

The Skeptic Zone
Show 402- 3 July 2016



Basil Rathbone

1
00:00:22,790 --> 00:00:09,089
welcome to the skeptic zone the podcast

2
00:00:31,920 --> 00:00:25,769
hello and welcome to the skeptic zone

3
00:00:34,650 --> 00:00:31,930
show number 402 episode 402 part 402

4
00:00:36,569 --> 00:00:34,660
well there's 402 of the skeptic zone

5
00:00:40,890 --> 00:00:36,579
including this one I think you get the

6
00:00:42,510 --> 00:00:40,900
idea for the third of July 2016 Richard

7
00:00:44,780 --> 00:00:42,520
Saunders here with you froms in the

8
00:00:48,600 --> 00:00:44,790
Australia the country with no leadership

9
00:00:51,720 --> 00:00:48,610
hmm as Australians know we had a general

10
00:00:53,940 --> 00:00:51,730
election yesterday and what a great day

11
00:00:55,740 --> 00:00:53,950
it was because general elections in

12
00:00:58,260 --> 00:00:55,750
Australia are a lot of fun especially

13
00:01:01,889 --> 00:00:58,270

when you turn up at the polling booth

14

00:01:03,870 --> 00:01:01,899

and there's a sausage sizzle yes a great

15

00:01:06,630 --> 00:01:03,880

australian tradition on Election Day

16

00:01:09,149 --> 00:01:06,640

state or federal when you turn up at the

17

00:01:11,160 --> 00:01:09,159

polling booth there usually is a sausage

18

00:01:13,919 --> 00:01:11,170

sizzle and I had a pretty damn good

19

00:01:16,580 --> 00:01:13,929

sausage with some mustard and some mar

20

00:01:18,959 --> 00:01:16,590

chile sauce for three dollars fifty i

21

00:01:21,599 --> 00:01:18,969

think they should have more elections in

22

00:01:24,629 --> 00:01:21,609

australia just to get the sausage sizzle

23

00:01:27,149 --> 00:01:24,639

but the result of the election nobody

24

00:01:28,770 --> 00:01:27,159

knows it's up in the air we don't know

25

00:01:31,080 --> 00:01:28,780

who's going to be the next prime

26
00:01:33,419 --> 00:01:31,090
minister or who will be which party will

27
00:01:35,910 --> 00:01:33,429
be the next government it's a bit

28
00:01:39,059 --> 00:01:35,920
confusing I think we'll find out in a

29
00:01:41,459 --> 00:01:39,069
couple of days but no um as the time of

30
00:01:43,349 --> 00:01:41,469
this recording we just don't know but

31
00:01:45,539 --> 00:01:43,359
let's take a look at what's coming up on

32
00:01:48,449 --> 00:01:45,549
this week's show we're going to kick off

33
00:01:50,940 --> 00:01:48,459
with our new reporter dr. Cassandra

34
00:01:55,859 --> 00:01:50,950
Perryman you're the little pcs done

35
00:01:57,480 --> 00:01:55,869
about well what she calls mind woo woo

36
00:01:58,980 --> 00:01:57,490
when it comes to health products like

37
00:02:02,789 --> 00:01:58,990
homeopathy which will be getting to

38
00:02:04,830 --> 00:02:02,799

later on in the show or things like nazy

39

00:02:07,379 --> 00:02:04,840

ology applied kinesiology that is we

40

00:02:09,490 --> 00:02:07,389

consider to be whoo kyra largely

41

00:02:16,840 --> 00:02:09,500

chiropractic

42

00:02:19,030 --> 00:02:16,850

aroma therapy acupuncture cassandra is

43

00:02:25,990 --> 00:02:19,040

going to be looking at the psychological

44

00:02:31,990 --> 00:02:26,000

whoo mindfulness coloring books life

45

00:02:34,570 --> 00:02:32,000

coaches breathing this sort of thing a

46

00:02:36,760 --> 00:02:34,580

short report to kick off the skeptic

47

00:02:39,070 --> 00:02:36,770

zone with a dr. Cassandra Berryman who's

48

00:02:40,780 --> 00:02:39,080

just getting over a bit of a cold i

49

00:02:44,470 --> 00:02:40,790

think at the moment and we look forward

50

00:02:47,170 --> 00:02:44,480

to more reports from her coming up then

51
00:02:49,800 --> 00:02:47,180
after that a blast from the past there

52
00:02:55,620 --> 00:02:49,810
long ago past the early part of last

53
00:02:58,479 --> 00:02:55,630
century Sherlock Holmes the 1930s 1940s

54
00:03:00,550 --> 00:02:58,489
Basil Rathbone Nigel Bruce Sherlock

55
00:03:02,949 --> 00:03:00,560
Holmes series of movies I'm going to

56
00:03:05,800 --> 00:03:02,959
play a clip from one that demonstrates

57
00:03:07,840 --> 00:03:05,810
quite clearly quite clearly Sherlock

58
00:03:10,000 --> 00:03:07,850
Holmes was a very good skeptic oh yes

59
00:03:12,820 --> 00:03:10,010
despite coming up against various

60
00:03:15,340 --> 00:03:12,830
somewhere supernatural bits and pieces

61
00:03:17,530 --> 00:03:15,350
it turns out well at least in the movies

62
00:03:20,590 --> 00:03:17,540
anyway Sherlock Holmes was a skeptic and

63
00:03:23,110 --> 00:03:20,600

I'll play the clip to prove it I think

64

00:03:25,270 --> 00:03:23,120

you'll get a kick out of that a kick out

65

00:03:26,740 --> 00:03:25,280

of this segment then following that it's

66

00:03:28,449 --> 00:03:26,750

a piece by Tim mendham from the

67

00:03:32,680 --> 00:03:28,459

Australian skeptics right out by me

68

00:03:35,430 --> 00:03:32,690

about our concerns around a chiropractor

69

00:03:38,770 --> 00:03:35,440

referring patients to a fake

70

00:03:41,080 --> 00:03:38,780

gynecologist hmm and don't forget you

71

00:03:44,110 --> 00:03:41,090

can get a wealth of information reports

72

00:03:47,110 --> 00:03:44,120

at skeptics comdata you the website of

73

00:03:49,720 --> 00:03:47,120

Australian skeptics including including

74

00:03:54,310 --> 00:03:49,730

free to download all the back issues of

75

00:03:56,319 --> 00:03:54,320

the journal the skeptic and I have the

76

00:03:59,080 --> 00:03:56,329

latest copy right here in my hands it's

77

00:04:03,699 --> 00:03:59,090

pretty good the skeptic volume 36 number

78

00:04:06,729 --> 00:04:03,709

two from June 2016 science booze and

79

00:04:09,789 --> 00:04:06,739

goons it says hmm the main feature is

80

00:04:11,979 --> 00:04:09,799

about protecting consumer rights great

81

00:04:16,210 --> 00:04:11,989

magazine one of the older skeptical

82

00:04:18,250 --> 00:04:16,220

journals in the world and you can read

83

00:04:20,620 --> 00:04:18,260

all the back issues download and read

84

00:04:23,090 --> 00:04:20,630

all the back issues for free at skeptics

85

00:04:25,730 --> 00:04:23,100

com au and I encourage

86

00:04:26,990 --> 00:04:25,740

to subscribe in fact if you subscribe

87

00:04:30,080 --> 00:04:27,000

you can choose whether to get the

