultation the argument

626

00:29:53,750 --> 00:29:51,480

used by chiropractors to practice as

627

00:29:55,400 --> 00:29:53,760

primary health care is that they must go

628

00:29:58,100 --> 00:29:55,410

through the same level of medical

629

00:30:01,039 --> 00:29:58,110

training as GPS including the same

630

00:30:04,039 --> 00:30:01,049

courses and are thus as qualified to

631

00:30:06,950 --> 00:30:04,049

offer primary health care as GPS the

632

00:30:08,590 --> 00:30:06,960

question is whether this is true the

633

00:30:11,409 --> 00:30:08,600

vision statement of the chiropractic

634

00:30:13,690 --> 00:30:11,419

professionals peak body the

635

00:30:17,510 --> 00:30:13,700

chiropractor's Association of Australia

636

00:30:20,360 --> 00:30:17,520

CAA positions chiropractors as an

637

00:30:23,480 --> 00:30:20,370

alternative health system distinct from

638

00:30:26,030 --> 00:30:23,490

the mainstream and aims to achieve a

639

00:30:28,640 --> 00:30:26,040

fundamental paradigm shift in healthcare

640

00:30:30,530 --> 00:30:28,650

direction where chiropractic is

641

00:30:33,560 --> 00:30:30,540

recognized as the most cost effective

642

00:30:36,740 --> 00:30:33,570

and effective health regime of first

643

00:30:38,870 --> 00:30:36,750

choice that is readily accessible to all

644

00:30:41,960 --> 00:30:38,880

people in an article on the choice

645

00:30:44,570 --> 00:30:41,970

website karina Bray senior content

646

00:30:46,010 --> 00:30:44,580

producer health for choice laid out some

647

00:30:48,770 --> 00:30:46,020

of the issues associated with

648

00:30:51,560 --> 00:30:48,780

chiropractic and differences between it

649

00:30:53,750 --> 00:30:51,570

and the GP profession apart from the

650

00:30:56,539 --> 00:30:53,760

level of qualifications these issues

651
00:30:58,909 --> 00:30:56,549
included the anti-vaccination stance of

652
00:31:01,630 --> 00:30:58,919
many chiropractors the potential for

653
00:31:04,460 --> 00:31:01,640
myths diagnosis and preventative

654
00:31:08,000 --> 00:31:04,470
manipulations which may cause problems

655
00:31:13,720 --> 00:31:08,010
where none previously existed the claim

656
00:31:15,890 --> 00:31:13,730
for chiropractic training AHS CID guy 35

657
00:31:19,430 --> 00:31:15,900
responded to Bray's article and the

658
00:31:22,130 --> 00:31:19,440
choice site with a comment that the

659
00:31:24,049 --> 00:31:22,140
article was biased with Bray apparently

660
00:31:26,570 --> 00:31:24,059
showing a lack of understanding of what

661
00:31:28,940 --> 00:31:26,580
training chiropractors go through which

662
00:31:31,340 --> 00:31:28,950
is a full three-year bachelor's degree

663
00:31:34,039 --> 00:31:31,350

in science followed by a two years

664

00:31:35,850 --> 00:31:34,049

master's degree if anyone does some

665

00:31:38,760 --> 00:31:35,860

research instead of taking

666

00:31:41,669 --> 00:31:38,770

dream biased views they can clearly see

667

00:31:44,760 --> 00:31:41,679

chiropractors do take extensive training

668

00:31:46,980 --> 00:31:44,770

and just as much as GPS in the science

669

00:31:47,700 --> 00:31:46,990

side of things the courses are very

670

00:31:50,280 --> 00:31:47,710

similar

671

00:31:52,260 --> 00:31:50,290

GPS require and the same as

672

00:31:55,850 --> 00:31:52,270

chiropractors courses in anatomy

673

00:32:00,960 --> 00:31:55,860

physiology physics chemistry and bio

674

00:32:03,390 --> 00:32:00,970

chemistry neuroanatomy etc these courses

675

00:32:05,850 --> 00:32:03,400

do not differ they are not taught by

676

00:32:08,190 --> 00:32:05,860

anyone different either the person in

677

00:32:11,250 --> 00:32:08,200

question teaching the specific course

678

00:32:14,070 --> 00:32:11,260

has to have a degree in that specific

679

00:32:16,260 --> 00:32:14,080

course ie biochemistry teacher has to

680

00:32:18,930 --> 00:32:16,270

have a bachelor's of biochemistry with

681

00:32:20,850 --> 00:32:18,940

honors etc depending on the University

682

00:32:23,520 --> 00:32:20,860

of the mean requirements

683

00:32:27,060 --> 00:32:23,530

hence some are better than others just

684

00:32:29,909 --> 00:32:27,070

like medicine both require a minimum the

685

00:32:32,310 --> 00:32:29,919

rest assured as per law chiropractors

686

00:32:34,740 --> 00:32:32,320

also learn ECG monitoring blood pressure

687

00:32:37,200 --> 00:32:34,750

etc that's why they can do this stuff

688

00:32:39,780 --> 00:32:37,210

also as you get taught this in anatomy

689

