



Episode **685**

THE SKEPTIC ZONE PODCAST

www.skepticzone.tv

21 November 2021



The
European Skeptics Podcast
celebrate 300 episodes

Australian Skeptics
Awards

The Book of Tim
Loch Ness #2

Australian Skeptics news
with Adrienne Hill

TROVE
Acupuncture

1
00:00:09,190 --> 00:00:06,550

[Music]

2
00:00:13,930 --> 00:00:09,200

welcome to the skeptic zone the podcast

3
00:00:16,840 --> 00:00:13,940

from australia for science and reason

4
00:00:23,509 --> 00:00:16,850

[Applause]

5
00:00:25,189 --> 00:00:23,519

[Music]

6
00:00:28,150 --> 00:00:25,199

yes it's the skeptic's own podcast

7
00:00:31,109 --> 00:00:28,160

episode number 685 for the 21st of

8
00:00:34,150 --> 00:00:31,119

november 2021 richard saunders coming to

9
00:00:35,670 --> 00:00:34,160

you from sydney australia with a gang a

10
00:00:37,750 --> 00:00:35,680

group a team

11
00:00:40,709 --> 00:00:37,760

of people who are hanging out after the

12
00:00:42,549 --> 00:00:40,719

first day of skepticon 2021 the new

13
00:00:44,869 --> 00:00:42,559

zealand and australian

14

00:00:45,910 --> 00:00:44,879

uh national uh skeptics national

15

00:00:48,229 --> 00:00:45,920

convention

16

00:00:50,709 --> 00:00:48,239

joining me in this little virtual

17

00:00:54,229 --> 00:00:50,719

have a drink and decompress we have

18

00:00:57,430 --> 00:00:54,239

susan gerbic hello susan hi everybody hi

19

00:00:59,189 --> 00:00:57,440

we have rob palmer hello there we have

20

00:01:00,790 --> 00:00:59,199

the voice you know so well it's michelle

21

00:01:05,429 --> 00:01:00,800

bickersma

22

00:01:10,789 --> 00:01:07,910

sorry we just don't know why we do that

23

00:01:13,270 --> 00:01:10,799

we have uh lyndon hello lyndon

24

00:01:14,550 --> 00:01:13,280

g'day everyone and we have lara hello

25

00:01:16,870 --> 00:01:14,560

lara

26

00:01:18,710 --> 00:01:16,880

hello how are you great we're all having

27

00:01:21,190 --> 00:01:18,720

cheers everybody where's my glass cheers

28

00:01:25,510 --> 00:01:23,590

we're all decompressing after day one of

29

00:01:28,710 --> 00:01:25,520

the convention before we get to chat

30

00:01:30,069 --> 00:01:28,720

about day one of the uh skepticon let me

31

00:01:31,749 --> 00:01:30,079

tell you what's coming up on this week's

32

00:01:34,469 --> 00:01:31,759

show we're going to kick off with an

33

00:01:37,109 --> 00:01:34,479

interview with the esp the european

34

00:01:38,390 --> 00:01:37,119

skeptics podcast who are celebrating 300

35

00:01:40,149 --> 00:01:38,400

episodes

36

00:01:43,270 --> 00:01:40,159

we're going to announce the australian

37

00:01:45,109 --> 00:01:43,280

skeptics awards the bent spoon the barry

38

00:01:47,670 --> 00:01:45,119

williams award for media the fred

39

00:01:49,030 --> 00:01:47,680

thornett coming up find out who won the

40

00:01:51,270 --> 00:01:49,040

bent spoon

41

00:01:54,630 --> 00:01:51,280

tim mendenham returns with part two of

42

00:01:56,630 --> 00:01:54,640

his book of tim about loch ness we have

43

00:01:59,590 --> 00:01:56,640

the australian sea optics news read by

44

00:02:02,230 --> 00:01:59,600

adrian hill and finally trove this week

45

00:02:04,069 --> 00:02:02,240

looks at acupuncture

46

00:02:06,630 --> 00:02:04,079

but anyway back to the convention i hope

47

00:02:09,029 --> 00:02:06,640

you all had an interesting and enjoyable

48

00:02:11,510 --> 00:02:09,039

day

49

00:02:14,309 --> 00:02:11,520

yeah it's great also enjoyable and

50

00:02:18,150 --> 00:02:16,150

around with people who have cool accents

51
00:02:19,510 --> 00:02:18,160
like australian and new zealand that you

52
00:02:22,390 --> 00:02:19,520
know

53
00:02:25,430 --> 00:02:22,400
heck yeah

54
00:02:27,110 --> 00:02:25,440
i mean my goodness she was so great

55
00:02:29,430 --> 00:02:27,120
who was that

56
00:02:31,670 --> 00:02:29,440
susie oh dr susie waltz absolutely what

57
00:02:33,670 --> 00:02:31,680
a star what a story you know i mean i

58
00:02:36,630 --> 00:02:33,680
didn't realize that she had been part of

59
00:02:38,710 --> 00:02:36,640
the conspiracy i didn't realize that um

60
00:02:41,350 --> 00:02:38,720
bill gates and all that you know she's

61
00:02:43,430 --> 00:02:41,360
got her 5g going and all that oh that

62
00:02:44,869 --> 00:02:43,440
was great i hadn't heard that story

63
00:02:47,270 --> 00:02:44,879

before i think we're all part of the

64

00:02:49,830 --> 00:02:47,280

conspiracy it was nice to see you in the

65

00:02:52,070 --> 00:02:49,840

audience michelle

66

00:02:54,630 --> 00:02:52,080

thank you i was excited to see susie

67

00:02:57,910 --> 00:02:54,640

wells too i did know she was um

68

00:02:59,910 --> 00:02:57,920

part of a conspiracy theory but um i

69

00:03:01,190 --> 00:02:59,920

really enjoyed actually seeing a lot of

70

00:03:03,270 --> 00:03:01,200

speakers

71

00:03:05,509 --> 00:03:03,280

from new zealand who

72

00:03:08,070 --> 00:03:05,519

you know i all i didn't know i did know

73

00:03:09,509 --> 00:03:08,080

susie but not others so i love that it's

74

00:03:12,550 --> 00:03:09,519

combined

75

00:03:15,589 --> 00:03:12,560

oh sorry richard wiseman what a coup

76

00:03:18,070 --> 00:03:15,599

yes yes susie really yeah two wonderful

77

00:03:19,990 --> 00:03:18,080

keynote speakers and uh behind the

78

00:03:21,990 --> 00:03:20,000

scenes lots of people pedaling very hard

79

00:03:24,149 --> 00:03:22,000

including lara benham of course pedaling

80

00:03:26,309 --> 00:03:24,159

very hard being one of the moderators

81

00:03:28,789 --> 00:03:26,319

and uh you know we we do thank you very

82

00:03:31,670 --> 00:03:28,799

much together with lyndon thank you lara

83

00:03:33,910 --> 00:03:31,680

the talk though i i really like i just

84

00:03:35,670 --> 00:03:33,920

can't wait to to see what it involved is

85

00:03:37,430 --> 00:03:35,680

the great australian psychic prediction

86

00:03:40,070 --> 00:03:37,440

project that's coming up tomorrow but

87

00:03:41,830 --> 00:03:40,080

he's really involved with that

88

00:03:44,309 --> 00:03:41,840

well let me say that that's coming up

89

00:03:47,750 --> 00:03:44,319

tomorrow from our point of view but

90

00:03:49,430 --> 00:03:47,760

to the audience uh that's today you know

91

00:03:51,030 --> 00:03:49,440

it's all very tricky with podcasts and

92

00:03:53,270 --> 00:03:51,040

time zones anyway let's have a little

93

00:03:55,750 --> 00:03:53,280

chat at the end of the show

94

00:03:57,589 --> 00:03:55,760

but for now it's time for all of us to

95

00:03:59,990 --> 00:03:57,599

run downstairs upstairs around the

96

00:04:02,470 --> 00:04:00,000

corner i'm gonna grab some waffles what

97

00:04:05,830 --> 00:04:02,480

are you going to grab michelle

98

00:04:09,429 --> 00:04:05,840

oh i'm going to grab a cup of tea to

99

00:04:11,350 --> 00:04:09,439

have with cheese and biscuits mmm

100

00:04:12,390 --> 00:04:11,360

and susan what do you think you might

101
00:04:14,470 --> 00:04:12,400
have

102
00:04:15,830 --> 00:04:14,480
ritz crackers with with mozzarella

103
00:04:18,949 --> 00:04:15,840
cheese

104
00:04:21,189 --> 00:04:18,959
how about you rob

105
00:04:23,590 --> 00:04:21,199
oh well we just today bought some new

106
00:04:25,510 --> 00:04:23,600
york style bagels so even so we're

107
00:04:28,950 --> 00:04:25,520
pretty close to new york and new jersey

108
00:04:30,629 --> 00:04:28,960
that's really hard to get so i'm

109
00:04:32,070 --> 00:04:30,639
sounds good and lara what would you like

110
00:04:33,830 --> 00:04:32,080
to uh what would you like to run

111
00:04:37,430 --> 00:04:33,840
downstairs to get

112
00:04:42,230 --> 00:04:39,830
so it's going to run upstairs

113
00:04:44,550 --> 00:04:42,240

yeah so it's yes well you never know

114

00:04:55,540 --> 00:04:44,560

what's going to pop up but anyway for

115

00:04:55,550 --> 00:05:03,670

[Applause]