88

00:04:32,690 --> 00:04:30,090

physical copy which I have right here or

89

00:04:35,090 --> 00:04:32,700

indeed you can get the electronic coffee

90

00:04:36,980 --> 00:04:35,100

or both but check it out at skeptics

91

00:04:39,170 --> 00:04:36,990

calm today you then to wrap up the show

92

00:04:42,620 --> 00:04:39,180

a concerning story about homeopathy and

93

00:04:45,770 --> 00:04:42,630

pets homeopathy can kill pets and should

94

00:04:47,540 --> 00:04:45,780

be banned says vets a story read out to

95

00:04:49,220 --> 00:04:47,550

us by our dear friend Lauren Cochrane

96

00:04:52,220 --> 00:04:49,230

and they'll be followed up by another

97

00:04:54,470 --> 00:04:52,230

report from medical daily com referring

98

00:04:58,010 --> 00:04:54,480

to a another video about homeopathy

99

00:05:00,140 --> 00:04:58,020

which I will link to in this week's show

100

00:05:03,140 --> 00:05:00,150

notes but before we get stuck into the

101
00:05:05,360 --> 00:05:03,150
show check out Maynard Comte you for the

102
00:05:08,030 --> 00:05:05,370
latest bunga bunga podcast we have Tim

103
00:05:10,400 --> 00:05:08,040
Ferguson it's all about the supernova

104
00:05:13,460 --> 00:05:10,410
fan science fiction fan festival here in

105
00:05:15,290 --> 00:05:13,470
Sydney it's a it's a huge effort by

106
00:05:17,960 --> 00:05:15,300
Maynard to put all these interviews

107
00:05:21,140 --> 00:05:17,970
together he was running around with his

108
00:05:23,480 --> 00:05:21,150
microphone interviewing everybody twice

109
00:05:25,940 --> 00:05:23,490
I think but there's a video which

110
00:05:28,280 --> 00:05:25,950
accompanies this week's bunga bunga so

111
00:05:30,560 --> 00:05:28,290
check that out at Manor comdata you was

112
00:05:32,690 --> 00:05:30,570
a lot of fun I was there making the

113
00:05:34,700 --> 00:05:32,700

video and what a lot of fun we had I

114

00:05:37,010 --> 00:05:34,710

think you'll enjoy it Maynard and I are

115

00:05:39,110 --> 00:05:37,020

also looking forward very much in August

116

00:05:41,750 --> 00:05:39,120

in August we're going to be performing

117

00:05:45,020 --> 00:05:41,760

the mystery investigators show we do

118

00:05:47,360 --> 00:05:45,030

every year for schools and this time

119

00:05:49,370 --> 00:05:47,370

it's at the Australian Museum as part of

120

00:05:51,110 --> 00:05:49,380

science week so we're getting ready for

121

00:05:53,240 --> 00:05:51,120

that we have a bed of nails we do

122

00:05:56,030 --> 00:05:53,250

optical illusions and spoon bending and

123

00:05:57,620 --> 00:05:56,040

may not a bit of nails as listeners know

124

00:06:00,020 --> 00:05:57,630

from last year mate or what happens is I

125

00:06:02,150 --> 00:06:00,030

lie on the bed of nails Maynard then

126

00:06:04,310 --> 00:06:02,160

stands on top of me and plays his

127

00:06:06,290 --> 00:06:04,320

trombone but that's enough for me right

128

00:06:08,000 --> 00:06:06,300

now I'm going to run downstairs try to

129

00:06:10,120 --> 00:06:08,010

beat the cats to the fridge or the

130

00:06:13,600 --> 00:06:10,130

cupboard they're getting quite big the

131

00:06:16,370 --> 00:06:13,610

skeptic zone cats Henrietta and Maude

132

00:06:17,930 --> 00:06:16,380

this is amazing how quickly kittens grow

133

00:06:20,450 --> 00:06:17,940

it really is i think i'll run downstairs

134

00:06:23,450 --> 00:06:20,460

beat them to the fridge what I have I'll

135

00:06:27,560 --> 00:06:23,460

have um I'll have some nice chicken and

136

00:06:30,590 --> 00:06:27,570

corn soup mmm some crusty toast while

137

00:06:49,290 --> 00:06:30,600

I'm enjoying that I hope you enjoy the

138

00:07:08,530 --> 00:06:57,730

the Cass files with dr. Cassandra

139

00:07:10,390 --> 00:07:08,540

Perryman this is dr. Cassandra Perryman

140

00:07:12,670 --> 00:07:10,400

and today on the cast files we're going

141

00:07:21,700 --> 00:07:12,680

to discuss the mind part of the

142

00:07:23,500 --> 00:07:21,710

mind-body wallet a skeptics were trained

143

00:07:25,660 --> 00:07:23,510

to look at the medical whoo the

144

00:07:28,420 --> 00:07:25,670

conspiracy theory whoo and once for some

145

00:07:31,510 --> 00:07:28,430

of us even a flat earth whoo but what

146

00:07:33,880 --> 00:07:31,520

about psychological blue poor treatment

147

00:07:35,860 --> 00:07:33,890

both medically and psychologically

148

00:07:38,970 --> 00:07:35,870

greatly affects an individual's quality

149

00:07:42,510 --> 00:07:38,980

of life and can be blatantly dangerous

150

00:07:44,590 --> 00:07:42,520

so could you recognize then a

151
00:07:48,400 --> 00:07:44,600
psychological woo is readily and easily

152
00:07:50,590 --> 00:07:48,410
as you recognize a medical whoo one that

153
00:07:52,450 --> 00:07:50,600
probably jumps to mind if any jump to

154
00:07:54,700 --> 00:07:52,460
mind at all is mindfulness now

155
00:07:58,810 --> 00:07:54,710
mindfulness is a type of CVT or

156
00:08:01,210 --> 00:07:58,820
cognitive behavioral therapy CBT is

157
00:08:04,050 --> 00:08:01,220
efficacious has been researched for

158
00:08:08,290 --> 00:08:04,060
quite a long time it is an umbrella term

159
00:08:10,150 --> 00:08:08,300
generally under CBT there's a cognitive

160
00:08:12,520 --> 00:08:10,160
triad there's this negative view of

161
00:08:15,820 --> 00:08:12,530
self- view of the future and negative

162
00:08:18,790 --> 00:08:15,830
view of the world this triad then leads

163
00:08:22,150 --> 00:08:18,800

to a negative self schema and the

164

00:08:25,180 --> 00:08:22,160

purpose of the therapy is to adjust this

165

00:08:28,350 --> 00:08:25,190

negative triad mindfulness on the other

166

00:08:31,390 --> 00:08:28,360

hand has drawn in concepts from Buddhism

167

00:08:36,640 --> 00:08:31,400

instead of focusing on the cognitive

168

00:08:38,709 --> 00:08:36,650

triad they focus on the being mowed the

169

00:08:42,490 --> 00:08:38,719

being mowed stresses the idea of living

170

00:08:44,020 --> 00:08:42,500

and being in the now this is thought to

171

00:08:46,300 --> 00:08:44,030

allow the individual to have a more

172

00:08:48,400 --> 00:08:46,310

flexible and accepting mindset as

173

00:08:50,770 --> 00:08:48,410