00:32:42,480 --> 00:32:39,790

and physiology second level the only

690

00:32:44,159 --> 00:32:42,490

parts where they differ is GPS branch

691

00:32:46,530 --> 00:32:44,169

off into getting training for drugs

692

00:32:48,570 --> 00:32:46,540

where chiropractors actually keep going

693

00:32:50,970 --> 00:32:48,580

with even more in depth anatomy and

694

00:32:53,820 --> 00:32:50,980

physiology specific to what they deal

695

00:32:54,360 --> 00:32:53,830

with each day even the years are the

696

00:32:58,260 --> 00:32:54,370

same

697

00:33:01,260 --> 00:32:58,270

check out Australia AMA page takes four

698

00:33:04,950 --> 00:33:01,270

to six years Chiropractic takes minimum

699

00:33:07,760 --> 00:33:04,960

five then medical does a further one

700

00:33:10,680 --> 00:33:07,770

year normally Hospital residency a

701
00:33:13,169 --> 00:33:10,690
chiropractor does this in addition to

702
00:33:15,600 --> 00:33:13,179
its normal studies for two years in

703
00:33:18,419 --> 00:33:15,610
their master's degree both are

704
00:33:21,690 --> 00:33:18,429
classified as doctors one is of medicine

705
00:33:23,940 --> 00:33:21,700
to prescribe drugs the other is non drug

706
00:33:26,820 --> 00:33:23,950
prescribing profession both have their

707
00:33:30,200 --> 00:33:26,830
needs in society most nurses or MDS

708
00:33:33,930 --> 00:33:30,210
agree with this oh Sid guy admits that

709
00:33:36,270 --> 00:33:33,940
more research is needed but adds if

710
00:33:38,130 --> 00:33:36,280
people are getting relief from this and

711
00:33:40,710 --> 00:33:38,140
there is lack of scientific evidence

712
00:33:43,470 --> 00:33:40,720
around that does not mean it does not

713
00:33:46,710 --> 00:33:43,480

work just means we need more studies to

714

00:33:49,680 --> 00:33:46,720

show why it works in the people it does

715

00:33:52,399 --> 00:33:49,690

and how there are many chiropractors

716

00:33:54,360 --> 00:33:52,409

who would share us CID guys views

717

00:33:57,200 --> 00:33:54,370

unfortunately those views are not

718

00:33:59,879 --> 00:33:57,210

correct the reality of medical training

719

00:34:01,799 --> 00:33:59,889

mr. John Cunningham is an Australian

720

00:34:03,779 --> 00:34:01,809

trained orthopaedic surgeon who

721

00:34:06,619 --> 00:34:03,789

specializes in the treatment of spinal

722

00:34:09,960 --> 00:34:06,629

disorders he is a fellow of the Royal

723

00:34:12,809 --> 00:34:09,970

Australasian College of Surgeons and of

724

00:34:15,629 --> 00:34:12,819

the Australian orthopedic Association in

725

00:34:17,579 --> 00:34:15,639

the 2016 Australia Day honors he was

726

00:34:21,089 --> 00:34:17,589

awarded a medal of the Order of

727

00:34:23,730 --> 00:34:21,099

Australia OAM for services to medicine

728

00:34:27,000 --> 00:34:23,740

and the promotion of immunization he

729

00:34:29,250 --> 00:34:27,010

suggests that us CID guys understanding

730

00:34:32,520 --> 00:34:29,260

of chiropractic training and the

731

00:34:35,190 --> 00:34:32,530

training of GPS is considerably lacking

732

00:34:37,379 --> 00:34:35,200

for a start mr. Cunningham says that GP

733

00:34:40,470 --> 00:34:37,389

must complete a medical degree which

734

00:34:43,169 --> 00:34:40,480

these days is often a 6 to 7 year

735

00:34:45,599 --> 00:34:43,179

program of the medical sciences as well

736

00:34:48,359 --> 00:34:45,609

as clinical medicine it is taught by

737

00:34:51,089 --> 00:34:48,369

scientists specialized in the field as

738

00:34:53,210 --> 00:34:51,099

well as clinicians medical practitioners

739

00:34:55,530 --> 00:34:53,220

are taught evidence-based medicine

740

00:34:57,410 --> 00:34:55,540

meanwhile chiropractors are taught

741

00:35:00,260 --> 00:34:57,420

make-belief like GaN send

742

00:35:03,359 --> 00:35:00,270

pregnancy and pediatric chiropractic

743

00:35:04,829 --> 00:35:03,369

completely without evidence medical

744

00:35:07,829 --> 00:35:04,839

students are not taught by chiropractors

745

00:35:10,530 --> 00:35:07,839

nor our chiropractors taught by medical

746

00:35:14,490 --> 00:35:10,540

practitioners the courses differ and

747

00:35:16,980 --> 00:35:14,500

they differ enormous Lee how do I know

748

00:35:19,170 --> 00:35:16,990

because I did a science degree with

749

00:35:22,380 --> 00:35:19,180

chiropractors at the University of New

750

00:35:25,290 --> 00:35:22,390

South Wales before completing a medical

751
00:35:27,960 --> 00:35:25,300
degree while their science degree was

752
00:35:30,120 --> 00:35:27,970