116

00:05:05,810 --> 00:05:05,710

[Music]

117

00:05:19,350 --> 00:05:05,820

[Applause]

118

00:05:24,070 --> 00:05:22,070

and joining me now virtually on the line

119

00:05:25,749 --> 00:05:24,080

as far away as you could possibly get on

120

00:05:28,870 --> 00:05:25,759

the planet it's

121

00:05:31,029 --> 00:05:28,880

the european skeptics podcast or it's

122

00:05:32,950 --> 00:05:31,039

the real exes

123

00:05:35,510 --> 00:05:32,960

see i can never do it

124

00:05:41,510 --> 00:05:35,520

on this i could never do it

125

00:05:45,749 --> 00:05:44,070

this is very familiar i think i used to

126
00:05:46,790 --> 00:05:45,759
be a professional but that's all gone

127
00:05:47,909 --> 00:05:46,800
now

128
00:05:51,430 --> 00:05:47,919
or

129
00:05:54,950 --> 00:05:51,440
the real esp experience hello and

130
00:05:57,029 --> 00:05:54,960
welcome to the skeptic's own esp

131
00:05:58,309 --> 00:05:57,039
hey sadesam

132
00:06:00,469 --> 00:05:58,319
hello

133
00:06:02,550 --> 00:06:00,479
stock

134
00:06:05,350 --> 00:06:02,560
i've heard that all before it's pontus

135
00:06:06,390 --> 00:06:05,360
it's annika and i'm dress printer

136
00:06:09,270 --> 00:06:06,400
wow

137
00:06:11,430 --> 00:06:09,280
and i'm so thrilled and delighted not

138
00:06:13,670 --> 00:06:11,440

only because i can see you all on the

139

00:06:16,150 --> 00:06:13,680

screen which is just fantastic it's like

140

00:06:18,950 --> 00:06:16,160

we're all meeting together uh which

141

00:06:21,510 --> 00:06:18,960

we've never actually done in person but

142

00:06:24,629 --> 00:06:21,520

i am a shame that's a shame but it will

143

00:06:27,670 --> 00:06:24,639

happen but i am uh just thrilled and

144

00:06:30,550 --> 00:06:27,680

delighted to realize that uh we're

145

00:06:32,150 --> 00:06:30,560

coming up for for you people for 300

146

00:06:33,590 --> 00:06:32,160

episodes

147

00:06:36,390 --> 00:06:33,600

300

148

00:06:37,590 --> 00:06:36,400

isn't that unbelievable

149

00:06:39,270 --> 00:06:37,600

it really

150

00:06:40,710 --> 00:06:39,280

i mean

151

00:06:43,510 --> 00:06:40,720

even for me to say it and i'm not

152

00:06:44,390 --> 00:06:43,520

involved in making your show but it's a

153

00:06:49,990 --> 00:06:44,400

big

154

00:06:51,670 --> 00:06:50,000

it's it's fantastic and so we'll we'll

155

00:06:53,670 --> 00:06:51,680

start with uh undress

156

00:06:55,430 --> 00:06:53,680

what what does this mean to you to reach

157

00:06:57,189 --> 00:06:55,440

a number is it just another show or do

158

00:07:01,990 --> 00:06:57,199

you feel quite

159

00:07:03,830 --> 00:07:02,000

happy and proud of 300 oh yeah i am

160

00:07:06,870 --> 00:07:03,840

i i i don't know it's

161

00:07:09,110 --> 00:07:06,880

we we always make up these um these

162

00:07:11,909 --> 00:07:09,120

reasons these arbitrary reasons to

163

00:07:13,909 --> 00:07:11,919

celebrate stuff right so uh

164

00:07:16,230 --> 00:07:13,919

it's just in a way it's just a number

165

00:07:18,070 --> 00:07:16,240

but but that shows that we've been doing

166

00:07:20,550 --> 00:07:18,080

this for six years

167

00:07:21,830 --> 00:07:20,560

every week and

168

00:07:27,350 --> 00:07:21,840

that

169

00:07:30,790 --> 00:07:27,360

unbelievable to me when i think back

170

00:07:33,270 --> 00:07:30,800

of the times that we started this and we

171

00:07:37,189 --> 00:07:33,280

we followed in the footsteps of of

172

00:07:38,550 --> 00:07:37,199

giants like yourself i it's it's

173

00:07:39,830 --> 00:07:38,560

no no no it's it's difficult to

174

00:07:41,670 --> 00:07:39,840

comprehend

175

00:07:43,110 --> 00:07:41,680

how much work

176

00:07:45,589 --> 00:07:43,120

is behind it

177

00:07:47,990 --> 00:07:45,599

yeah yeah you're absolutely right

178

00:07:49,189 --> 00:07:48,000

yeah and and listeners please uh i i

179

00:07:50,629 --> 00:07:49,199

don't know how this is going to sound

180

00:07:53,749 --> 00:07:50,639

listeners but

181

00:07:55,909 --> 00:07:53,759

what uh says is correct the work behind

182

00:07:57,830 --> 00:07:55,919

it i mean podcasts just don't fall out

183

00:07:59,990 --> 00:07:57,840

of the sky you don't just turn on your

184

00:08:02,710 --> 00:08:00,000

device and suddenly a podcast

185

00:08:04,550 --> 00:08:02,720

for the listeners you do but for us

186

00:08:06,390 --> 00:08:04,560

behind the scenes

187

00:08:08,950 --> 00:08:06,400

that represents

188

00:08:11,830 --> 00:08:08,960

uh many many many hours of work each

189

00:08:14,070 --> 00:08:11,840

week in in recording in producing and

190

00:08:17,029 --> 00:08:14,080

editing and so on and anika you're

191

00:08:19,110 --> 00:08:17,039

you're part of the the crew

192

00:08:20,550 --> 00:08:19,120

uh but you're a more recent arrival

193

00:08:23,909 --> 00:08:20,560

shall we say how long have you been with

194

00:08:27,110 --> 00:08:23,919

the show now um i would guess about 70

195

00:08:30,390 --> 00:08:27,120

episodes of the 300 so roughly

196

00:08:31,909 --> 00:08:30,400

i think i think i joined around 230 240

197

00:08:34,550 --> 00:08:31,919

something

198

00:08:38,149 --> 00:08:34,560

yeah somewhere around there so

199

00:08:41,110 --> 00:08:38,159

yeah it's been a very great and um good

200

00:08:42,310 --> 00:08:41,120

ride so far yeah i'm ready for another

201
00:08:44,389 --> 00:08:42,320
300.