opposed to somebody who's past or future

174

00:08:51,750 --> 00:08:50,780

oriented which leads to a more rigid

175

00:08:54,630 --> 00:08:51,760

mindset

176

00:08:56,250 --> 00:08:54,640

this perspective of the being mode is

177

00:08:59,430 --> 00:08:56,260

based on the Buddhist concept of

178

00:09:02,760 --> 00:08:59,440

metacognition and especially the ability

179

00:09:04,380 --> 00:09:02,770

to D center the core clinical practice

180

00:09:08,220 --> 00:09:04,390

then is what's called the 3-minute

181

00:09:10,320 --> 00:09:08,230

breathing space this kind of therapy is

182

00:09:12,960 --> 00:09:10,330

typically group administered which is

183

00:09:14,670 --> 00:09:12,970

not bad in and of itself this sessions

184

00:09:16,710 --> 00:09:14,680

are typically about two hours plus

185

00:09:19,650 --> 00:09:16,720

there's homework some all day workshops

186

00:09:21,480 --> 00:09:19,660

some workbooks and it can be

187

00:09:24,570 --> 00:09:21,490

administered by a clinician but is

188

00:09:27,300 --> 00:09:24,580

typically and well readily administered

189

00:09:29,070 --> 00:09:27,310

by a life coach the difference between a

190

00:09:30,750 --> 00:09:29,080

clinician and a life coach being that a

191

00:09:32,550 --> 00:09:30,760

clinician will have a postgraduate

192

00:09:35,220 --> 00:09:32,560

degree in psychology and a life coach

193

00:09:36,690 --> 00:09:35,230

will can train online now you've

194

00:09:39,000 --> 00:09:36,700

probably I'll come across at least the

195

00:09:42,170 --> 00:09:39,010

commercialized version of mindfulness in

196

00:09:45,030 --> 00:09:42,180

these adult meditative coloring books

197

00:09:47,190 --> 00:09:45,040

the question is then does it does it

198

00:09:49,520 --> 00:09:47,200

work well the coloring books certainly

199

00:09:53,190 --> 00:09:49,530

not sand only invest in them if you like

200

00:09:54,660 --> 00:09:53,200

coloring but what about the therapy will

201
00:09:57,030 --> 00:09:54,670
research has shown that it doesn't work

202
00:09:59,270 --> 00:09:57,040
any better than medication and certainly

203
00:10:02,490 --> 00:09:59,280
not any better than actual CBT and

204
00:10:04,830 --> 00:10:02,500
because it's great based any sort of

205
00:10:07,410 --> 00:10:04,840
effect that can be seen can't be sorted

206
00:10:11,730 --> 00:10:07,420
out between what's the therapy and what

207
00:10:15,270 --> 00:10:11,740
is just group and social support what's

208
00:10:18,720 --> 00:10:15,280
the harm then well improper treatment is

209
00:10:21,090 --> 00:10:18,730
dangerous and unethical mindfulness

210
00:10:23,250 --> 00:10:21,100
doesn't teach you how to change your

211
00:10:24,660 --> 00:10:23,260
self schema in your internal dialogue

212
00:10:26,970 --> 00:10:24,670
rather it tells you that you should

213
00:10:28,830 --> 00:10:26,980

accept an act in spite of it to achieve

214

00:10:30,720 --> 00:10:28,840

your goals you're taught to accept

215

00:10:33,120 --> 00:10:30,730

suffering and accept pain and to embrace

216

00:10:36,000 --> 00:10:33,130

the now experience even if it is harmful

217

00:10:38,340 --> 00:10:36,010

or painful some practitioners goes far

218

00:10:40,560 --> 00:10:38,350

saying happiness is a trap primarily

219

00:10:43,140 --> 00:10:40,570

just because it's a cognitive construct

220

00:10:45,570 --> 00:10:43,150

and schema what if the problem then that

221

00:10:48,090 --> 00:10:45,580

the person is facing is their negative

222

00:10:51,540 --> 00:10:48,100

self schema not their ability to work in

223

00:10:54,030 --> 00:10:51,550

spite of it not having a properly

224

00:10:56,280 --> 00:10:54,040

treated negative self schema leads to

225

00:10:59,790 --> 00:10:56,290

increased depression in Greece stress

226

00:11:02,850 --> 00:10:59,800

and increased anxiety so how exactly did

227

00:11:05,220 --> 00:11:02,860

mindfulness help the person now one of

228

00:11:08,100 --> 00:11:05,230

the big red flags for mindfulness

229

00:11:10,590 --> 00:11:08,110

well it is based on Buddhism nothing

230

00:11:13,230 --> 00:11:10,600

inherently wrong I suppose with Buddhism

231

00:11:17,400 --> 00:11:13,240

but it's definitely not a psychological

232

00:11:18,870 --> 00:11:17,410

therapy so that's it for now beware when

233

00:11:20,910 --> 00:11:18,880

you're going to your next mind-body

234

00:11:38,340 --> 00:11:20,920

wallet festival realize that the mind

235

00:11:41,520 --> 00:11:38,350

they're talking about is mindfulness hey

236

00:11:43,290 --> 00:11:41,530

widget oh hi Trish Wow would you like a

237

00:11:45,780 --> 00:11:43,300

coffee yeah thanks what you're working

238

00:11:47,810 --> 00:11:45,790

on trying to come up with a new promo to

239

00:11:50,640 --> 00:11:47,820

play on the skeptic zone who's it for

240

00:11:53,250 --> 00:11:50,650

the good thinking society in the UK you

241

00:11:55,140 --> 00:11:53,260

know Michael Marshall Simon Singh Nora

242

00:11:56,820 --> 00:11:55,150

Thomas and background oh yeah I know

243

00:11:59,270 --> 00:11:56,830

them they've been doing some great work

244

00:12:02,190 --> 00:11:59,280

investigating veterinary homeopathy

245

00:12:04,650 --> 00:12:02,200

vetri homeopathy what you sugarpill this

246

00:12:05,910 --> 00:12:04,660

freak out I know right and also they're

247

00:12:07,860 --> 00:12:05,920

looking at some of the dodgy medical

248

00:12:09,990 --> 00:12:07,870

advice given by UK chiropractors I'll

249

00:12:15,050 --> 00:12:10,000

mention all that in the promo now their

250

00:12:17,370 --> 00:12:15,060

website is good thinking society org and

251
00:12:19,140 --> 00:12:17,380
they've recently been reporting on the

252
00:12:21,780 --> 00:12:19,150
resurgence of faith healer peter Popoff

253
00:12:23,160 --> 00:12:21,790
you know Papa right ok look thanks to

254
00:13:18,500 --> 00:12:23,170
that it gives me something good to think

255
00:13:25,460 --> 00:13:22,610
ah yes that music now some of you will

256
00:13:27,890 --> 00:13:25,470
know that music very well it comes from

257
00:13:30,680 --> 00:13:27,900
a series of movies made in the 30s and

258
00:13:32,630 --> 00:13:30,690
the 40 starring Nigel Bruce is dr.