similar they only did one major in

753
00:35:33,960 --> 00:35:30,130
anatomy and so missed out on physiology

754
00:35:36,569 --> 00:35:33,970
and biochemistry just Anatomy they were

755
00:35:38,490 --> 00:35:36,579
not exposed to nearly as much detail of

756
00:35:40,740 --> 00:35:38,500
the other subjects as medical students

757
00:35:43,609 --> 00:35:40,750
nor did they learn anything about human

758
00:35:48,390 --> 00:35:43,619
behavior microbiology or pharmacology

759
00:35:50,760 --> 00:35:48,400
just Anatomy to even suggest that

760
00:35:52,890 --> 00:35:50,770
chiropractors learn ECGs in the same

761
00:35:55,859 --> 00:35:52,900
detail as a medical practitioner is

762
00:35:57,990 --> 00:35:55,869
laughable making a claim that the

763
00:36:00,270 --> 00:35:58,000

two-streams simply branch off is

764

00:36:03,370 --> 00:36:00,280

ridiculous they share no common ground

765

00:36:07,599 --> 00:36:03,380

to begin with so cannot branch

766

00:36:09,099 --> 00:36:07,609

as Oz said guy puts it and a medical

767

00:36:12,190 --> 00:36:09,109

degree is only the start

768

00:36:14,769 --> 00:36:12,200

GPS must also complete a three-year

769

00:36:16,779 --> 00:36:14,779

vocational training pathway covering

770

00:36:19,329 --> 00:36:16,789

many aspects of medicine not covered in

771

00:36:21,670 --> 00:36:19,339

detail in the undergraduate section of

772

00:36:24,999 --> 00:36:21,680

training as well as passing more exams

773

00:36:27,910 --> 00:36:25,009

than a fellowship exam so we're up to

774

00:36:30,160 --> 00:36:27,920

ten years just now and all CID guy

775

00:36:34,059 --> 00:36:30,170

thinks that's only about drugs

776

00:36:35,499 --> 00:36:34,069

what do GPC only the broadest range of

777

00:36:36,759 --> 00:36:35,509

conditions that can be treated with

778

00:36:40,529 --> 00:36:36,769

evidence-based medicine

779

00:36:44,069 --> 00:36:40,539

yes drugs are used but what about say

780

00:36:47,309 --> 00:36:44,079

diabetes counseling family planning

781

00:36:50,490 --> 00:36:47,319

psychiatric care end of life care

782

00:36:54,039 --> 00:36:50,500

pediatrics learning difficulties

783

00:36:57,759 --> 00:36:54,049

musculoskeletal complaints dermatology I

784

00:37:00,430 --> 00:36:57,769

could go on but to simplify things to

785

00:37:04,180 --> 00:37:00,440

the idea that all gp's do is prescribe

786

00:37:06,160 --> 00:37:04,190

drugs is ludicrous a chiropractor is

787

00:37:09,279 --> 00:37:06,170

trained now in universities mr.

788

00:37:11,519 --> 00:37:09,289

Cunningham says but many aspects of

789

00:37:15,279 --> 00:37:11,529

their curriculum are not evidence based

790

00:37:18,009 --> 00:37:15,289

simple as that and saying more research

791

00:37:21,099 --> 00:37:18,019

is needed is not the same as saying it

792

00:37:22,870 --> 00:37:21,109

works much research has already been

793

00:37:25,089 --> 00:37:22,880

done and the only thing that

794

00:37:28,359 --> 00:37:25,099

chiropractors can treat better than GPS

795

00:37:31,569 --> 00:37:28,369

is acute back pain and only in a small

796

00:37:33,730 --> 00:37:31,579

subset of patients researching it more

797

00:37:38,019 --> 00:37:33,740

may provide more evidence for other

798

00:37:39,849 --> 00:37:38,029

conditions but it also may not once

799

00:37:41,980 --> 00:37:39,859

chickens should not be counted before

800

00:37:44,650 --> 00:37:41,990

they're hatched suggesting that

801
00:37:45,999 --> 00:37:44,660
chiropractors can replace GPS because

802
00:37:48,640 --> 00:37:46,009
some of their subjects have the same

803
00:37:50,890 --> 00:37:48,650
broad title as each other is blatantly

804
00:37:54,400 --> 00:37:50,900
false you might make the same claim

805
00:37:57,430 --> 00:37:54,410
about physiotherapists osteopaths nurses

806
00:37:59,769 --> 00:37:57,440
pharmacists and I could go on GPS have

807
00:38:03,279 --> 00:37:59,779
their place and that place is the

808
00:38:05,920 --> 00:38:03,289
primary family physician chiropractors

809
00:38:10,120 --> 00:38:05,930
should learn their place too and it's

810
00:38:15,960 --> 00:38:11,910
[Music]

811
00:38:17,549 --> 00:38:15,970
and that was diploma C written by Tim

812
00:38:21,089 --> 00:38:17,559
Mendham and you can read that for

813
00:38:23,940 --> 00:38:21,099

yourself on page 46 of the skeptic

814

00:38:31,010 --> 00:38:23,950
magazine vol 36 number one from March

815

00:38:39,960 --> 00:38:31,020
2016 freely available at WWF XCOM au

816

00:38:42,819 --> 00:38:39,970
[Music]