202
00:08:46,470 --> 00:08:44,399
ah don't don't speak too soon no i know

203
00:08:49,509 --> 00:08:46,480
i hope i hope i hope you do make it

204
00:08:52,230 --> 00:08:49,519
actually i hope you do make it and and

205
00:08:54,630 --> 00:08:52,240
pontus over there in malmo sweden

206
00:08:56,230 --> 00:08:54,640
uh for you do you do you have i guess

207
00:08:57,750 --> 00:08:56,240
you don't all have to get up at crazy

208
00:08:59,590 --> 00:08:57,760
times because you're all relatively

209
00:09:01,350 --> 00:08:59,600
close to each other is that right

210
00:09:04,070 --> 00:09:01,360
we're in the same time zone all three

211
00:09:09,190 --> 00:09:04,080
same time sir yes currently that is

212
00:09:12,470 --> 00:09:11,190
yeah that's his problem i think it's we

213
00:09:14,470 --> 00:09:12,480

we

214

00:09:16,070 --> 00:09:14,480

just make him go

215

00:09:17,990 --> 00:09:16,080

get up very early in the morning it's

216

00:09:20,150 --> 00:09:18,000

good to know that that the there is

217

00:09:22,630 --> 00:09:20,160

someone among us who's

218

00:09:25,350 --> 00:09:22,640

who know where you're at who knows where

219

00:09:27,509 --> 00:09:25,360

you're at currently because you uh what

220

00:09:31,509 --> 00:09:27,519

time what time is it uh where you are is

221

00:09:34,150 --> 00:09:31,519

it 5 a.m or yeah it is 5 a.m it's

222

00:09:35,590 --> 00:09:34,160

it's 10 past 5 in the morning or 11 past

223

00:09:40,310 --> 00:09:35,600

five in the morning where i am at the

224

00:09:44,470 --> 00:09:42,230

that's right but but you you three must

225

00:09:45,509 --> 00:09:44,480

encounter the same situation i do from

226

00:09:47,829 --> 00:09:45,519

time to time when you have an

227

00:09:50,230 --> 00:09:47,839

international guest either you have to

228

00:09:51,829 --> 00:09:50,240

get up at some crazy hour or they have

229

00:09:53,829 --> 00:09:51,839

to get up at some crazy hour or

230

00:09:56,470 --> 00:09:53,839

something we might also encounter that

231

00:09:59,269 --> 00:09:56,480

uh around christmas and in january

232

00:10:02,630 --> 00:09:59,279

because i will go over to australia um

233

00:10:05,430 --> 00:10:02,640

for six weeks yeah well with with my

234

00:10:07,190 --> 00:10:05,440

husband and my baby well i as i said to

235

00:10:09,670 --> 00:10:07,200

you uh in some correspondence a little

236

00:10:11,829 --> 00:10:09,680

while ago uh if i'm here and and you

237

00:10:13,509 --> 00:10:11,839

know things are a little bit um unsure

238

00:10:15,590 --> 00:10:13,519

but if i'm here then we'll we'll go out

239

00:10:17,670 --> 00:10:15,600

and we can do some interviews we might

240

00:10:20,069 --> 00:10:17,680

even do a live report from the streets

241

00:10:21,130 --> 00:10:20,079

of sydney about something skeptical that

242

00:10:22,550 --> 00:10:21,140

would be really cool

243

00:10:25,030 --> 00:10:22,560

[Laughter]