259
00:13:35,180 --> 00:13:32,640
Watson and basil rathbone the

260
00:13:36,920 --> 00:13:35,190
incomparable Basil Rathbone as Sherlock

261
00:13:39,740 --> 00:13:36,930
Holmes now I grew up watching these

262
00:13:41,990 --> 00:13:39,750
movies that were sort of played not too

263
00:13:45,290 --> 00:13:42,000

late at night I remember in the school

264

00:13:47,810 --> 00:13:45,300

holidays I seem to remember in late 70s

265

00:13:50,180 --> 00:13:47,820

we would watch those and we love them as

266

00:13:55,220 --> 00:13:50,190

kids we thought they were just wonderful

267

00:13:57,470 --> 00:13:55,230

for me Basil Rathbone is Sherlock Holmes

268

00:13:58,850 --> 00:13:57,480

I mean I like the others I like every

269

00:14:01,310 --> 00:13:58,860

interpretation of Sherlock Holmes I

270

00:14:03,770 --> 00:14:01,320

think i'm a big fan but for me because

271

00:14:05,750 --> 00:14:03,780

of the early introduction I think Basil

272

00:14:07,790 --> 00:14:05,760

Rathbone really is Sherlock Holmes if

273

00:14:09,200 --> 00:14:07,800

you haven't seen his movies he is

274

00:14:12,410 --> 00:14:09,210

Sherlock Holmes movies they're all on

275

00:14:14,060 --> 00:14:12,420

YouTube whether they're out of copyright

276

00:14:15,980 --> 00:14:14,070

or not in fact some of them were in the

277

00:14:18,140 --> 00:14:15,990

public domain I've discovered which is

278

00:14:20,780 --> 00:14:18,150

interesting a quick look on youtube

279

00:14:23,330 --> 00:14:20,790

basil Rathbones Sherlock Holmes or sean

280

00:14:26,210 --> 00:14:23,340

combs 1939 movies you'll find them and

281

00:14:28,400 --> 00:14:26,220

if you haven't seen them or if you know

282

00:14:31,280 --> 00:14:28,410

people the younger generation you

283

00:14:35,810 --> 00:14:31,290

haven't seen them grab some popcorn set

284

00:14:37,820 --> 00:14:35,820

up your TV and watch one one of my

285

00:14:39,860 --> 00:14:37,830

favorites is called terror by night I'm

286

00:14:41,960 --> 00:14:39,870

in there a bit corny yes they're only an

287

00:14:44,540 --> 00:14:41,970

hour roughly an hour long these movies

288

00:14:46,520 --> 00:14:44,550

there are I think 14 in the series which

289

00:14:49,160 --> 00:14:46,530

is great fun and a lot of them are

290

00:14:52,790 --> 00:14:49,170

actually set during World War Two with

291

00:14:55,220 --> 00:14:52,800

Sherlock Holmes battling Nazi

292

00:14:57,500 --> 00:14:55,230

infiltrators and secret weapons and all

293

00:14:59,780 --> 00:14:57,510

this sort of stuff but yes what great

294

00:15:01,580 --> 00:14:59,790

fun but the reason I'm discussing this

295

00:15:02,960 --> 00:15:01,590

as I was watching one the other night I

296

00:15:04,940 --> 00:15:02,970

like to do occasionally and when I

297

00:15:08,510 --> 00:15:04,950

haven't seen for many years in fact many

298

00:15:12,020 --> 00:15:08,520

years because there's a wonderful little

299

00:15:15,170 --> 00:15:12,030

piece in it where Sherlock Holmes is

300

00:15:16,940 --> 00:15:15,180

talking about being a skeptic now this

301

00:15:19,550 --> 00:15:16,950

isn't from an original Arthur Conan

302

00:15:22,010 --> 00:15:19,560

Doyle story but that's okay so what I'd

303

00:15:26,750 --> 00:15:22,020

like to do now is play a few minutes

304

00:15:28,730 --> 00:15:26,760

from the Scarlet claw 1944 starring

305

00:15:30,650 --> 00:15:28,740

basil Rathbones Sherlock Holmes Nigel

306

00:15:32,100 --> 00:15:30,660

Bruce is dr. Watson and in this clip

307

00:15:35,430 --> 00:15:32,110

you'll also hear

308

00:15:39,389 --> 00:15:35,440

Kevin are playing Lord pin rose Lord

309

00:15:40,920 --> 00:15:39,399

William Penn rose yes he's addressing a

310

00:15:45,900 --> 00:15:40,930

meeting of the Royal Canadian occult

311

00:15:48,000 --> 00:15:45,910

society and to quebec hotel gentlemen as

312

00:15:49,530 --> 00:15:48,010

your hope the greatest obstacle

313

00:15:54,300 --> 00:15:49,540

improving the authenticity of the occult

314

00:15:56,430 --> 00:15:54,310

lies in finding facts however if the

315

00:15:58,819 --> 00:15:56,440

facts are there even the most hardened

316

00:16:01,560 --> 00:15:58,829

skeptic providing it has an open mind

317

00:16:03,810 --> 00:16:01,570

must finally acknowledge the actual

318

00:16:06,690 --> 00:16:03,820

existence of supernatural you admit that

319

00:16:09,090 --> 00:16:06,700

mr. home facts always convincing Lord

320

00:16:11,310 --> 00:16:09,100

Penrose it's the conclusions drawn from

321

00:16:12,900 --> 00:16:11,320

facts that are frequent you never yes in

322

00:16:14,610 --> 00:16:12,910

the case of the hand of the Baskervilles

323

00:16:18,410 --> 00:16:14,620

as well as in the invention of the

324

00:16:21,690 --> 00:16:18,420

Sussex Empire we found the simply oh

325

00:16:26,310 --> 00:16:21,700

well gentlemen this time I have facts

326

00:16:28,889 --> 00:16:26,320

cold facts many years ago 100 to be

327

00:16:31,769 --> 00:16:28,899

exact an apparition appear at night in

328

00:16:33,210 --> 00:16:31,779

the village now called la mouche the

329

00:16:35,819 --> 00:16:33,220

following morning three people were

330

00:16:38,639 --> 00:16:35,829

found dead the throats torn out hence

331

00:16:43,079 --> 00:16:38,649

the town's rather grim name interesting

332

00:16:44,939 --> 00:16:43,089

ears but facts know how do you think the

333

00:16:46,819 --> 00:16:44,949

tales of superstitious peasants can be

334

00:16:49,410 --> 00:16:46,829

considered haven't finished mr. Holmes

335

00:16:50,939 --> 00:16:49,420

the Mirage is again being seen of these

336

00:16:52,620 --> 00:16:50,949

strange and unexplainable occurrences

337

00:16:54,660 --> 00:16:52,630

unexplainable that is from your point of

338

00:16:56,430 --> 00:16:54,670

view several of our most responsible

339

00:16:57,990 --> 00:16:56,440

citizens have actually seen the strange

340

00:17:00,389 --> 00:16:58,000

apparition on the marshes at night and

341

00:17:02,280 --> 00:17:00,399

next morning sheep were discovered their

342

00:17:04,409 --> 00:17:02,290

throats torn out and no traces of the

343

00:17:05,850 --> 00:17:04,419

killer anywhere to be found oh you read

344

00:17:07,909 --> 00:17:05,860

about it in the papers no as a matter of

345

00:17:11,520 --> 00:17:07,919

fact I haven't it was merely a deduction

346

00:17:13,110 --> 00:17:11,530

rather obvious one I'm afraid deductions

347

00:17:14,939 --> 00:17:13,120

are a weakness of mine has dr. Watson

348

00:17:17,760 --> 00:17:14,949

can tell you who would you believe it

349

00:17:19,919 --> 00:17:17,770

Holmes killed well those are facts mr.

350

00:17:22,470 --> 00:17:19,929

Holmes ignore them if you can I never

351

00:17:23,909 --> 00:17:22,480

ignore facts more terrorists I have no

352

00:17:25,500 --> 00:17:23,919

doubt that the incident of the sheep of

353

00:17:27,720 --> 00:17:25,510

their throats torn out is unquestionably

354

00:17:29,340 --> 00:17:27,730

effect however the interpretation of

355

00:17:31,169 --> 00:17:29,350

this fact has been final proof of the

356

00:17:33,180 --> 00:17:31,179

existence of the supernatural is Melissa

357

00:17:35,190 --> 00:17:33,190

position therefore cannot be accepted

358

00:17:36,500 --> 00:17:35,200

without further data your opinions mr.