817

00:38:45,940 --> 00:38:42,829
the skeptic magazine the journal from

818

00:38:48,160 --> 00:38:45,950
Australian skeptics subscribe online to

819

00:38:53,650 --> 00:38:48,170
the world's second oldest skeptical

820

00:38:56,650 --> 00:38:53,660
magazine visit WWF XCOM 2 and click the

821

00:39:01,059 --> 00:38:56,660
publication's link you can also find

822

00:39:04,210 --> 00:39:01,069
there over 30 years on back issues free

823

00:39:16,299 --> 00:39:04,220
to download the skeptic magazine from

824

00:39:22,720 --> 00:39:16,309
Australian skeptics here's main our

825

00:39:27,620 --> 00:39:25,790
I'm just popping down to a 36 Glee point

826

00:39:30,590 --> 00:39:27,630

road which is where they have bed

827

00:39:32,390 --> 00:39:30,600

upstairs the red bar of course but at

828

00:39:34,610 --> 00:39:32,400

the back is the bed bar and there's

829

00:39:37,520 --> 00:39:34,620

gonna be a bit of an advocacy meeting

830

00:39:39,410 --> 00:39:37,530

for the SS DP what does the SS DP let's

831

00:39:41,750 --> 00:39:39,420

go in and just find out what it is in

832

00:39:43,820 --> 00:39:41,760

there we'll have politicians will have

833

00:39:45,080 --> 00:39:43,830

harm reduction medical specialists and

834

00:39:47,420 --> 00:39:45,090

we'll have people have had actual

835

00:39:49,100 --> 00:39:47,430

first-hand experience of overdoses and

836

00:39:50,780 --> 00:39:49,110

why they think if there'd been a bit of

837

00:39:52,490 --> 00:39:50,790

knowledge and harm reduction around that

838

00:39:57,980 --> 00:39:52,500

wouldn't have happened to them inside we

839

00:40:00,320 --> 00:39:57,990

go I'm here with Shane who I think I

840

00:40:01,460 --> 00:40:00,330

last spoke to at in Las Vegas I think we

841

00:40:02,840 --> 00:40:01,470

the last time I spoke to you when you're

842

00:40:04,310 --> 00:40:02,850

doing some great work with a skeptical

843

00:40:05,690 --> 00:40:04,320

brow so what are you up to these days

844

00:40:07,580 --> 00:40:05,700

these days

845

00:40:09,890 --> 00:40:07,590

settling down for a simpler life at the

846

00:40:11,780 --> 00:40:09,900

moment you didn't like the idea of

847

00:40:13,670 --> 00:40:11,790

arguing a skeptical browser is a tough

848

00:40:15,350 --> 00:40:13,680

sell on some people isn't it it's a very

849

00:40:16,910 --> 00:40:15,360

tough sell and it got harder actually

850

00:40:18,080 --> 00:40:16,920

with the the advent of the

851

00:40:19,820 --> 00:40:18,090

misinformation age where suddenly

852

00:40:22,520 --> 00:40:19,830

everyone cares about it fake news came

853

00:40:24,740 --> 00:40:22,530

about a lot of people paying attention

854

00:40:26,420 --> 00:40:24,750

to it now but unfortunately going away

855

00:40:27,890 --> 00:40:26,430

that I think is just as dangerous as

856

00:40:29,330 --> 00:40:27,900

what they're trying to find so what is

857

00:40:30,620 --> 00:40:29,340

your opinion of the whole drug testing

858

00:40:32,270 --> 00:40:30,630

idea here that they're talking about

859

00:40:33,680 --> 00:40:32,280

absolutely necessary personally I

860

00:40:38,690 --> 00:40:33,690

believe we need to legalize regulate

861

00:40:40,310 --> 00:40:38,700

educate and tax tax and educate that's

862

00:40:41,510 --> 00:40:40,320

the process we need to do it anything

863

00:40:42,620 --> 00:40:41,520

else the war on drugs has failed

864

00:40:44,420 --> 00:40:42,630

miserably

865

00:40:46,280 --> 00:40:44,430

well just look around your people yeah

866

00:40:48,370 --> 00:40:46,290

I'm here with Sophie who was one of the

867

00:40:50,510 --> 00:40:48,380

speakers and you have a fairly unique

868

00:40:52,370 --> 00:40:50,520

perspective on the whole drug harm

869

00:40:54,020 --> 00:40:52,380

reduction issue can you describe briefly

870

00:40:57,880 --> 00:40:54,030

what happened to you and what your

871

00:41:01,070 --> 00:40:57,890

opinion is these days yes so I survived

872

00:41:05,400 --> 00:41:01,080

an overdose on after the ingesting three

873

00:41:09,630 --> 00:41:05,410

pills at a festival nine years ago

874

00:41:11,340 --> 00:41:09,640

and I when I was having the overdose I

875

00:41:13,200 --> 00:41:11,350

never received the care that I was

876
00:41:15,450 --> 00:41:13,210
supposed to get because my friends were

877
00:41:18,180 --> 00:41:15,460
too afraid to call the ambulance and

878
00:41:20,670 --> 00:41:18,190
they were too afraid to because they had

879
00:41:22,140 --> 00:41:20,680
drugs on them and my boyfriend was too

880
00:41:23,670 --> 00:41:22,150
afraid to call an ambulance as well to

881
00:41:25,320 --> 00:41:23,680
take me to medical care because he was

882
00:41:27,660 --> 00:41:25,330
the one that sold me the drugs so I

883
00:41:31,620 --> 00:41:27,670
really feel like I could easily be the

884
00:41:33,510 --> 00:41:31,630
poster child for for you know the

885
00:41:35,100 --> 00:41:33,520
dangers of drug use but to be honest

886
00:41:36,630 --> 00:41:35,110
what I think really is the problem is

887