244

00:10:28,389 --> 00:10:25,040

that would be cool and i keep promising

245

00:10:30,150 --> 00:10:28,399

pontus to visit him uh in malmo i

246

00:10:32,230 --> 00:10:30,160

haven't been here

247

00:10:33,829 --> 00:10:32,240

no we have a room ready for you here

248

00:10:35,829 --> 00:10:33,839

richard so you can come whenever you

249

00:10:38,150 --> 00:10:35,839

want to we've been expecting you for a

250

00:10:40,550 --> 00:10:38,160

while now but

251

00:10:42,870 --> 00:10:40,560

you seem to be busy elsewhere well i

252

00:10:44,870 --> 00:10:42,880

mean i i'm very pleased to hear that but

253

00:10:50,550 --> 00:10:44,880

where will the dog sleep if i'm sleeping

254

00:10:55,590 --> 00:10:52,150

well you have a standing invitation to

255

00:10:57,829 --> 00:10:55,600

hungary as well um i mean i i cannot

256

00:11:00,550 --> 00:10:57,839

currently provide you with a with a your

257

00:11:03,190 --> 00:11:00,560

own room but uh i'm more than happy to

258

00:11:06,790 --> 00:11:03,200

show you around and give you tours of my

259

00:11:08,630 --> 00:11:06,800

hometown our capital budapest wow so

260

00:11:11,269 --> 00:11:08,640

yeah that would be great and we have a

261

00:11:14,389 --> 00:11:11,279

guest room here too so

262

00:11:16,230 --> 00:11:14,399

you can do an esp tour around

263

00:11:18,150 --> 00:11:16,240

i really think i should maybe susan

264

00:11:19,910 --> 00:11:18,160

gerbic and i could do a big tour oh yeah

265

00:11:21,590 --> 00:11:19,920

yeah that would be great

266

00:11:24,310 --> 00:11:21,600

speaking of susan gerbic speaking of

267

00:11:25,910 --> 00:11:24,320

susan gerbic i know that she has been

268

00:11:28,389 --> 00:11:25,920

a guest on your show and and i think

269

00:11:29,590 --> 00:11:28,399

that she's some somewhat of a

270

00:11:31,190 --> 00:11:29,600

what shall i say

271

00:11:34,470 --> 00:11:31,200

an influence for you people is that

272

00:11:37,110 --> 00:11:34,480

right she's our uh skeptical fairy

273

00:11:39,269 --> 00:11:37,120

godmother if you want if you will she

274

00:11:42,790 --> 00:11:39,279

was the one who introduced anderson

275

00:11:45,829 --> 00:11:42,800

myself to each other and so she she she

276

00:11:47,910 --> 00:11:45,839

has um she takes credit and she she is

277

00:11:49,350 --> 00:11:47,920

uh she deserves credit for doing that i

278

00:11:50,870 --> 00:11:49,360

just had to say i think she deserves

279

00:11:52,949 --> 00:11:50,880

credit for a lot of things

280

00:11:57,430 --> 00:11:52,959

yes yeah yeah

281

00:12:01,670 --> 00:11:57,440

changing the world word by word yes

282

00:12:03,829 --> 00:12:01,680

indeed yeah 100 and millionth added to

283

00:12:07,030 --> 00:12:03,839

like with her gsrw crew it's it's

284

00:12:08,949 --> 00:12:07,040

amazing it truly is yeah yeah i wasn't

285

00:12:11,829 --> 00:12:08,959

there for the interview last a couple of

286

00:12:14,389 --> 00:12:11,839

weeks ago but uh it was amazing by by

287

00:12:15,350 --> 00:12:14,399

the time that uh you guys interviewed

288

00:12:16,150 --> 00:12:15,360

her

289

00:12:21,990 --> 00:12:16,160

uh

290

00:12:24,069 --> 00:12:22,000

hundred million views that it was like a

291

00:12:25,910 --> 00:12:24,079

hundred hundred million one hundred

292

00:12:28,470 --> 00:12:25,920

thousand or something by the time that

293

00:12:31,030 --> 00:12:28,480

the interview actually happened

294

00:12:33,670 --> 00:12:31,040

yeah so it grows it's growing fast

295

00:12:35,509 --> 00:12:33,680

it's ticking over all the time now folks

296

00:12:38,710 --> 00:12:35,519

if you don't listen to the european

297

00:12:41,910 --> 00:12:38,720

skeptics podcast the real esp experience

298

00:12:44,389 --> 00:12:41,920

why don't you you should and uh

299

00:12:47,030 --> 00:12:44,399

pontus where can people go online to

300

00:12:50,710 --> 00:12:47,040

check out uh your podcast we we have a

301
00:12:53,670 --> 00:12:50,720
website it's the esp.eu

302
00:12:55,910 --> 00:12:53,680
eu for europe of course and

303
00:12:57,990 --> 00:12:55,920
we have recently

304
00:13:00,550 --> 00:12:58,000
actually fixed it up a little bit so you

305
00:13:03,030 --> 00:13:00,560
can search for different episodes you

306
00:13:05,509 --> 00:13:03,040
can search for different people who have

307
00:13:06,750 --> 00:13:05,519
we have interviewed we've interviewed i

308
00:13:09,350 --> 00:13:06,760
believe

309
00:13:11,430 --> 00:13:09,360
117 different people and some of them

310
00:13:14,150 --> 00:13:11,440
have been known more than once

311
00:13:17,350 --> 00:13:14,160
so there's a lot of things to find there

312
00:13:17,990 --> 00:13:17,360
so the esp.eu that's where you can find

313
00:13:20,550 --> 00:13:18,000

us

314

00:13:22,870 --> 00:13:20,560

excellent well look folks i'm thrilled i

315

00:13:24,069 --> 00:13:22,880

really am 300 episodes for you is just

316

00:13:27,110 --> 00:13:24,079

fantastic

317

00:13:29,110 --> 00:13:27,120

and i really encourage you to keep going

318

00:13:31,430 --> 00:13:29,120

every now and then you might have the

319

00:13:34,069 --> 00:13:31,440

same situation every now and then maybe

320

00:13:36,150 --> 00:13:34,079

every 50 episodes i think to myself i've

321

00:13:38,389 --> 00:13:36,160

got to wind this up that's it i can't do

322

00:13:42,069 --> 00:13:38,399

another 50 and suddenly suddenly i do

323

00:13:45,269 --> 00:13:42,079

another 50 and another 100 and

324

00:13:47,269 --> 00:13:45,279

i i think we don't know how to stop

325

00:13:49,030 --> 00:13:47,279

we don't know how to do that so we'll

326

00:13:51,269 --> 00:13:49,040

just go on that's

327

00:13:53,430 --> 00:13:51,279

that's probably my situation

328

00:13:56,629 --> 00:13:53,440

so we still have momentum

329

00:13:58,710 --> 00:13:56,639

good and all power to you so my friends

330

00:14:01,430 --> 00:13:58,720

it's so great to see and speak with you

331

00:14:02,430 --> 00:14:01,440

all we don't do it enough pontus anika

332

00:14:04,790 --> 00:14:02,440

and andres

333

00:14:06,550 --> 00:14:04,800

congratulations and uh thank you for

334

00:14:08,069 --> 00:14:06,560

being on the skeptic zones

335

00:14:09,110 --> 00:14:08,079

thanks a lot thank you for inviting me

336

00:14:11,189 --> 00:14:09,120

thank you

337

00:14:13,110 --> 00:14:11,199

thanks and keep up the brilliant work

338

00:14:14,150 --> 00:14:13,120

uh we still admire whatever you do oh

339

00:14:17,189 --> 00:14:14,160

thank you

340

00:14:20,150 --> 00:14:17,199

whatever i do yeah i don't know

341

00:14:22,310 --> 00:14:20,160

whatever it is yeah whatever it is

342

00:14:23,430 --> 00:14:22,320

no you do a lot of things you do a lot

343

00:14:25,269 --> 00:14:23,440

of things

344

00:14:26,949 --> 00:14:25,279

apart from doing the podcast

345

00:14:28,790 --> 00:14:26,959

you understand

346

00:14:31,110 --> 00:14:28,800

somebody has to feed the cats that's

347

00:14:34,470 --> 00:14:31,120

right

348

00:14:41,990 --> 00:14:36,270

great

349

00:14:48,960 --> 00:14:44,470

i don't know how you can

350

00:14:59,189 --> 00:14:58,389

[Music]