359

00:17:37,730 --> 00:17:36,510

Holmes are undoubtedly there

360

00:17:39,050 --> 00:17:37,740

your inability to cope with something

361

00:17:41,570 --> 00:17:39,060

beyond the realm of your comprehension

362

00:17:44,570 --> 00:17:41,580

so on man I'm sorry John but this

363

00:17:46,040 --> 00:17:44,580

ridiculous skepticism I I'm afraid law

364

00:17:48,290 --> 00:17:46,050

I'm gonna write understandable sir john

365

00:17:50,480 --> 00:17:48,300

Lord Penrose is deeply entrenched in his

366

00:17:52,340 --> 00:17:50,490

beliefs that's his privilege I'll hang

367

00:17:55,040 --> 00:17:52,350

it on home two fellows positively rude

368

00:17:58,550 --> 00:17:55,050

well so we see a little overwrought

369

00:18:01,220 --> 00:17:58,560

Watson well what a great little clip

370

00:18:02,930 --> 00:18:01,230

that was from the Scarlet claw also

371

00:18:05,780 --> 00:18:02,940

known as Sherlock Holmes and the scarlet

372

00:18:08,360 --> 00:18:05,790

cloth from 1944 and don't you just love

373

00:18:10,790 --> 00:18:08,370

that name the Royal Canadian occult

374

00:18:13,190 --> 00:18:10,800

society again if you haven't seen those

375

00:18:14,960 --> 00:18:13,200

movies from 30s in the 40 starring basil

376

00:18:17,600 --> 00:18:14,970

Rathbones Sherlock Holmes and Nigel

377

00:18:18,950 --> 00:18:17,610

Bruce is dr. Watson you might want to

378

00:18:21,290 --> 00:18:18,960

check them out and maybe you'll get a

379

00:18:23,690 --> 00:18:21,300

lot of enjoyment as I have over the

380

00:18:25,430 --> 00:18:23,700

years and it's no surprise the character

381

00:18:45,440 --> 00:18:25,440

like Sherlock Holmes would be a strong

382

00:18:51,690 --> 00:18:49,200

hi this is Carrie papi i am ross Blocher

383

00:18:55,140 --> 00:18:51,700

okay Ross hey we're from a podcast

384

00:18:56,880 --> 00:18:55,150

called oh no Ross and Carrie we find out

385

00:18:58,260 --> 00:18:56,890

what happens when you show up and ask

386

00:19:00,510 --> 00:18:58,270

questions we've hung out with the

387

00:19:03,090 --> 00:19:00,520

Cabalists the Mormons we've gone and

388

00:19:05,520 --> 00:19:03,100

gotten ear candle gone to the Sikhs we

389

00:19:07,140 --> 00:19:05,530

show up so you don't have to so find out

390

00:19:09,240 --> 00:19:07,150

where we're going next we'll even have

391

00:19:11,669 --> 00:19:09,250

special episodes where we have famous

392

00:19:13,650 --> 00:19:11,679

guests like Brian Dalton from mr. deity

393

00:19:15,690 --> 00:19:13,660

you heard that awesome theme music he

394

00:19:19,860 --> 00:19:15,700

wrote that you should come visit us at

395

00:19:22,620 --> 00:19:19,870

Oh No podcast.com or facebook.com slash

396

00:19:26,760 --> 00:19:22,630

on rack what the hell's honor a cross Oh

397

00:19:37,580 --> 00:19:26,770

in RAC Oh Oh No Ross and Carrie that's

398

00:19:44,250 --> 00:19:40,260

from the website of Australian skeptics

399

00:19:47,090 --> 00:19:44,260

skeptics kome you written by Tim mendham

400

00:19:51,020 --> 00:19:47,100

published on the thirtieth of June 2016

401
00:19:54,620 --> 00:19:51,030
chiropractor Floriani embroiled in fake

402
00:19:57,330 --> 00:19:54,630
gynecologist case Simon Floriani

403
00:19:58,770 --> 00:19:57,340
anti-vaccine chiropractor and former

404
00:20:01,500 --> 00:19:58,780
president of the chiropractor's

405
00:20:03,630 --> 00:20:01,510
Association of Australia has been named

406
00:20:06,840 --> 00:20:03,640
in court for referring one of his

407
00:20:10,140 --> 00:20:06,850
patients to a quote fake gynecologist

408
00:20:12,840 --> 00:20:10,150
end quote and as an aside and as

409
00:20:15,780 --> 00:20:12,850
listeners to the skeptic zone will be

410
00:20:18,180 --> 00:20:15,790
fully aware of i'm sure that many

411
00:20:20,640 --> 00:20:18,190
chiropractors not all of course but many

412
00:20:24,659 --> 00:20:20,650
chiropractors in this country at least

413
00:20:26,700 --> 00:20:24,669

seem to be anti-vaccination we read on

414

00:20:29,400 --> 00:20:26,710

the patient was one of several who were

415

00:20:33,210 --> 00:20:29,410

allegedly sexually assaulted by the

416

00:20:36,240 --> 00:20:33,220

self-professed IVF specialist rafael de

417

00:20:37,880 --> 00:20:36,250

pollo floriani pictured on the page by

418

00:20:40,409 --> 00:20:37,890

the way with his wife and

419

00:20:43,080 --> 00:20:40,419

anti-vaccination campaigner andrew

420

00:20:46,400 --> 00:20:43,090

wakefield was treating the woman for

421

00:20:49,230 --> 00:20:46,410

infertility despite this being outside a

422

00:20:51,510 --> 00:20:49,240

chiropractors area of competence and in

423

00:20:54,570 --> 00:20:51,520

breach of the chiropractic boards code

424

00:20:55,150 --> 00:20:54,580

of conduct and several warnings from the

425

00:20:57,970 --> 00:20:55,160

board

426

00:20:59,530 --> 00:20:57,980

after floriani had failed to help the

427

00:21:02,980 --> 00:20:59,540

woman fall pregnant by performing

428

00:21:06,190 --> 00:21:02,990

chiropractic quote adjustments men quote

429

00:21:10,090 --> 00:21:06,200

on her he referred her to die paleo a

430

00:21:13,210 --> 00:21:10,100

homeopath hmm who posed as a fertility

431

00:21:16,810 --> 00:21:13,220

expert according to a report in the Age

432

00:21:18,850 --> 00:21:16,820

newspaper d polio supposedly earned more

433

00:21:22,030 --> 00:21:18,860

than three hundred and forty-two

434

00:21:24,400 --> 00:21:22,040

thousand dollars between 2006 and 2015

435

00:21:26,650 --> 00:21:24,410

offering fertility treatments under the

436

00:21:29,560 --> 00:21:26,660

guise of being a medical practitioner

437

00:21:32,310 --> 00:21:29,570

and as another aside we often hear the

438

00:21:36,250 --> 00:21:32,320

term being bandied around healthcare

439

00:21:38,080 --> 00:21:36,260

professional which reminds me of this in

440

00:21:40,570 --> 00:21:38,090

this situation a lot of people with no

441

00:21:43,270 --> 00:21:40,580

qualifications or what we wouldn't call

442

00:21:46,360 --> 00:21:43,280

real qualifications still like to call

443

00:21:49,480 --> 00:21:46,370

themselves health care professionals we

444

00:21:52,510 --> 00:21:49,490

read on floriani and his chiropractor

445

00:21:54,910 --> 00:21:52,520

wife Jennifer Burnham floriani have a

446

00:21:57,880 --> 00:21:54,920

long history of anti-vaccination another

447

00:22:00,010 --> 00:21:57,890

non evidence-based activism they are

448

00:22:02,650 --> 00:22:00,020

regular presenters and attendees at the

449

00:22:04,840 --> 00:22:02,660

annual Californian Jam chiropractic

450

00:22:07,270 --> 00:22:04,850

event in the US appearing with other

451
00:22:10,360 --> 00:22:07,280
anti-vaccination activists such as

452
00:22:12,670 --> 00:22:10,370
Wakefield and sherry tympani in July

453
00:22:15,490 --> 00:22:12,680
2014 floriani and three other

454
00:22:17,830 --> 00:22:15,500
chiropractors at his vitality business

455
00:22:20,590 --> 00:22:17,840
were cautioned with having

456
00:22:22,450 --> 00:22:20,600
anti-vaccination paraphernalia in the

457
00:22:25,720 --> 00:22:22,460
Melbourne businesses waiting room

458
00:22:30,160 --> 00:22:25,730
another aside vitality business vitality

459
00:22:32,320 --> 00:22:30,170
reminds me of the word wellness we sort

460
00:22:34,030 --> 00:22:32,330
of call these words weasel words that

461
00:22:36,640 --> 00:22:34,040
means words that sound like they mean

462
00:22:39,190 --> 00:22:36,650
something that really don't vitality

463
00:22:42,520 --> 00:22:39,200

wellness another advertiser I know of

464

00:22:46,260 --> 00:22:42,530

uses the word zest take this pill to

465

00:22:49,330 --> 00:22:46,270

bring the zest back we read on in March

466

00:22:51,370 --> 00:22:49,340

2016 it was revealed that Floriani had

467

00:22:54,790 --> 00:22:51,380

sneaked into a Melbourne Hospital in

468

00:22:58,000 --> 00:22:54,800

2000 to treat a patient with a severe

469

00:23:00,550 --> 00:22:58,010

spinal injury floriani told the hospital

470

00:23:03,780 --> 00:23:00,560

that he was the patient's snowboard

471

00:23:07,060 --> 00:23:03,790

coach no wonder he had a spinal injury

472

00:23:09,010 --> 00:23:07,070