00:41:38,340 --> 00:41:36,640
the fact that why my friends did not

888
00:41:41,100 --> 00:41:38,350

feel comfortable getting the help that I

889

00:41:44,040 --> 00:41:41,110

needed when I was in when I needed the

890

00:41:46,500 --> 00:41:44,050

care you said that also it made you

891

00:41:47,850 --> 00:41:46,510

angry as well after a while and when you

892

00:41:50,460 --> 00:41:47,860

hear the deaths at music festivals

893

00:41:52,110 --> 00:41:50,470

around Australia that must you must

894

00:41:55,110 --> 00:41:52,120

almost imagine you being in their

895

00:41:59,040 --> 00:41:55,120

situation and the anger yeah absolutely

896

00:42:00,510 --> 00:41:59,050

it's it angers me a lot because there

897

00:42:02,640 --> 00:42:00,520

are preventative measures out there

898

00:42:04,500 --> 00:42:02,650

they've been practiced for like 30 to 50

899

00:42:06,510 --> 00:42:04,510

years and we're not implementing them

900

00:42:09,390 --> 00:42:06,520

and there's people dying like we're

901
00:42:11,760 --> 00:42:09,400
talking about young lives like mine so

902
00:42:13,140 --> 00:42:11,770
yes I'm very angry you would not have

903
00:42:14,730 --> 00:42:13,150
the time and of course if you said that

904
00:42:16,170 --> 00:42:14,740
people would say well just don't take

905
00:42:17,820 --> 00:42:16,180
the pills and this won't happen but

906
00:42:20,670 --> 00:42:17,830
that's very unrealistic isn't it

907
00:42:22,290 --> 00:42:20,680
extremely unrealistic I'm making oh my

908
00:42:23,850 --> 00:42:22,300
gosh I don't know anyone who hasn't

909
00:42:26,880 --> 00:42:23,860
tried drugs not even my mum and dad

910
00:42:28,010 --> 00:42:26,890
right sorry like I mean we've got to be

911
00:42:30,660 --> 00:42:28,020
tackling this from a different angle

912
00:42:32,190 --> 00:42:30,670
because you just can't tell someone not

913
00:42:36,090 --> 00:42:32,200

to take from the cookie jar

914

00:42:37,920 --> 00:42:36,100

yeah that's my analogy on it and my

915

00:42:39,630 --> 00:42:37,930

weird part of the story is you told how

916

00:42:41,760 --> 00:42:39,640

your boyfriend sold you three tablets

917

00:42:44,010 --> 00:42:41,770

and I thought your boyfriend sold you

918

00:42:46,620 --> 00:42:44,020

three tablets yeah well it's that way

919

00:42:47,580 --> 00:42:46,630

he's not my boyfriend anymore don't

920

00:42:49,200 --> 00:42:47,590

think you need to say anything more

921

00:42:50,520 --> 00:42:49,210

there and and what are you going to be

922

00:42:51,720 --> 00:42:50,530

thinking about with the state election

923

00:42:53,220 --> 00:42:51,730

because we have a number of parties on

924

00:42:54,900 --> 00:42:53,230

the Left we have the Green Party we have

925

00:42:57,210 --> 00:42:54,910

the Labour Party both have similar

926

00:42:58,740 --> 00:42:57,220

policies but a bit different and I'm not

927

00:43:00,300 --> 00:42:58,750

trying to force you into a voting corner

928

00:43:02,210 --> 00:43:00,310

here but what do you think about the

929

00:43:04,309 --> 00:43:02,220

office of birth both parties

930

00:43:07,880 --> 00:43:04,319

look I think anything but what we have

931

00:43:10,849 --> 00:43:07,890

is better and I would urge any young

932

00:43:12,920 --> 00:43:10,859

person to find out and learn how voting

933

00:43:14,480 --> 00:43:12,930

this voting system works so that they

934

00:43:16,430 --> 00:43:14,490

can get their voices heard

935

00:43:19,190 --> 00:43:16,440

maybe vote below the line it takes

936

00:43:20,770 --> 00:43:19,200

longer but yeah absolutely absolutely I

937

00:43:21,980 --> 00:43:20,780

know and know where your vote counts

938

00:43:24,410 --> 00:43:21,990

okay

939

00:43:26,720 --> 00:43:24,420

but I'm talking to dr. Alex Roy how are

940

00:43:28,670 --> 00:43:26,730

you Alex and one are you looking great

941

00:43:31,640 --> 00:43:28,680

and feeling fine tonight yes I am thank

942

00:43:33,289 --> 00:43:31,650

you Alex you said that pill testing

943

00:43:35,299 --> 00:43:33,299

isn't the magic bullet but what do you

944

00:43:37,279 --> 00:43:35,309

think would be the immediate effect of

945

00:43:41,210 --> 00:43:37,289

it if we did it what what would be what

946

00:43:44,960 --> 00:43:41,220

we notice straightaway there are three

947

00:43:47,690 --> 00:43:44,970

major benefits of pill testing that we

948

00:43:51,940 --> 00:43:47,700

need to talk about and the first one is

949

00:43:56,839 --> 00:43:51,950

that where somebody who's bought a pill

950

00:44:00,020 --> 00:43:56,849

has the pill tester gets advice expert

951

00:44:03,589 --> 00:44:00,030

advice that taking that pill would be

952

00:44:06,380 --> 00:44:03,599

very high-risk and decides to throw the

953

00:44:10,160 --> 00:44:06,390

pill into the amnesty bin so that's an

954

00:44:12,829 --> 00:44:10,170

individual benefit but what they've done

955

00:44:16,309 --> 00:44:12,839

now in Europe is they turn that into a

956

00:44:20,150 --> 00:44:16,319

group benefit so they have worked on the

957