351

00:15:00,629 --> 00:14:59,199

hi

352

00:15:02,710 --> 00:15:00,639

my name is tim mendem and i'm the

353

00:15:04,790 --> 00:15:02,720

executive officer of australian skeptics

354

00:15:06,470 --> 00:15:04,800

inc and the editor of our magazine the

355

00:15:08,150 --> 00:15:06,480

skeptic

356

00:15:11,189 --> 00:15:08,160

i'm here to announce two of our annual

357

00:15:13,430 --> 00:15:11,199

awards for 2021 the fred thornett award

358

00:15:15,110 --> 00:15:13,440

for the promotion of science and reason

359

00:15:16,310 --> 00:15:15,120

the barry williams award for skeptical

360

00:15:17,910 --> 00:15:16,320

journalism

361

00:15:19,990 --> 00:15:17,920

both these awards come with a lovely

362

00:15:21,670 --> 00:15:20,000

certificate and a cash prize of two

363

00:15:23,910 --> 00:15:21,680

thousand dollars

364

00:15:25,750 --> 00:15:23,920

the fred thornett award the fred is

365

00:15:27,590 --> 00:15:25,760

awarded to a member of the public who

366

00:15:29,269 --> 00:15:27,600

has made a significant contribution to

367

00:15:32,389 --> 00:15:29,279

educating or informing the public

368

00:15:34,470 --> 00:15:32,399

regarding issues of science and reason

369

00:15:36,870 --> 00:15:34,480

this year the threat goes to

370

00:15:38,550 --> 00:15:36,880

professor christine mccartney executive

371

00:15:41,590 --> 00:15:38,560

director of the national center for

372

00:15:42,949 --> 00:15:41,600

immunization research surveillance

373

00:15:44,310 --> 00:15:42,959

she and her crew have spent the last

374

00:15:45,430 --> 00:15:44,320

year researching and publishing on

375

00:15:47,430 --> 00:15:45,440

vaccines

376

00:15:49,189 --> 00:15:47,440

and christine in particular has spent a

377

00:15:52,069 --> 00:15:49,199

great deal of time communicating about

378

00:15:54,150 --> 00:15:52,079

covert facts and issues to the public

379

00:15:56,389 --> 00:15:54,160

and in consequence has been facing a lot

380

00:15:58,310 --> 00:15:56,399

of very nasty messages

381

00:16:01,189 --> 00:15:58,320

as often happens

382

00:16:02,949 --> 00:16:01,199

but well done to christine

383

00:16:04,629 --> 00:16:02,959

the barry williams award for skeptical

384

00:16:07,350 --> 00:16:04,639

journalism or the wallaby as we like to

385

00:16:09,749 --> 00:16:07,360

call it is awarded for journalistic work

386

00:16:12,150 --> 00:16:09,759

that critically analyzes or exposes

387

00:16:13,749 --> 00:16:12,160

issues related to pseudoscience or the

388

00:16:15,990 --> 00:16:13,759

paranormal

389

00:16:17,990 --> 00:16:16,000

it's not necessarily a pro-skeptic thing

390

00:16:19,670 --> 00:16:18,000

but it has to be critical analysis and

391

00:16:22,389 --> 00:16:19,680

proper journalism

392

00:16:24,069 --> 00:16:22,399

this year the wallaby goes to melissa

393

00:16:26,629 --> 00:16:24,079

davey of the guardian

394

00:16:27,990 --> 00:16:26,639

who herself has faced legal online and

395

00:16:30,310 --> 00:16:28,000

personal threats

396

00:16:32,470 --> 00:16:30,320

in her exposure of false ivermectin

397

00:16:33,910 --> 00:16:32,480

claims

398

00:16:35,829 --> 00:16:33,920

nonetheless she has persevered and

399

00:16:39,189 --> 00:16:35,839

produced some brilliant work

400

00:16:40,069 --> 00:16:39,199

congratulations to both our winners

401
00:16:42,069 --> 00:16:40,079
hi

402
00:16:44,069 --> 00:16:42,079
i'm jessica singer president of

403
00:16:45,990 --> 00:16:44,079
australian skeptics inc

404
00:16:47,749 --> 00:16:46,000
and i'm here to announce

405
00:16:49,110 --> 00:16:47,759
the winner of this year's ben spoon

406
00:16:52,790 --> 00:16:49,120
award

407
00:16:55,590 --> 00:16:52,800
given to the most preposterous piece of

408
00:16:58,550 --> 00:16:55,600
pseudoscientific and paranormal pitfall

409
00:16:59,990 --> 00:16:58,560
in 2021

410
00:17:01,910 --> 00:17:00,000
we had an interesting range of

411
00:17:04,630 --> 00:17:01,920
nominations this year from a journalist

412
00:17:06,949 --> 00:17:04,640
who is chasing ufos the australian

413
00:17:08,710 --> 00:17:06,959

geographic magazine for also chasing

414

00:17:11,510 --> 00:17:08,720

ufos

415

00:17:14,309 --> 00:17:11,520

a naturopath who makes various claims

416

00:17:17,510 --> 00:17:14,319

about covert 19 vaccinations

417

00:17:20,949 --> 00:17:17,520

and even abc tv for programs about

418

00:17:23,909 --> 00:17:20,959

biodynamic agriculture

419

00:17:26,069 --> 00:17:23,919

but there can be only one winner

420

00:17:28,950 --> 00:17:26,079

and this year the committee has awarded

421

00:17:30,830 --> 00:17:28,960

this least sought after prize to

422

00:17:34,390 --> 00:17:30,840

politician craig

423

00:17:35,590 --> 00:17:34,400

kelly for spreading or more accurately

424

00:17:38,789 --> 00:17:35,600

shouting

425

00:17:42,710 --> 00:17:38,799

misinformation about covert 19 and

426
00:17:46,470 --> 00:17:44,789
hello this is richard saunders from the

427
00:17:48,630 --> 00:17:46,480
skeptic zone podcast

428
00:17:50,789 --> 00:17:48,640
and the australian skeptics

429
00:17:53,750 --> 00:17:50,799
i'd like to pause to remember three

430
00:17:55,510 --> 00:17:53,760
skeptics we lost in 2021 all of whom

431
00:17:58,870 --> 00:17:55,520
made valuable contributions to

432
00:18:01,190 --> 00:17:58,880
skepticism here in australia

433
00:18:03,430 --> 00:18:01,200
michael wallahan was one of the original

434
00:18:05,590 --> 00:18:03,440
reporters on the skeptic's own podcast

435
00:18:08,230 --> 00:18:05,600
and went on to serve on the new south

436
00:18:10,070 --> 00:18:08,240
wales committee he also wrote articles

437
00:18:11,990 --> 00:18:10,080
for the skeptic the journal from

438
00:18:14,150 --> 00:18:12,000

australian skeptics

439

00:18:16,630 --> 00:18:14,160

shelley stocken was also a reporter on

440

00:18:19,190 --> 00:18:16,640

the skeptic's own podcast a soldier in

441

00:18:20,549 --> 00:18:19,200

the fight against the anti-vaxxers

442

00:18:21,750 --> 00:18:20,559

and a contributor to the skeptic

443

00:18:24,870 --> 00:18:21,760

magazine

444

00:18:26,950 --> 00:18:24,880

we will miss your poetry shelley

445

00:18:28,549 --> 00:18:26,960

martin hadley served on the new south

446

00:18:31,029 --> 00:18:28,559

wales committee of australian skeptics

447

00:18:33,110 --> 00:18:31,039

for over 20 years

448

00:18:35,029 --> 00:18:33,120

reaching the role of president

449

00:18:36,310 --> 00:18:35,039

and when he passed away only a few short

450

00:18:39,029 --> 00:18:36,320

weeks ago

451
00:18:41,029 --> 00:18:39,039
he was the treasurer

452
00:18:43,909 --> 00:18:41,039
all three of these people left us far

453
00:18:44,870 --> 00:18:43,919
too soon all three will be missed but

454
00:18:47,590 --> 00:18:44,880
all three

455
00:18:49,320 --> 00:18:47,600
left their mark on the skeptical world

456
00:19:05,750 --> 00:18:49,330
and we thank them

457
00:19:07,110 --> 00:19:05,760
[Music]

458
00:19:11,990 --> 00:19:07,120
and now

459
00:19:20,950 --> 00:19:13,130
with tim mendom

460
00:19:23,430 --> 00:19:20,960
[Music]

461
00:19:25,270 --> 00:19:23,440
hi my name is tim mendem the editor of

462
00:19:27,430 --> 00:19:25,280
the australian skeptics journal the

463
00:19:29,350 --> 00:19:27,440

skeptic and executive officer of

464

00:19:31,590 --> 00:19:29,360

australian skeptics inc

465

00:19:34,470 --> 00:19:31,600

and today we're continuing an article

466

00:19:35,510 --> 00:19:34,480

that we started last week on the nessie

467

00:19:37,190 --> 00:19:35,520

mess

468

00:19:40,150 --> 00:19:37,200

the loch ness monster

469

00:19:41,750 --> 00:19:40,160

and this is from skeptic magazine june

470

00:19:46,070 --> 00:19:41,760

2012

471

00:19:48,230 --> 00:19:46,080

or volume 32 number two

472

00:19:51,430 --> 00:19:48,240

and we spoke before about

473

00:19:53,590 --> 00:19:51,440

the participants especially

474

00:19:56,070 --> 00:19:53,600

colonel wilson the surgeon who

475

00:19:59,270 --> 00:19:56,080

supposedly took the famous photo of loch

476

00:20:00,630 --> 00:19:59,280

ness monster in the 1930s now this is

477

00:20:03,430 --> 00:20:00,640

this article that we published in the

478

00:20:05,190 --> 00:20:03,440

skeptic magazine from june 2012 is

479

00:20:09,110 --> 00:20:05,200

actually reprint of an article we

480

00:20:11,430 --> 00:20:09,120

earlier published in 1994

481

00:20:12,710 --> 00:20:11,440

and now let's get stuck into part two

482

00:20:18,740 --> 00:20:12,720

which is about

483

00:20:23,510 --> 00:20:20,470

[Music]