floriani facebook profile still features

473

00:23:11,680 --> 00:23:09,020

several videos in which he claimed

474

00:23:14,320 --> 00:23:11,690

to treat colic and other conditions in

475

00:23:16,240 --> 00:23:14,330

babies these conditions were recently

476

00:23:18,670 --> 00:23:16,250

cited by the chiropractic Board of

477

00:23:20,830 --> 00:23:18,680

Australia as breaches of advertising

478

00:23:23,490 --> 00:23:20,840

guidelines his activity has been

479

00:23:26,320 --> 00:23:23,500

referred to the border for action and

480

00:23:28,360 --> 00:23:26,330

thanks to professor Ken Harvey and

481

00:23:30,460 --> 00:23:28,370

bloggers reasonable Hank for the

482

00:23:35,440 --> 00:23:30,470

information for this article which you

483

00:23:37,420 --> 00:23:35,450

can read at www.skeptics.com.au and as a

484

00:23:39,550 --> 00:23:37,430

last aside this reminds me of a

485

00:23:41,980 --> 00:23:39,560

conversation i had not so long ago with

486

00:23:45,240 --> 00:23:41,990

a friend of mine and a casual

487

00:23:49,890 --> 00:23:45,250

acquaintance who was not aware that

488

00:23:53,280 --> 00:23:49,900

chiropractic was more or less based in

489

00:23:56,650 --> 00:23:53,290

nonsense and non-scientific ideas non

490

00:23:58,360 --> 00:23:56,660

evidence-based we might say and it's

491

00:24:00,970 --> 00:23:58,370

very difficult for somebody who doesn't

492

00:24:03,160 --> 00:24:00,980

know that to accept that cold when you

493

00:24:07,150 --> 00:24:03,170

tell them and I can I can understand

494

00:24:10,110 --> 00:24:07,160

that many people people you know

495

00:24:13,570 --> 00:24:10,120

probably consider chiropractic to be a

496

00:24:16,480 --> 00:24:13,580

special form of medicine am a speciality

497

00:24:19,360 --> 00:24:16,490

so to speak so when you suggest to them

498

00:24:22,030 --> 00:24:19,370

it's not it's it well of course people

499

00:24:23,680 --> 00:24:22,040

get confused and it was put to me

500

00:24:25,170 --> 00:24:23,690

something that the skeptics here quite a

501
00:24:27,880 --> 00:24:25,180
lot which is called begging the question

502
00:24:29,770 --> 00:24:27,890
was put to me well if chiropractic

503
00:24:33,360 --> 00:24:29,780
doesn't work how come so many people are

504
00:24:36,550 --> 00:24:33,370
cured by it it's very hard to then

505
00:24:39,160 --> 00:24:36,560
unravel that especially when you're just

506
00:24:41,620 --> 00:24:39,170
having a chat to a friend it's difficult

507
00:24:45,580 --> 00:24:41,630
sometimes skeptics have a difficult job

508
00:24:47,520 --> 00:24:45,590
in explaining these things because

509
00:24:49,570 --> 00:24:47,530
there's a lot of unraveling to do and

510
00:24:52,720 --> 00:24:49,580
sometimes that doesn't go very far

511
00:24:55,450 --> 00:24:52,730
because people get defended or confused

512
00:24:58,690 --> 00:24:55,460
or they'll get short with you I've not

513
00:25:00,760 --> 00:24:58,700

yet found a eloquent way to convey all

514

00:25:04,870 --> 00:25:00,770

this stuff quickly maybe there's not

515

00:25:07,930 --> 00:25:04,880

maybe there's none it's also the same

516

00:25:10,120 --> 00:25:07,940

argument comes up with homeopathy if

517

00:25:12,430 --> 00:25:10,130

homeopathy doesn't work how come so many

518

00:25:14,590 --> 00:25:12,440

people get better by using it then you

519

00:25:16,960 --> 00:25:14,600

have to unravel that and explain begging

520

00:25:19,870 --> 00:25:16,970

the question but that doesn't get you

521

00:25:21,100 --> 00:25:19,880

very far sometimes and finally the same

522

00:25:24,850 --> 00:25:21,110

friend

523

00:25:26,890 --> 00:25:24,860

was not aware at all was simply not

524

00:25:30,250 --> 00:25:26,900

aware that when you buy a bottle of

525

00:25:34,590 --> 00:25:30,260

homeopathic pills or liquid there's

526

00:25:38,970 --> 00:25:36,820

pardoned the analogy or the pun that can

527

00:25:41,730 --> 00:25:38,980

be hard to swallow for a lot of people

528

00:25:43,930 --> 00:25:41,740

when you suggest to the motel than the

529

00:25:46,990 --> 00:25:43,940

homeopathic preparation does not have

530

00:25:48,430 --> 00:25:47,000

ingredients in it it's it's very

531

00:25:50,410 --> 00:25:48,440

confusing and a lot of people won't

532

00:25:51,940 --> 00:25:50,420

accept it when you say that because it

533

00:25:54,430 --> 00:25:51,950

sounds so ridiculous it can't possibly

534

00:25:56,200 --> 00:25:54,440

be true again it can't possibly be true

535

00:25:57,250 --> 00:25:56,210

because people get better by using it

536

00:26:00,909 --> 00:25:57,260

and they come back to begging the

537

00:26:03,610 --> 00:26:00,919

question not always easy my friends not

538

00:26:06,580 --> 00:26:03,620

always easy but thanks again to Tim

539

00:26:08,070 --> 00:26:06,590

mendham I professor can Harvey and

540

00:26:11,680 --> 00:26:08,080

reasonable Hank for putting that

541

00:26:26,890 --> 00:26:11,690

information together at skeptics calm

542

00:26:29,740 --> 00:26:26,900

day you Australian skeptics National

543

00:26:31,990 --> 00:26:29,750

Convention 2016 will be hosted in

544

00:26:35,260 --> 00:26:32,000

Melbourne at the university of melbourne

545

00:26:37,480 --> 00:26:35,270

from the 25th to the 27th of november

546

00:26:40,210 --> 00:26:37,490

with the annual dinner being held at

547

00:26:44,380 --> 00:26:40,220

melbourne zoo on the evening of the 26th

548

00:26:47,130 --> 00:26:44,390

of November early bird ticket sales are

549

00:26:51,610 --> 00:26:47,140

online at the convention website

550

00:26:53,409 --> 00:26:51,620

convention skeptics comdata you and if

551
00:26:55,330 --> 00:26:53,419
you get an early bird ticket you'll

552
00:26:59,620 --> 00:26:55,340
receive a discount and be able to

553
00:27:01,180 --> 00:26:59,630
reserve seats close to the stage we can

554
00:27:04,120 --> 00:27:01,190
confirm that speakers for the convention

555
00:27:07,299 --> 00:27:04,130
will include Lawrence Krauss Ed's odd

556
00:27:10,930 --> 00:27:07,309
Ernst Harriet Hall Michael Marshall

557
00:27:14,760 --> 00:27:10,940
Katie Mac and Mel Thompson with many

558
00:27:17,800 --> 00:27:14,770
more great speakers to be announced soon

559
00:27:20,500 --> 00:27:17,810
nicholas j johnson is our emcee for the

560
00:27:22,480 --> 00:27:20,510
annual dinner information about our

561
00:27:25,300 --> 00:27:22,490
speakers is available from the

562
00:27:41,190 --> 00:27:25,310
convention website so that's convention

563
00:27:48,269 --> 00:27:43,440

this is Lauren Cochran with an article

564

00:27:50,549 --> 00:27:48,279

from The Telegraph by Sarah naptin vets

565

00:27:52,620 --> 00:27:50,559

are calling for a ban on homeopathy for

566

00:27:54,389 --> 00:27:52,630

pets claiming animals cannot benefit

567

00:27:55,860 --> 00:27:54,399

from the placebo effect because they are

568

00:27:57,899 --> 00:27:55,870

unaware that they are being treated

569

00:27:59,519 --> 00:27:57,909

Danny chambers who teaches at the

570

00:28:01,710 --> 00:27:59,529

University of Edinburgh said that

571

00:28:03,720 --> 00:28:01,720

homeopathy has no basis in science and

572

00:28:05,610 --> 00:28:03,730

prevents the use of Orthodox remedies

573

00:28:08,070 --> 00:28:05,620

which can lead to an unnecessary

574

00:28:09,690 --> 00:28:08,080

suffering and even death more than a

575

00:28:12,029 --> 00:28:09,700

thousand vets have now signed a petition

576

00:28:13,320 --> 00:28:12,039

started by mr. chambers which calls on

577

00:28:15,389 --> 00:28:13,330

the Royal College of Veterinary Surgeons

578

00:28:17,659 --> 00:28:15,399

to prohibit homeopathic treatments

579

00:28:19,950 --> 00:28:17,669

writing in New Scientist he said

580

00:28:21,600 --> 00:28:19,960

amazingly it is still offered and

581

00:28:23,730 --> 00:28:21,610

promoted by a small number of vets in

582

00:28:25,830 --> 00:28:23,740

the UK this is plain weird when you

583

00:28:27,659 --> 00:28:25,840

think about it animals do not experience

584

00:28:30,000 --> 00:28:27,669

a placebo effect because they are

585

00:28:31,860 --> 00:28:30,010

unaware that they are being treated vets

586

00:28:33,419 --> 00:28:31,870