00:44:21,500 --> 00:44:20,160

communication of that information to all

958

00:44:23,750 --> 00:44:21,510

the other people who are there at that

959

00:44:28,039 --> 00:44:23,760

event so in some of the places they've

960

00:44:31,579 --> 00:44:28,049

got a network of video screens around

961

00:44:36,289 --> 00:44:31,589

the the event and they show a photograph

962

00:44:40,730 --> 00:44:36,299

of the dangerous pills and they say if

963

00:44:43,819 --> 00:44:40,740

you've got a blue pill with PM 67 on it

964

00:44:45,120 --> 00:44:43,829

and a smiling face on it that looks like

965

00:44:48,540 --> 00:44:45,130

this

966

00:44:51,000 --> 00:44:48,550

it's we just tested a pill like that and

967

00:44:53,430 --> 00:44:51,010

it contained this stuff and that's

968

00:44:56,610 --> 00:44:53,440

highly lethal if you take that visit

969

00:44:59,340 --> 00:44:56,620

high risk that you'll be hospitalized

970

00:45:01,380 --> 00:44:59,350

and possibly even die we recommend you

971

00:45:04,530 --> 00:45:01,390

throw that away in the amnesty bid and

972

00:45:06,780 --> 00:45:04,540

so there's a group benefit from that and

973

00:45:09,200 --> 00:45:06,790

the third benefit is the market benefit

974

00:45:11,970 --> 00:45:09,210

and what happens with the market is that

975

00:45:14,010 --> 00:45:11,980

it's part of impossible to prove this

976

00:45:18,990 --> 00:45:14,020

sort of disprove this but it's very

977

00:45:20,880 --> 00:45:19,000

likely that if we if if people who are

978

00:45:22,500 --> 00:45:20,890

going to sell drugs at an event like

979

00:45:24,630 --> 00:45:22,510

that know that's going to be pill

980

00:45:27,000 --> 00:45:24,640

testing they're they're not going to

981

00:45:29,550 --> 00:45:27,010

sell their dodgy pills they'll sell

982

00:45:30,750 --> 00:45:29,560

their low-risk bills the question I'd

983

00:45:32,430 --> 00:45:30,760

like to ask whose people might be

984

00:45:35,670 --> 00:45:32,440

wondering what would build testing

985

00:45:38,660 --> 00:45:35,680

entail are using spectrographs now I yes

986

00:45:42,390 --> 00:45:38,670

they're half a dozen different

987

00:45:43,770 --> 00:45:42,400

techniques that are used and they've all

988

00:45:44,640 --> 00:45:43,780

got their own advantages and

989

00:45:46,290 --> 00:45:44,650

disadvantages

990

00:45:49,110 --> 00:45:46,300

they're using the same kind of

991

00:45:51,480 --> 00:45:49,120

technology that is used in hospital

992

00:45:53,250 --> 00:45:51,490

laboratories and scientific laboratories

993

00:45:55,290 --> 00:45:53,260

across the country

994

00:45:57,360 --> 00:45:55,300

Thunder sounds expensive this machine

995

00:46:00,060 --> 00:45:57,370

too expensive these machines are

996

00:46:04,740 --> 00:46:00,070

expensive and that's why nobody wants to

997

00:46:06,270 --> 00:46:04,750

do civil disobedience because you got to

998

00:46:08,970 --> 00:46:06,280

buy a hundred and twenty thousand dollar

999

00:46:11,550 --> 00:46:08,980

machine to be disobedient and that could

1000

00:46:14,460 --> 00:46:11,560

easily be confiscated and then you'd be

1001

00:46:17,340 --> 00:46:14,470

in real trouble I think what we will see

1002

00:46:20,610 --> 00:46:17,350

is edging our way more closer and closer

1003

00:46:22,830 --> 00:46:20,620

to fill testing will at some point all

1004

00:46:24,440 --> 00:46:22,840

six states and two territories will have

1005

00:46:27,950 --> 00:46:24,450

pill testing

1006

00:46:30,289 --> 00:46:27,960

and I wish that would happen tomorrow

1007

00:46:32,690 --> 00:46:30,299

but or actually I wish did it happen

1008

00:46:34,700 --> 00:46:32,700

yesterday thank you doctor Alex watt for

1009

00:46:46,870 --> 00:46:34,710

being on the sceptic zone okay my

1010

00:46:51,580 --> 00:46:49,870

hello listeners a maximum fun I want to

1011

00:46:53,530 --> 00:46:51,590

tell you about our newest podcast that

1012

00:46:55,090 --> 00:46:53,540

tells you all about the truth of the

1013

00:46:56,350 --> 00:46:55,100

Flat Earth have you been looking out

1014

00:46:58,090 --> 00:46:56,360

over the horizon and you've been

1015

00:47:00,700 --> 00:46:58,100

thinking wait a minute this doesn't look

1016

00:47:03,400 --> 00:47:00,710

round I've been lied to my whole life

1017

00:47:08,020 --> 00:47:03,410

what is NASA doing with 52 million

1018

00:47:11,530 --> 00:47:08,030

dollars a day oh come on we explode the

1019

00:47:13,720 --> 00:47:11,540

myths just kidding we're ho no Ross and

1020

00:47:16,060 --> 00:47:13,730

Carrie and we investigate extraordinary

1021

00:47:18,430 --> 00:47:16,070

claims that's right we investigate

1022

00:47:20,230 --> 00:47:18,440

extraordinary claims firsthand we go

1023

00:47:22,690 --> 00:47:20,240

undercover in fringe groups we get

1024

00:47:24,610 --> 00:47:22,700

alternative medicine treatments and we

1025

00:47:26,980 --> 00:47:24,620

hang out with people who have unusual

1026

00:47:29,110 --> 00:47:26,990

beliefs like flat earthers 9/11 truthers

1027