484

00:20:25,190 --> 00:20:23,520

on march 13 of 1994 the london sunday

485

00:20:27,110 --> 00:20:25,200

telegraph published a story which

486

00:20:29,270 --> 00:20:27,120

claimed that christian sperling

487

00:20:31,510 --> 00:20:29,280

the last of several men involved in

488

00:20:34,070 --> 00:20:31,520

hoaxing the surgeon's photograph had

489

00:20:36,310 --> 00:20:34,080

made a confession to david martin a

490

00:20:38,870 --> 00:20:36,320

former zoologist with the loch ness and

491

00:20:41,190 --> 00:20:38,880

morar scientific project and fellow

492

00:20:42,950 --> 00:20:41,200

researcher aleister boyd

493

00:20:45,190 --> 00:20:42,960

according to the story and sperling's

494

00:20:48,549 --> 00:20:45,200

confession the daily mail had hired

495

00:20:51,750 --> 00:20:48,559

marmaduke weatherall a filmmaker big

496

00:20:53,430 --> 00:20:51,760

game hunter and sperling's stepfather to

497

00:20:55,350 --> 00:20:53,440

find the monster

498

00:20:58,950 --> 00:20:55,360

witheral are spurling to make him a

499

00:21:01,510 --> 00:20:58,960

monster which he did using plastic wood

500

00:21:02,630 --> 00:21:01,520

attached to a 35 centimetre toy tin

501
00:21:04,070 --> 00:21:02,640
submarine

502
00:21:05,990 --> 00:21:04,080
bought for a few shillings from

503
00:21:07,430 --> 00:21:06,000
woolworths in the london suburb of

504
00:21:09,750 --> 00:21:07,440
richmond

505
00:21:12,789 --> 00:21:09,760
according to one report from the sydney

506
00:21:15,270 --> 00:21:12,799
telegraph mirror in 1994 a detailed

507
00:21:18,070 --> 00:21:15,280
study by david martin has found that

508
00:21:20,149 --> 00:21:18,080
nessie was made in just eight days

509
00:21:23,430 --> 00:21:20,159
the finished monster was 30 centimeters

510
00:21:26,710 --> 00:21:23,440
high and about 45 centimeters long with

511
00:21:29,029 --> 00:21:26,720
a lead keel to give extra stability

512
00:21:31,669 --> 00:21:29,039
mama duke weatherill's son ian took the

513
00:21:34,310 --> 00:21:31,679

photo on a quiet day on the lock

514

00:21:36,789 --> 00:21:34,320

according to a reuters report

515

00:21:39,029 --> 00:21:36,799

a friend recommended colonel wilson as a

516

00:21:41,029 --> 00:21:39,039

front man no doubt because of his

517

00:21:43,750 --> 00:21:41,039

impeccable scientific credentials and

518

00:21:47,909 --> 00:21:43,760

commendable detachment admittedly the

519

00:21:49,350 --> 00:21:47,919

reports published in newspapers in 1994

520

00:21:51,430 --> 00:21:49,360

show some slight difference on the

521

00:21:53,909 --> 00:21:51,440

number of people involved with one

522

00:21:56,630 --> 00:21:53,919

report quoting five conspirators

523

00:21:58,630 --> 00:21:56,640

weatherall his son his stepson colonel

524

00:22:01,510 --> 00:21:58,640

wilson and one other

525

00:22:03,270 --> 00:22:01,520

and another vegas several men

526

00:22:05,510 --> 00:22:03,280

the fifth conspirator could be morris

527

00:22:07,110 --> 00:22:05,520

chambers an insurance agent who

528

00:22:10,630 --> 00:22:07,120

apparently arranged for wilson to

529

00:22:12,230 --> 00:22:10,640

present the photos to the daily mail

530

00:22:14,310 --> 00:22:12,240

the sydney telegraph mirror says the

531

00:22:15,669 --> 00:22:14,320

photo was sold to an unsuspecting

532

00:22:17,909 --> 00:22:15,679

newspaper

533

00:22:20,470 --> 00:22:17,919

whereas the reuters report implies the

534

00:22:22,630 --> 00:22:20,480

newspaper was at least indirectly

535

00:22:25,110 --> 00:22:22,640

involved in the hoax

536

00:22:27,750 --> 00:22:25,120

on this latter point according to

537

00:22:30,789 --> 00:22:27,760

monster researcher nicholas witchell

538

00:22:32,789 --> 00:22:30,799

in 1933 the daily mail had hired a

539

00:22:35,909 --> 00:22:32,799

famous big game hunter

540

00:22:37,669 --> 00:22:35,919

mr w.a weatherall

541

00:22:39,669 --> 00:22:37,679

spelling is different a fellow of the

542

00:22:42,789 --> 00:22:39,679

royal geographical society in royal

543

00:22:44,549 --> 00:22:42,799

zoological society to track down nessie

544

00:22:46,230 --> 00:22:44,559

after only four days weatherall's team

545

00:22:47,909 --> 00:22:46,240

came across footprints on the south

546

00:22:49,750 --> 00:22:47,919

shore of the loch

547

00:22:51,830 --> 00:22:49,760

plaster cars were made and sent off to

548

00:22:53,270 --> 00:22:51,840

the british museum of natural history

549

00:22:55,110 --> 00:22:53,280

which earlier the next year reported

550

00:22:57,430 --> 00:22:55,120

that they were unable to find any

551
00:22:59,750 --> 00:22:57,440
significant difference between these

552
00:23:01,830 --> 00:22:59,760
impressions and those made by a

553
00:23:04,310 --> 00:23:01,840
hippopotamus

554
00:23:06,870 --> 00:23:04,320
the footprints it turned out were made

555
00:23:08,470 --> 00:23:06,880
using a loch ness residence hippo foot

556
00:23:09,750 --> 00:23:08,480
umbrella stand

557
00:23:13,110 --> 00:23:09,760
which probably explains why all the

558
00:23:14,870 --> 00:23:13,120
footprints were of the same foot

559
00:23:16,789 --> 00:23:14,880
on january 15

560
00:23:18,149 --> 00:23:16,799
weather reported seeing something while

561
00:23:19,830 --> 00:23:18,159
cruising the lock

562
00:23:22,470 --> 00:23:19,840
but he said he was convinced the lock

563
00:23:24,390 --> 00:23:22,480

only contained a large grey seal

564

00:23:26,070 --> 00:23:24,400

the following year he resigned his

565

00:23:27,270 --> 00:23:26,080

fellowship of the royal geographical

566

00:23:29,110 --> 00:23:27,280

society

567

00:23:30,549 --> 00:23:29,120

no more was heard of him until the

568

00:23:32,310 --> 00:23:30,559

recent report

569

00:23:34,630 --> 00:23:32,320

it has been suggested that weatherall's

570

00:23:36,470 --> 00:23:34,640

involvement in the surgeon's photograph

571

00:23:38,950 --> 00:23:36,480

was an act of revenge

572

00:23:40,149 --> 00:23:38,960

for the debunking of his hippo monster

573

00:23:42,470 --> 00:23:40,159

prince

574

00:23:44,149 --> 00:23:42,480

witchell makes no suspect or otherwise

575

00:23:46,390 --> 00:23:44,159

connection between the daily mail

576

00:23:49,510 --> 00:23:46,400

sponsoring of weatherall it's apparently

577

00:23:51,510 --> 00:23:49,520

innocent publishing of his 1933 claims

578

00:23:53,269 --> 00:23:51,520

and the same papers later publication of

579

00:23:55,590 --> 00:23:53,279

the surgeons photograph

580

00:23:57,510 --> 00:23:55,600

mitchell also along with almost everyone

581

00:23:59,510 --> 00:23:57,520

else apparently failed to notice what

582

00:24:01,190 --> 00:23:59,520

ronald bins author of the loch ness

583

00:24:03,190 --> 00:24:01,200

ministry solved

584

00:24:05,430 --> 00:24:03,200

finds extremely significant

585

00:24:06,549 --> 00:24:05,440

which is the date on which the photo was

586

00:24:07,750 --> 00:24:06,559

taken

587

00:24:11,430 --> 00:24:07,760

when was that

588

00:24:15,029 --> 00:24:11,440

april of 1934 says tim dinsdale

589

00:24:17,750 --> 00:24:15,039

early in one morning in april 34 at fw

590

00:24:20,310 --> 00:24:17,760

holiday in the great arm of loch ness

591

00:24:22,950 --> 00:24:20,320

early april agrees with chill

592

00:24:24,710 --> 00:24:22,960

april 34 says costello in search of the

593

00:24:26,870 --> 00:24:24,720

lake monsters

594

00:24:29,190 --> 00:24:26,880

although clearly identified in ghoulis

595

00:24:31,269 --> 00:24:29,200

loch ness monster and others the date

596

00:24:34,230 --> 00:24:31,279

was not mentioned again until 40 years

597

00:24:36,710 --> 00:24:34,240

later in professor mackel's the monsters

598

00:24:38,070 --> 00:24:36,720

of loch ness and the date

599

00:24:40,149 --> 00:24:38,080

april 1st

600

00:24:42,149 --> 00:24:40,159

1934

601
00:24:44,310 --> 00:24:42,159
april fool's day joke or not apparently

602
00:24:46,549 --> 00:24:44,320
the perpetrators of the hoax were

603
00:24:49,350 --> 00:24:46,559
overwhelmed by the huge fuss their trick

604
00:24:50,950 --> 00:24:49,360
aroused and were afraid to confess

605
00:24:52,390 --> 00:24:50,960
a reaction that's often shared by many

606
00:24:54,470 --> 00:24:52,400
another hoaxer

607
00:24:57,830 --> 00:24:54,480
nonetheless their photo remained in

608
00:24:59,669 --> 00:24:57,840
active circulation for another 60 years

609
00:25:02,149 --> 00:24:59,679
becoming the most famous photograph on

610
00:25:04,870 --> 00:25:02,159
the subject and reprinted almost without

611
00:25:06,390 --> 00:25:04,880
fail with every subsequent book or

612
00:25:08,070 --> 00:25:06,400
report

613
00:25:11,110 --> 00:25:08,080

the history of the surgeon's photo is a