who practice homeopathy should not be

587

00:28:36,000 --> 00:28:33,429

permitted to use their professional

588

00:28:37,409 --> 00:28:36,010

standing to promote its validity they

589

00:28:39,149 --> 00:28:37,419

should not be allowed to charge a fee

590

00:28:41,690 --> 00:28:39,159

for something that has been proven to be

591

00:28:44,430 --> 00:28:41,700

ineffective this line must be drawn

592

00:28:46,139 --> 00:28:44,440

after all no one would argue that vets

593

00:28:48,360 --> 00:28:46,149

should be permitted to offer crystal

594

00:28:50,159 --> 00:28:48,370

healing or psychic healing let's stop

595

00:28:51,870 --> 00:28:50,169

vets from prescribing homeopathic

596

00:28:53,909 --> 00:28:51,880

treatments sending a clear message that

597

00:28:56,639 --> 00:28:53,919

these are not endorsed by 21st century

598

00:28:58,350 --> 00:28:56,649

medicine supporters of homeopathy

599

00:29:00,750 --> 00:28:58,360

believe it can treat everything from

600

00:29:02,190 --> 00:29:00,760

depression to hay fever the theory being

601
00:29:04,680 --> 00:29:02,200
that substances that produce the

602
00:29:06,600 --> 00:29:04,690
symptoms of an ailment can cure it once

603
00:29:08,730 --> 00:29:06,610
they've been watered down many times to

604
00:29:10,529 --> 00:29:08,740
reduce their strength advocates of the

605
00:29:12,779 --> 00:29:10,539
practice claim the water retains a

606
00:29:14,399 --> 00:29:12,789
memory of the original substance the

607
00:29:17,129 --> 00:29:14,409
Prince of Wales recently announced that

608
00:29:19,049 --> 00:29:17,139
he uses homeopathy on his cattle but

609
00:29:21,180 --> 00:29:19,059
critics say the only benefits are in the

610
00:29:23,250 --> 00:29:21,190
mind with a Lancet study concluding that

611
00:29:24,899 --> 00:29:23,260
homeopathy was no more effective than

612
00:29:28,830 --> 00:29:24,909
the standard sugar pill given as a

613
00:29:30,509 --> 00:29:28,840

placebo in clinical trials in 2010 the

614

00:29:32,009 --> 00:29:30,519

Science and Technology Committee agreed

615

00:29:33,509 --> 00:29:32,019

that there was no evidence the drugs

616

00:29:36,090 --> 00:29:33,519

were any more effective than a placebo

617

00:29:38,279 --> 00:29:36,100

the chief medical officer Dame Sally

618

00:29:41,940 --> 00:29:38,289

Davies has also said that homeopathy is

619

00:29:43,830 --> 00:29:41,950

rubbish most NHS trusts no longer fund

620

00:29:45,840 --> 00:29:43,840

homeopathic treatments which do not

621

00:29:48,750 --> 00:29:45,850

include complimentary therapies such as

622

00:29:50,669 --> 00:29:48,760

acupuncture but there are at least 46

623

00:29:54,119 --> 00:29:50,679

practices across Britain which still

624

00:29:55,110 --> 00:29:54,129

offer treatment mr. chambers added the

625

00:29:56,490 --> 00:29:55,120

danger is not only

626

00:29:59,160 --> 00:29:56,500

due to the remedies being ineffective

627

00:30:01,350 --> 00:29:59,170

but the belief held by some homeopaths

628

00:30:03,810 --> 00:30:01,360

that such therapies can be a substitute

629

00:30:06,120 --> 00:30:03,820

for Orthodox treatment this is at best

630

00:30:08,240 --> 00:30:06,130

misleading and at worse may lead to

631

00:30:10,110 --> 00:30:08,250

unnecessary suffering or death

632

00:30:12,330 --> 00:30:10,120

substituting effective and appropriate

633

00:30:14,850 --> 00:30:12,340

treatment with homeopathy for serious

634

00:30:16,980 --> 00:30:14,860

diseases such as hyperthyroidism in a

635

00:30:19,250 --> 00:30:16,990

cat good result in a personal tragedy

636

00:30:21,570 --> 00:30:19,260

for the owner of a much-loved pet

637

00:30:23,190 --> 00:30:21,580

allowing a small minority of vets to

638

00:30:24,930 --> 00:30:23,200

continue prescribing homeopathic

639

00:30:26,700 --> 00:30:24,940

remedies adds legitimacy to a

640

00:30:28,710 --> 00:30:26,710

pseudoscience that may lead to belief

641

00:30:31,260 --> 00:30:28,720

that it is a genuinely effective

642

00:30:32,850 --> 00:30:31,270

medicine however a spokesman for the

643

00:30:35,070 --> 00:30:32,860

British Association of homeopathic

644

00:30:37,520 --> 00:30:35,080

veterinary surgeons said that people who

645

00:30:39,960 --> 00:30:37,530

opposed homeopathy had an axe to grind

646

00:30:41,880 --> 00:30:39,970

the Royal Society of Veterinary Surgeons

647

00:30:43,500 --> 00:30:41,890

has made it clear that homeopathic

648

00:30:45,299 --> 00:30:43,510

treatment is an acceptable type of

649

00:30:47,760 --> 00:30:45,309

therapy when practiced by trained vets

650

00:30:49,440 --> 00:30:47,770

you only have to look on our website and

651
00:30:51,150 --> 00:30:49,450
you will see examples of where dogs have

652
00:30:54,120 --> 00:30:51,160
been cured of cancer through homeopathy

653
00:30:58,180 --> 00:30:54,130
by and large people who oppose it just

654
00:31:03,410 --> 00:31:01,250
continuing on with homeopathy this story

655
00:31:08,090 --> 00:31:03,420
comes to us from medical daily at

656
00:31:11,540 --> 00:31:08,100
Medical daily.com alternative medicine

657
00:31:14,780 --> 00:31:11,550
homeopathy remedies no more effective

658
00:31:18,590 --> 00:31:14,790
than placebo sugar pills by lizette

659
00:31:21,230 --> 00:31:18,600
borreli every year during the flu or

660
00:31:23,420 --> 00:31:21,240
allergy season we see dozens of people

661
00:31:25,310 --> 00:31:23,430
lined up outside health stores looking

662
00:31:29,330 --> 00:31:25,320
for healing alternatives to traditional

663
00:31:32,810 --> 00:31:29,340

medicine despite homeopathy questionable

664

00:31:36,050 --> 00:31:32,820

reputation 3.3 million Americans have

665

00:31:38,060 --> 00:31:36,060

spent about 3 billion dollars on

666

00:31:40,370 --> 00:31:38,070

homeopathic remedies this begs the

667

00:31:43,040 --> 00:31:40,380

question could homeopathy hold the key

668

00:31:46,370 --> 00:31:43,050

to the future of medicine or is it just

669

00:31:48,560 --> 00:31:46,380

quackery in the latest reactions video a

670

00:31:50,660 --> 00:31:48,570

series by the american chemical society

671

00:31:52,910 --> 00:31:50,670

scientists have shown while homeopathy

672

00:31:56,270 --> 00:31:52,920

has been around for about 200 years

673

00:31:58,570 --> 00:31:56,280

science has progressed and gradually

674

00:32:01,310 --> 00:31:58,580

attempted to undermine the three

675

00:32:04,220 --> 00:32:01,320

foundations of this alternative medicine

676

00:32:07,220 --> 00:32:04,230

quote homeopathic medicines are based on

677

00:32:09,800 --> 00:32:07,230

a few theories of disease distinct from

678

00:32:11,990 --> 00:32:09,810

conventional medicine unquote according

679

00:32:15,290 --> 00:32:12,000

to reactions the most popular of these

680

00:32:17,180 --> 00:32:15,300

theories is like cures like the

681

00:32:19,940 --> 00:32:17,190

principle behind this belief is we can

682

00:32:23,720 --> 00:32:19,950

cure what ails us with the exact thing

683

00:32:26,570 --> 00:32:23,730

that ails us the idea is if something

684

00:32:29,780 --> 00:32:26,580

gives us a rash the same thing can be

685

00:32:32,330 --> 00:32:29,790

used to treat the rash German doctor

686

00:32:35,630 --> 00:32:32,340

Samuel Hahnemann who first coined the

687

00:32:38,960 --> 00:32:35,640

term homeopathy in 1807 believed when a

688

00:32:42,290 --> 00:32:38,970

substance in larger doses causes certain

689

00:32:45,350 --> 00:32:42,300

symptoms in small doses it can cure

690

00:32:47,180 --> 00:32:45,360

those same symptoms for example a

691

00:32:50,660 --> 00:32:47,190

homeopathic remedy for sleeping

692

00:32:52,970 --> 00:32:50,670

difficulty is coffee kruder very diluted

693

00:32:56,210 --> 00:32:52,980

amounts of unroasted coffee beans

694

00:32:58,910 --> 00:32:56,220

solution reducing and concentrating of

695

00:33:01,910 --> 00:32:58,920

something is the second principle of

696

00:33:04,520 --> 00:33:01,920

homeopathy Hanuman thought a sick person

697

00:33:06,440 --> 00:33:04,530

only needed a very small amount of an

698

00:33:07,310 --> 00:33:06,450

active ingredient to cure their ailments

699

00:33:11,060 --> 00:33:07,320

he

700

00:33:14,570 --> 00:33:11,070