00:47:31,300 --> 00:47:29,120

we do ghost investigations we've joined

1028

00:47:33,250 --> 00:47:31,310

Scientology and we got baptized in the

1029

00:47:37,450 --> 00:47:33,260

Mormon Church if it goes bump in the

1030

00:47:39,040 --> 00:47:37,460

night then so do we hmm why don't you

1031

00:47:49,450 --> 00:47:39,050

check out oh no Ross and Carrie and

1032

00:47:53,990 --> 00:47:52,039

here is a press release by the

1033

00:47:57,500 --> 00:47:54,000

Australian skeptics Australian skeptics

1034

00:48:06,440 --> 00:47:57,510

Inc released on the 20th of February 20

1035

00:48:09,109 --> 00:48:06,450

19 million skeptics Inc AAS I commend

1036

00:48:12,380 --> 00:48:09,119

Daniel Andrews Premier of Victoria for

1037

00:48:14,890 --> 00:48:12,390

his recently announced plan to ban gay

1038

00:48:18,049 --> 00:48:14,900

conversion therapy across the state

1039

00:48:20,660 --> 00:48:18,059

these church based therapies are not

1040

00:48:23,150 --> 00:48:20,670

based on scientific evidence have been

1041

00:48:25,280 --> 00:48:23,160

proven not to work and are well known to

1042

00:48:27,410 --> 00:48:25,290

cause physical and psychological harm

1043

00:48:28,970 --> 00:48:27,420

gay conversion therapy has been

1044

00:48:30,920 --> 00:48:28,980

denounced by the Australian

1045

00:48:32,720 --> 00:48:30,930

Psychological Society the Royal

1046

00:48:34,520 --> 00:48:32,730

Australasian College of Physicians the

1047

00:48:37,490 --> 00:48:34,530

Australian Medical Association and the

1048

00:48:40,220 --> 00:48:37,500

Australian Human Rights Commission these

1049

00:48:42,339 --> 00:48:40,230

practices include a version therapy for

1050

00:48:44,870 --> 00:48:42,349

example electrocution of genitals

1051
00:48:48,109 --> 00:48:44,880
administration of drugs to make people

1052
00:48:52,970 --> 00:48:48,119
feel nauseous or vomit participation in

1053
00:48:56,680 --> 00:48:52,980
exorcisms or prayer sessions to pray the

1054
00:49:00,020 --> 00:48:56,690
gay away extreme pressure from family

1055
00:49:02,089 --> 00:49:00,030
friends church leaders and parents can

1056
00:49:04,370 --> 00:49:02,099
coerce people into undergoing gay

1057
00:49:06,829 --> 00:49:04,380
conversion therapy threatening them with

1058
00:49:09,799 --> 00:49:06,839
rejection from their church family and

1059
00:49:13,130 --> 00:49:09,809
other social and financial supports says

1060
00:49:15,410 --> 00:49:13,140
Trish Hahn vice president of ASI and

1061
00:49:17,990 --> 00:49:15,420
points out that those who do participate

1062
00:49:19,849 --> 00:49:18,000
in gay conversion therapy ultimately

1063
00:49:22,660 --> 00:49:19,859

find that their sexuality or gender

1064

00:49:24,920 --> 00:49:22,670

remains unchanged but they are left with

1065

00:49:28,069 --> 00:49:24,930

significant physical and psychological

1066

00:49:31,400 --> 00:49:28,079

trauma and experience a high incidence

1067

00:49:34,130 --> 00:49:31,410

of suicide and says judge members

1068

00:49:37,069 --> 00:49:34,140

immersed in these religious groups often

1069

00:49:39,710 --> 00:49:37,079

face spiritual abuse and are unable to

1070

00:49:42,049 --> 00:49:39,720

make informed choices they are told that

1071

00:49:44,480 --> 00:49:42,059

conversion therapy is their only option

1072

00:49:46,789 --> 00:49:44,490

Australian skeptics Inc find it

1073

00:49:48,770 --> 00:49:46,799

reprehensible that every state and

1074

00:49:50,870 --> 00:49:48,780

territory of Australia still allows this

1075

00:49:53,539 --> 00:49:50,880

unsubstantiated treatment despite

1076

00:49:56,420 --> 00:49:53,549

evidence of spiritual physical and

1077

00:49:58,250 --> 00:49:56,430

psychological abuse these practices

1078

00:50:01,070 --> 00:49:58,260

are decreasing around the world with

1079

00:50:03,410 --> 00:50:01,080

nationwide regional and de facto bans in

1080

00:50:06,320 --> 00:50:03,420

countries including Argentina Brazil

1081

00:50:08,660 --> 00:50:06,330

Canada Switzerland and the United States

1082

00:50:11,300 --> 00:50:08,670

however they are still being performed

1083

00:50:14,180 --> 00:50:11,310

behind closed doors in many religious

1084

00:50:16,850 --> 00:50:14,190

communities Australian skeptics Inc

1085

00:50:18,770 --> 00:50:16,860

welcome this measured decision by the

1086

00:50:20,870 --> 00:50:18,780

Victorian Government and look forward to

1087

00:50:23,210 --> 00:50:20,880

seeing similar legislation across the

1088

00:50:25,430 --> 00:50:23,220

whole of Australia people struggling

1089

00:50:27,710 --> 00:50:25,440

with issues surrounding their sexuality

1090

00:50:29,140 --> 00:50:27,720

or gender identity are encouraged to

1091

00:50:32,150 --> 00:50:29,150

speak with a general practitioner

1092

00:50:34,910 --> 00:50:32,160

psychologist or counselor not affiliated

1093

00:50:37,550 --> 00:50:34,920

with a religious organization crisis

1094

00:50:51,590 --> 00:50:37,560

helpline such as beyondblue or lifeline

1095

00:50:51,600 --> 00:51:00,210

[Music]