614

00:25:12,470 --> 00:25:11,120

classic cautionary tale for all involved

615

00:25:15,190 --> 00:25:12,480

in the search for proof of the

616

00:25:17,350 --> 00:25:15,200

paranormal be it unknown animals ufos

617

00:25:19,110 --> 00:25:17,360

psychic powers or whatever

618

00:25:21,750 --> 00:25:19,120

and a particular warning for the use of

619

00:25:23,430 --> 00:25:21,760

photographic evidence

620

00:25:25,510 --> 00:25:23,440

proponents of the surgeon's photo

621

00:25:27,430 --> 00:25:25,520

stressed the supposed photographer's

622

00:25:28,870 --> 00:25:27,440

impeccable scientific credentials and

623

00:25:31,029 --> 00:25:28,880

demeanor

624

00:25:33,430 --> 00:25:31,039

their attitude amounts to nothing less

625

00:25:35,350 --> 00:25:33,440

than ironic naive and probably

626

00:25:37,190 --> 00:25:35,360

hypocritical snobbery

627

00:25:40,070 --> 00:25:37,200

especially when one considers rituals

628

00:25:42,470 --> 00:25:40,080

comments about the evasive ingenuity of

629

00:25:43,990 --> 00:25:42,480

the scientific community

630

00:25:46,789 --> 00:25:44,000

either they're detached or they're

631

00:25:48,310 --> 00:25:46,799

evasive but they can't be both

632

00:25:50,470 --> 00:25:48,320

they also stressed that the photo had

633

00:25:52,549 --> 00:25:50,480

not been tampered with indicating that

634

00:25:54,630 --> 00:25:52,559

they are in dire need of a little

635

00:25:56,549 --> 00:25:54,640

application of occam's razor but they

636

00:25:58,710 --> 00:25:56,559

seem to too rapidly overrule the

637

00:26:01,909 --> 00:25:58,720

possibility that it could be a real

638

00:26:03,750 --> 00:26:01,919

photo of a fake monster

639

00:26:05,269 --> 00:26:03,760

dinsdale in particular was clearly prone

640

00:26:07,110 --> 00:26:05,279

to wishful thinking

641

00:26:08,549 --> 00:26:07,120

claiming to see a knob on the top of the

642

00:26:10,549 --> 00:26:08,559

creature's head

643

00:26:13,510 --> 00:26:10,559

such a detail is extremely indistinct in

644

00:26:15,669 --> 00:26:13,520

the photo if not totally non-existent

645

00:26:17,190 --> 00:26:15,679

it seems that these marks the knob and

646

00:26:20,390 --> 00:26:17,200

the extra set of ripples behind the

647

00:26:23,350 --> 00:26:20,400

monster are either part of a subtle fake

648

00:26:25,750 --> 00:26:23,360

or genuinely part of the monster he said

649

00:26:28,230 --> 00:26:25,760

the answer is they are neither for it is

650

00:26:30,470 --> 00:26:28,240

not a photo of a genuine monster and it

651
00:26:33,430 --> 00:26:30,480
isn't even a very subtle fake

652
00:26:35,110 --> 00:26:33,440
the subtle aspects are in his mind

653
00:26:38,230 --> 00:26:35,120
the ripples circling out from the

654
00:26:40,230 --> 00:26:38,240
monster seem inaudibly big even for such

655
00:26:42,230 --> 00:26:40,240
a large and bulky creature as nessie is

656
00:26:44,230 --> 00:26:42,240
often described to be

657
00:26:46,149 --> 00:26:44,240
this in fact is the view of current

658
00:26:48,390 --> 00:26:46,159
legitimate investigators of the lox

659
00:26:50,950 --> 00:26:48,400
natural history who claimed after the

660
00:26:53,029 --> 00:26:50,960
hoaxes exposure that for the last 10

661
00:26:56,470 --> 00:26:53,039
years no one had given credence to the

662
00:26:58,390 --> 00:26:56,480
photo for this very reason

663
00:26:59,430 --> 00:26:58,400

the author of this article which is me

664

00:27:01,510 --> 00:26:59,440

by the way

665

00:27:03,909 --> 00:27:01,520

made this same point at an illustrator

666

00:27:06,149 --> 00:27:03,919

talk on unknown animals given at sydney

667

00:27:08,470 --> 00:27:06,159

university in the mid-1980s

668

00:27:10,549 --> 00:27:08,480

but what seems obvious to some people is

669

00:27:12,549 --> 00:27:10,559

obviously invisible to others

670

00:27:14,070 --> 00:27:12,559

particularly those with a predisposition

671

00:27:16,310 --> 00:27:14,080

to believe

672

00:27:17,830 --> 00:27:16,320

and the current age of computer enhanced

673

00:27:20,310 --> 00:27:17,840

computer manipulated and more

674

00:27:22,549 --> 00:27:20,320

importantly computer generated images

675

00:27:23,830 --> 00:27:22,559

photographic evidence becomes entirely

676

00:27:25,830 --> 00:27:23,840

shaky

677

00:27:28,149 --> 00:27:25,840

an original photograph can be scanned

678

00:27:30,950 --> 00:27:28,159

into a computer enhanced to an almost

679

00:27:33,750 --> 00:27:30,960

infinite degree and a new apparently

680

00:27:35,350 --> 00:27:33,760

untouched negative

681

00:27:37,350 --> 00:27:35,360

and even greater manipulation is now

682

00:27:39,029 --> 00:27:37,360

possible with totally digital technology

683

00:27:40,389 --> 00:27:39,039

you just need to look at the concept of

684

00:27:43,269 --> 00:27:40,399

deep fakes

685

00:27:44,549 --> 00:27:43,279

of video of people who don't exist

686

00:27:46,470 --> 00:27:44,559

of course there are still eyewitness

687

00:27:48,870 --> 00:27:46,480

reports to be dealt with but these by

688

00:27:51,190 --> 00:27:48,880

their nature are intangible and prone to

689

00:27:53,269 --> 00:27:51,200

innocent and ingenuous enhancement of

690

00:27:54,630 --> 00:27:53,279

their own as every friend of a fisherman

691

00:27:57,350 --> 00:27:54,640

will tell you

692

00:27:59,830 --> 00:27:57,360

in a way it is sad to lose an icon of

693

00:28:00,950 --> 00:27:59,840

the age the surgeon's photo truly was a

694

00:28:02,789 --> 00:28:00,960

classic

695

00:28:04,630 --> 00:28:02,799

not of the real loch ness monster as it

696

00:28:06,549 --> 00:28:04,640

turns out but what we would like to

697

00:28:08,870 --> 00:28:06,559

think exists there

698

00:28:11,269 --> 00:28:08,880

what it does represent quite clearly is

699

00:28:13,669 --> 00:28:11,279

how our wishes can run away with us

700

00:28:16,630 --> 00:28:13,679

leading us to see what is not there and

701
00:28:19,110 --> 00:28:16,640
to characterize our wishes as reality

702
00:28:20,950 --> 00:28:19,120
in the future as much as in the past we

703
00:28:23,669 --> 00:28:20,960
would be advised to apply some common

704
00:28:25,590 --> 00:28:23,679
sense and commendable detachment

705
00:28:27,010 --> 00:28:25,600
before heading for the deep end of the

706
00:28:29,430 --> 00:28:27,020
lock

707
00:28:31,590 --> 00:28:29,440
[Music]

708
00:28:33,990 --> 00:28:31,600
and that's the second part of the nessie

709
00:28:36,950 --> 00:28:34,000
mess written by tim menden

710
00:28:40,310 --> 00:28:36,960
which appears in the june 2012 issue of

711
00:28:41,830 --> 00:28:40,320
the skeptic volume 32 number two

712
00:28:44,029 --> 00:28:41,840
and as we said you can download this

713
00:28:46,710 --> 00:28:44,039

article from the skeptics website

714

00:28:49,350 --> 00:28:46,720

skeptics.com dot are you in fact you can

715

00:28:50,870 --> 00:28:49,360

download the whole issue for free

716

00:28:51,990 --> 00:28:50,880

like you can with many other issues in

717

00:28:54,310 --> 00:28:52,000

the magazine

718

00:28:56,230 --> 00:28:54,320

but while you're there stop downloading

719

00:28:57,750 --> 00:28:56,240

for free and subscribe to the skeptic

720

00:28:59,350 --> 00:28:57,760

magazine

721

00:29:01,510 --> 00:28:59,360

it'll give you the information you need

722

00:29:03,060 --> 00:29:01,520

on the loch ness monster and everything

723

00:29:09,680 --> 00:29:03,070

else

724

00:29:09,690 --> 00:29:29,029

[Music]

725

00:29:32,470 --> 00:29:30,710

hey everyone this is professor dave i

726

00:29:34,149 --> 00:29:32,480

want to teach you about all kinds of

727

00:29:36,070 --> 00:29:34,159

things regarding science i want to tell

728

00:29:39,750 --> 00:29:36,080

you about physics i want to tell you

729

00:29:42,310 --> 00:29:39,760

about chemistry biology astronomy math

730

00:29:44,230 --> 00:29:42,320

and many many more things come check me

731

00:29:51,110 --> 00:29:44,240

out on youtube the channel is called

732

00:30:07,650 --> 00:30:06,549

[Music]

733

00:30:10,389 --> 00:30:07,660

so

734

00:30:13,269 --> 00:30:10,399

[Music]

735

00:30:15,430 --> 00:30:13,279

hello this is adrian hill from canada

736

00:30:17,990 --> 00:30:15,440

land of waffles maple syrup and the

737

00:30:20,830 --> 00:30:18,000

occasional shifty moose here to read the

738

00:30:24,149 --> 00:30:20,840

australian skeptics newsletter number

739

00:30:26,549 --> 00:30:24,159

136 this newsletter in full is sent out

740

00:30:28,630 --> 00:30:26,559

every other week complete with links in

741

00:30:34,050 --> 00:30:28,640

all the stories you can subscribe to

742

00:30:37,269 --> 00:30:35,350

[Music]