used a dilution scale that increased by

701
00:33:18,260 --> 00:33:14,580
factors of 100 a scale denoted by the

702
00:33:20,810 --> 00:33:18,270
letter C the C is usually seen on a

703
00:33:23,420 --> 00:33:20,820
homeopathic label so typically when it

704
00:33:26,420 --> 00:33:23,430
comes to making coffee cooter put one

705
00:33:29,330 --> 00:33:26,430
drop in a vial containing a 9 drops of

706
00:33:31,520 --> 00:33:29,340
water then take a drop from that file

707
00:33:35,120 --> 00:33:31,530
and put it into another vial with 9

708
00:33:37,400 --> 00:33:35,130
drops of water 60 times however by the

709
00:33:42,490 --> 00:33:37,410
sixtieth vile we would have deluded your

710
00:33:44,630 --> 00:33:42,500
coffee so much that there isn't any left

711
00:33:49,010 --> 00:33:44,640
statistically speaking beyond the

712
00:33:52,130 --> 00:33:49,020
dilution of 13 C researchers have zero

713
00:33:54,440 --> 00:33:52,140

chance of finding a single molecule of

714

00:33:57,080 --> 00:33:54,450

the active ingredients in the vial

715

00:33:59,300 --> 00:33:57,090

however during his time the concept of

716

00:34:01,420 --> 00:33:59,310

atoms and molecules as fundamental units

717

00:34:03,890 --> 00:34:01,430

of matter wasn't really developed

718

00:34:05,690 --> 00:34:03,900

Hanuman didn't know we could dilute

719

00:34:07,580 --> 00:34:05,700

something until it's effectively gone

720

00:34:09,740 --> 00:34:07,590

lasting the third principle of

721

00:34:12,740 --> 00:34:09,750

homeopathy is water can somehow remember

722

00:34:15,230 --> 00:34:12,750

what has dissolved in it and passed the

723

00:34:18,380 --> 00:34:15,240

effects of those apps and molecules onto

724

00:34:20,240 --> 00:34:18,390

us however there has been no evidence

725

00:34:22,340 --> 00:34:20,250

for this phenomenon which goes against

726

00:34:24,590 --> 00:34:22,350

the principles of physical science in a

727

00:34:26,530 --> 00:34:24,600

2015 report from the Australian National

728

00:34:28,760 --> 00:34:26,540

Health and Medical Research Council

729

00:34:30,950 --> 00:34:28,770

researchers reviewed the results of

730

00:34:33,320 --> 00:34:30,960

about 200 studies on the effectiveness

731

00:34:35,240 --> 00:34:33,330

of homeopathy after looking at the

732

00:34:38,360 --> 00:34:35,250

evidence they concluded homeopathic

733

00:34:41,330 --> 00:34:38,370

remedies are no better than a sugar pill

734

00:34:43,460 --> 00:34:41,340

or a placebo the studies that did show

735

00:34:46,250 --> 00:34:43,470

the benefits of homeopathy had flawed

736

00:34:49,390 --> 00:34:46,260

methodologies further the United States

737

00:34:52,070 --> 00:34:49,400

National Institutes of Health states are

738

00:34:54,260 --> 00:34:52,080

several key concepts of homeopathy are

739

00:34:57,050 --> 00:34:54,270

inconsistent with the fundamental

740

00:34:59,000 --> 00:34:57,060

concepts of chemistry and physics there

741

00:35:00,800 --> 00:34:59,010

are significant challenges in carrying

742

00:35:03,710 --> 00:35:00,810

out rigorous clinical research on

743

00:35:06,230 --> 00:35:03,720

homeopathic remedies end quote it seems

744

00:35:10,280 --> 00:35:06,240

the idea to cure what ails us with

745

00:35:12,730 --> 00:35:10,290

whatever ails us isn't foolproof after

746

00:35:31,750 --> 00:35:12,740

all and that report comes to us from

747

00:35:37,460 --> 00:35:34,670

back watch your guide to quackery health

748

00:35:40,610 --> 00:35:37,470

fraud and intelligent decisions operated

749

00:35:42,770 --> 00:35:40,620

by stephen barrett md quite watch is now

750

00:35:43,910 --> 00:35:42,780

an international network of people who

751
00:35:46,430 --> 00:35:43,920
are concerned about health-related

752
00:35:49,400 --> 00:35:46,440
frauds myths fads fallacies and

753
00:35:51,950 --> 00:35:49,410
misconduct its primary focus is on

754
00:35:53,870 --> 00:35:51,960
quackery related information that is

755
00:35:57,260 --> 00:35:53,880
difficult or impossible to get elsewhere

756
00:36:01,010 --> 00:35:57,270
articles on quackery include quackery

757
00:36:04,430 --> 00:36:01,020
how should it be defined how it sells 26

758
00:36:07,130 --> 00:36:04,440
ways to spot it how it harms cancer

759
00:36:09,530 --> 00:36:07,140
patients 7 warning signs for bogus

760
00:36:13,100 --> 00:36:09,540
science why health professionals become

761
00:36:15,160 --> 00:36:13,110
quacks and many more including in-depth

762
00:36:18,820 --> 00:36:15,170
looks at acupuncture chiropractic

763
00:36:41,480 --> 00:36:18,830

homeopathy naturopathy and much more

764

00:36:45,059 --> 00:36:43,829

thank you for listening to the skeptic

765

00:36:47,700 --> 00:36:45,069

zone and thank you to those people

766

00:36:50,099 --> 00:36:47,710

there's new people new to the fold so to

767

00:36:52,500 --> 00:36:50,109

speak over the last couple of weeks the

768

00:36:54,120 --> 00:36:52,510

numbers are really skyrocketing thank

769

00:36:56,009 --> 00:36:54,130

you very much i think that's largely due

770

00:36:57,720 --> 00:36:56,019

to me being on the skeptics guide to the

771

00:37:00,299 --> 00:36:57,730

universe podcast a few weeks ago and

772

00:37:02,220 --> 00:37:00,309

passing the 400 episodes for the skeptic

773

00:37:03,930 --> 00:37:02,230

zone but welcome all the new listeners

774

00:37:06,440 --> 00:37:03,940

and thank you some of those new

775

00:37:09,480 --> 00:37:06,450

listeners indeed have signed up to the

776
00:37:10,740 --> 00:37:09,490
patreon skeptics on patreon to become

777
00:37:12,750 --> 00:37:10,750
patrons of the skeptics earn I

778
00:37:14,220 --> 00:37:12,760
appreciate that very much and I've set

779
00:37:15,750 --> 00:37:14,230
out a few goodies to some people who

780
00:37:17,910 --> 00:37:15,760
have just signed up thank you I'm sure

781
00:37:20,519 --> 00:37:17,920
you'll enjoy the DVD and the signed

782
00:37:22,829 --> 00:37:20,529
goodies from James Randi in the the

783
00:37:24,720 --> 00:37:22,839
folded origami Flying Pig and if you

784
00:37:27,420 --> 00:37:24,730
want to be a patron of the skeptic zone

785
00:37:31,200 --> 00:37:27,430
fire patron or just simply via paypal

786
00:37:33,299 --> 00:37:31,210
micropayments visit skeptic zone TV and

787
00:37:36,150 --> 00:37:33,309
also the skeptic zone is available

788
00:37:39,029 --> 00:37:36,160

through stitcher and tune in the popular

789

00:37:41,400 --> 00:37:39,039

radio app coming up on the skeptic zone

790

00:37:44,220 --> 00:37:41,410

I don't know I think we'll have to use

791

00:37:45,509 --> 00:37:44,230

our predictions will try to predict who

792

00:37:49,620 --> 00:37:45,519

the next prime minister of australia

793

00:37:53,279 --> 00:37:49,630

will be i predict it'll be i'm not even

794

00:37:57,269 --> 00:37:53,289

going there we have no idea me yeah i

795

00:37:59,160 --> 00:37:57,279

might have a go at folks may not may not

796

00:38:02,220 --> 00:37:59,170

may not for Prime Minister I like that

797

00:38:04,289 --> 00:38:02,230

idea even better hmm but anyway for this

798

00:38:11,009 --> 00:38:04,299

week this is Richard Saunders signing

799

00:38:12,680 --> 00:38:11,019

off from Sydney Australia you've been

800

00:38:16,170 --> 00:38:12,690

listening to the skeptics own podcast

801
00:38:19,259 --> 00:38:16,180
visit our website at wwc a petting zoo

802
00:38:23,130 --> 00:38:19,269
TV for contacts an archive of all

803
00:38:25,440 --> 00:38:23,140
episodes since 2008 and our online store

804
00:38:28,160 --> 00:38:25,450
please support the skeptic zone by

805
00:38:31,170 --> 00:38:28,170
following us on twitter at skeptic zone

806
00:38:34,230 --> 00:38:31,180
liking us on facebook and leaving a

807
00:38:37,079 --> 00:38:34,240
review on iTunes you can also show your

808
00:38:40,559 --> 00:38:37,089
support by subscribing via paypal for as

809
00:38:42,900 --> 00:38:40,569
little as 99 cents a week the skeptic

810
00:38:44,609 --> 00:38:42,910
zone is an independent production the

811
00:38:46,680 --> 00:38:44,619
views and opinions expressed on the

812
00:38:49,370 --> 00:38:46,690
skeptic zone and not necessarily those

813
00:38:50,900 --> 00:38:49,380

of Australian skeptic Inc or any other