1096

00:51:04,270 --> 00:51:02,590

thank you for listening to the skeptic

1097

00:51:07,480 --> 00:51:04,280

zone now as mentioned on last week's

1098

00:51:09,370 --> 00:51:07,490

episode I'm going to be in California in

1099

00:51:13,840 --> 00:51:09,380

a few weeks I'm going to be speaking at

1100

00:51:17,760 --> 00:51:13,850

Berkeley and it's the Bay Area skeptics

1101
00:51:20,380 --> 00:51:17,770
and that will be on the 14th of March at

1102
00:51:23,440 --> 00:51:20,390
LaPenta Cultural Center which is

1103
00:51:24,880 --> 00:51:23,450
downtown Berkeley it's quite easy to

1104
00:51:27,520 --> 00:51:24,890
find there will be a link of course on

1105
00:51:30,010 --> 00:51:27,530
this week's show notes and my talk will

1106
00:51:34,570 --> 00:51:30,020
be Australia's psychic detectives and

1107
00:51:37,450 --> 00:51:34,580
psychic predictions just how many crimes

1108
00:51:38,260 --> 00:51:37,460
have so-called psychic detectives solved

1109
00:51:40,600 --> 00:51:38,270
in Australia

1110
00:51:43,270 --> 00:51:40,610
how do their claims stack up against the

1111
00:51:45,940 --> 00:51:43,280
results do police really call upon the

1112
00:51:48,010 --> 00:51:45,950
paranormal to find missing people join

1113
00:51:51,610 --> 00:51:48,020

Australian sceptic Richard Saunders as

1114

00:51:53,920 --> 00:51:51,620

he examines some famous crimes and the

1115

00:51:55,930 --> 00:51:53,930

alleged supernatural connection also

1116

00:51:58,360 --> 00:51:55,940

Richard will give an overview of the

1117

00:52:00,550 --> 00:51:58,370

world's most comprehensive study into

1118

00:52:04,270 --> 00:52:00,560

psychic predictions it's fun reading a

1119

00:52:07,150 --> 00:52:04,280

blurb about oneself hmm so that's coming

1120

00:52:08,590 --> 00:52:07,160

up on the 14th of March links in this

1121

00:52:11,530 --> 00:52:08,600

week's show notes if you're in the Bay

1122

00:52:13,960 --> 00:52:11,540

Area I would love to see you a shout out

1123

00:52:17,590 --> 00:52:13,970

to Mario thank you to those people

1124

00:52:20,260 --> 00:52:17,600

around the world around the world who

1125

00:52:22,900 --> 00:52:20,270

contribute via patreon and PayPal that's

1126
00:52:24,820 --> 00:52:22,910
very good to know there's support out

1127
00:52:27,760 --> 00:52:24,830
there and the reporters my reporters

1128
00:52:29,380 --> 00:52:27,770
also appreciate that I've done this

1129
00:52:31,690 --> 00:52:29,390
before but it's worth doing it again

1130
00:52:34,440 --> 00:52:31,700
diri what's the conversion rate five

1131
00:52:37,210 --> 00:52:34,450
American dollars into Australian dollars

1132
00:52:40,120 --> 00:52:37,220
five US dollars there's seven dollars

1133
00:52:42,670 --> 00:52:40,130
and one cent there we go there we go a

1134
00:52:45,400 --> 00:52:42,680
couple of extra dollars come my way as

1135
00:52:47,350 --> 00:52:45,410
if by magic but again thank you to all

1136
00:52:50,680 --> 00:52:47,360
those people around the world who do

1137
00:52:52,600 --> 00:52:50,690
support the skeptic zone hmm just think

1138
00:52:55,000 --> 00:52:52,610

I can stock up on Twinkies again a

1139

00:53:00,160 --> 00:52:55,010

favorite of my nieces and nephews

1140

00:53:03,730 --> 00:53:00,170

Twinkies yeah I saw a box here in Sydney

1141

00:53:06,510 --> 00:53:03,740

the other day of Twinkies 14 dollars now

1142

00:53:09,580 --> 00:53:06,520

15 \$14.99 oof

1143

00:53:09,850 --> 00:53:09,590

but for this week Twinkies and all this

1144

00:53:12,010 --> 00:53:09,860

is

1145

00:53:17,950 --> 00:53:12,020

richardsaunders signing off from Sydney

1146

00:53:20,650 --> 00:53:17,960

Australia you've been listening to the

1147

00:53:25,240 --> 00:53:20,660

skeptic zone podcast please visit our

1148

00:53:28,540 --> 00:53:25,250

website at WWDC be for show notes

1149

00:53:32,740 --> 00:53:28,550

contacts and to access the bat catalog

1150

00:53:34,450 --> 00:53:32,750

of episodes going back to 2008 you can

1151

00:53:37,510 --> 00:53:34,460

follow the skeptic zone podcast on

1152

00:53:39,790 --> 00:53:37,520

twitter at skeptic zone visit our

1153

00:53:40,680 --> 00:53:39,800

facebook page or leave a review on

1154

00:53:43,360 --> 00:53:40,690

itunes

1155

00:53:46,750 --> 00:53:43,370

you can also support the skeptic zone

1156

00:53:49,470 --> 00:53:46,760

via patreon or paypal the skeptic zone

1157

00:53:51,850 --> 00:53:49,480

podcast is an independent production

1158

00:53:53,980 --> 00:53:51,860

reviews and opinions expressed on the

1159

00:53:56,320 --> 00:53:53,990

skeptic zone are not necessarily those

1160

00:53:58,110 --> 00:53:56,330

of Australian skeptics or any other

1161

00:54:11,070 --> 00:53:58,120

sceptical organisation

1162

00:54:15,640 --> 00:54:13,330

hello our people who listen after the

1163

00:54:17,830 --> 00:54:15,650

music the afterthoughts is an

1164

00:54:20,980 --> 00:54:17,840

afterthought as you know and if you're

1165

00:54:23,800 --> 00:54:20,990

new to the show you don't hmm every so

1166

00:54:27,160 --> 00:54:23,810

often I will roll a die usually 10-sided

1167

00:54:31,480 --> 00:54:27,170

where is it my little box here here it

1168

00:54:33,610 --> 00:54:31,490

is I've got a 10 sided die here so and

1169

00:54:35,500 --> 00:54:33,620

happened to land on number 4 and I ask

1170

00:54:37,720 --> 00:54:35,510

listeners to use their psychic

1171

00:54:40,510 --> 00:54:37,730

predicting powers to predict the number

1172

00:54:42,700 --> 00:54:40,520

I normally roll it three times last time

1173

00:54:46,750 --> 00:54:42,710

I rolled a 30 sided die this week I'm

1174

00:54:49,720 --> 00:54:46,760

gonna roll a 60 yeah well why not life

1175

00:54:52,450 --> 00:54:49,730

short why not okay so use your psychic

1176

00:54:55,360 --> 00:54:52,460

predicting power and there's a plane

1177

00:54:56,710 --> 00:54:55,370

flying overhead and they don't care use

1178

00:54:58,480 --> 00:54:56,720

your psychic predicting power I'm going

1179

00:55:00,360 --> 00:54:58,490

to roll the diet it's going to be one or

1180

00:55:03,100 --> 00:55:00,370

all the way up to number 60

1181

00:55:06,000 --> 00:55:03,110

that's it rolling on the table now and

1182

00:55:11,380 --> 00:55:06,010

I'll spin it and roll it here we go

1183

00:55:15,490 --> 00:55:11,390

falls off the table it's taking a long

1184

00:55:16,870 --> 00:55:15,500

time it looks like Jupiter more than nor

1185

00:55:18,850 --> 00:55:16,880

the strappy patterns here it's coming

1186

00:55:20,590 --> 00:55:18,860

it's slowing don't fall off the table

1187

00:55:26,350 --> 00:55:20,600

it's slowing down I know you're waiting

1188

00:55:28,840 --> 00:55:26,360

for this after all that it's 23 the

1189

00:55:30,220 --> 00:55:28,850

first number is 23 I got to write this

1190

00:55:32,200 --> 00:55:30,230

down because sometimes I do this may

1191

00:55:33,820 --> 00:55:32,210

even forget the numbers you should see

1192

00:55:35,860 --> 00:55:33,830

what goes on behind the scenes here 23

1193

00:55:38,980 --> 00:55:35,870

ok the next number coming up on see if I

1194

00:55:48,360 --> 00:55:38,990

can make this a bit quicker come on

1195

00:55:50,040 --> 00:55:48,370

there we go and the next number is 14

1196

00:55:57,900 --> 00:55:50,050

write that down

1197

00:56:00,370 --> 00:55:57,910

23 14 and the last number that was quick

1198

00:56:10,420 --> 00:56:00,380

27