743

00:30:39,830 --> 00:30:37,279

hi all it says

744

00:30:42,549 --> 00:30:39,840

just a few days to skepticon one of the

745

00:30:44,870 --> 00:30:42,559

benefits of an online event is that you

746

00:30:45,830 --> 00:30:44,880

can make a booking right up to the last

747

00:30:50,070 --> 00:30:45,840

minute

748

00:30:52,310 --> 00:30:50,080

rapidly so if you want to see the event

749

00:30:54,950 --> 00:30:52,320

live then you should book soon

750

00:30:58,230 --> 00:30:54,960

you can do so for the low price of 40

751
00:31:00,870 --> 00:30:58,240
australian dollars at the skepticon shop

752
00:31:03,190 --> 00:31:00,880
and that's about 36 canadian dollars for

753
00:31:05,029 --> 00:31:03,200
those canadians listening

754
00:31:07,269 --> 00:31:05,039
and in the meantime

755
00:31:09,269 --> 00:31:07,279
if there is a mean time the judging

756
00:31:11,830 --> 00:31:09,279
panels are pouring over the nominations

757
00:31:14,710 --> 00:31:11,840
for the various annual awards the bent

758
00:31:16,310 --> 00:31:14,720
spoon being particularly anticipated

759
00:31:18,230 --> 00:31:16,320
these will be announced on sunday

760
00:31:20,710 --> 00:31:18,240
morning at the convention as will the

761
00:31:23,509 --> 00:31:20,720
new zealand awards seeing a skepticon is

762
00:31:25,750 --> 00:31:23,519
a joint venture this year

763
00:31:28,230 --> 00:31:25,760

the speakers at the convention are drawn

764

00:31:32,230 --> 00:31:28,240

from australia and new zealand as well

765

00:31:34,950 --> 00:31:32,240

as the uk russia usa and sudan an

766

00:31:36,950 --> 00:31:34,960

eclectic mix is guaranteed for all you

767

00:31:38,130 --> 00:31:36,960

can see the full list on the speakers

768

00:31:39,909 --> 00:31:38,140

and program pages

769

00:31:41,669 --> 00:31:39,919

[Music]

770

00:31:46,149 --> 00:31:41,679

read on

771

00:31:47,350 --> 00:31:46,159

temendom okay tim we shall do just that

772

00:31:51,750 --> 00:31:47,360

news

773

00:31:53,909 --> 00:31:51,760

detox routines to undo the covet vaccine

774

00:31:57,350 --> 00:31:53,919

medical experts are speaking out against

775

00:31:59,509 --> 00:31:57,360

coven 19 vaccine so-called detoxes that

776

00:32:01,669 --> 00:31:59,519

some inaccurately claim can remove the

777

00:32:04,389 --> 00:32:01,679

effects of vaccination received under

778

00:32:06,630 --> 00:32:04,399

mandates and other public health rulings

779

00:32:07,990 --> 00:32:06,640

in one tick tock video that has received

780

00:32:11,350 --> 00:32:08,000

hundreds of thousands of views

781

00:32:14,470 --> 00:32:11,360

unfortunately kerry maday an osteopath

782

00:32:17,590 --> 00:32:14,480

based in georgia usa claimed a bath

783

00:32:20,470 --> 00:32:17,600

containing baking soda epsom salts and

784

00:32:23,830 --> 00:32:20,480

the cleaning agent borax will quote

785

00:32:25,669 --> 00:32:23,840

detox the vax end quote from anyone who

786

00:32:27,909 --> 00:32:25,679

has received a jab

787

00:32:29,190 --> 00:32:27,919

we presume you're not supposed to drink

788

00:32:32,389 --> 00:32:29,200

it

789

00:32:35,509 --> 00:32:32,399

yuri geller's so-called psychic powers

790

00:32:37,750 --> 00:32:35,519

helped boris johnson gain power

791

00:32:39,509 --> 00:32:37,760

not the puff piece this sounds like

792

00:32:42,070 --> 00:32:39,519

rather this is a takedown of another

793

00:32:44,310 --> 00:32:42,080

entirely credulous article extolling the

794

00:32:46,950 --> 00:32:44,320

wonders of geller's significant and

795

00:32:48,950 --> 00:32:46,960

highly overrated so-called psychic

796

00:32:50,870 --> 00:32:48,960

powers

797

00:32:52,149 --> 00:32:50,880

the main reason not to believe in

798

00:32:54,389 --> 00:32:52,159

astrology

799

00:32:56,389 --> 00:32:54,399

what apart from the fact it doesn't work

800

00:32:58,630 --> 00:32:56,399

this article looks at why we trust

801
00:33:00,470 --> 00:32:58,640
generic descriptions of ourselves while

802
00:33:02,630 --> 00:33:00,480
it's from a few months ago it's

803
00:33:04,710 --> 00:33:02,640
obviously still relevant astrology

804
00:33:06,710 --> 00:33:04,720
hasn't changed much over the years it

805
00:33:09,830 --> 00:33:06,720
handily points out astrology's

806
00:33:13,430 --> 00:33:09,840
astronomical errors in all senses and

807
00:33:15,430 --> 00:33:13,440
accurately describes the barnum effect

808
00:33:18,230 --> 00:33:15,440
science and pseudoscience of food

809
00:33:20,470 --> 00:33:18,240
allergy and intolerance testing

810
00:33:22,710 --> 00:33:20,480
adverse reactions to food are common and

811
00:33:24,710 --> 00:33:22,720
estimated to affect around 20 percent of

812
00:33:26,549 --> 00:33:24,720
people in western countries and while

813
00:33:30,310 --> 00:33:26,559

potentially life-threatening they're

814

00:33:33,190 --> 00:33:30,320

increasingly being so-called diagnosed

815

00:33:34,370 --> 00:33:33,200

using unorthodox scientifically unsound

816

00:33:35,909 --> 00:33:34,380

methods

817

00:33:39,509 --> 00:33:35,919

[Music]

818

00:33:42,149 --> 00:33:39,519

mexico's national homeopathic hospital

819

00:33:44,950 --> 00:33:42,159

yeah i don't think i'll go there

820

00:33:47,269 --> 00:33:44,960

an interesting story on a 130 year old

821

00:33:49,430 --> 00:33:47,279

institution the only such hospital in

822

00:33:51,350 --> 00:33:49,440

latin america thank goodness and not

823

00:33:53,669 --> 00:33:51,360

only the hospital but the national

824

00:33:55,430 --> 00:33:53,679

school of medicine and homeopathy part

825

00:33:57,190 --> 00:33:55,440

of the government-funded national

826

00:33:59,430 --> 00:33:57,200

polytechnic institute and the

827

00:34:01,590 --> 00:33:59,440

directorate of traditional medicine

828

00:34:03,750 --> 00:34:01,600

again government funded and developing

829

00:34:06,710 --> 00:34:03,760

coveted prevention and care strategies

830

00:34:09,190 --> 00:34:06,720

using herbalism acupuncture and

831

00:34:11,510 --> 00:34:09,200

of course homeopathy

832

00:34:13,040 --> 00:34:11,520

needless to say the author of this piece

833

00:34:14,629 --> 00:34:13,050

is not impressed

834

00:34:16,550 --> 00:34:14,639

[Music]

835

00:34:18,310 --> 00:34:16,560

events

836

00:34:19,829 --> 00:34:18,320

while some skeptics groups are running

837

00:34:22,149 --> 00:34:19,839

their regular skeptics in the pub

838

00:34:24,550 --> 00:34:22,159

get-togethers online the same talks but

839

00:34:26,389 --> 00:34:24,560

bring your own beer an increasing number

840

00:34:29,190 --> 00:34:26,399

are returning to the live face-to-face

841

00:34:31,669 --> 00:34:29,200

format check your local guides to see

842

00:34:34,069 --> 00:34:31,679

when and where such activities are on or

843

00:34:35,349 --> 00:34:34,079

if they are on considering any coveted

844

00:34:37,190 --> 00:34:35,359

restrictions

845

00:34:39,990 --> 00:34:37,200

check with your local skeptics for more

846

00:34:44,389 --> 00:34:42,629

skeptics in action if you have any ideas

847

00:34:46,149 --> 00:34:44,399

for stories or want to contribute to

848

00:34:48,550 --> 00:34:46,159

skeptics communications such as the

849

00:34:49,990 --> 00:34:48,560

magazine or facebook page or just have

850

00:34:52,470 --> 00:34:50,000

something you want to get off your chest

851
00:34:54,869 --> 00:34:52,480
then you're welcome to get in touch

852
00:34:57,190 --> 00:34:54,879
news leads should be sent to news tips

853
00:34:59,430 --> 00:34:57,200
at skeptics.com.eu

854
00:35:03,190 --> 00:34:59,440
submissions for the magazine etc should

855
00:35:05,270 --> 00:35:03,200
go to editor skeptics.com

856
00:35:07,589 --> 00:35:05,280
and of course comments and suggestions

857
00:35:08,670 --> 00:35:07,599
even those rude ones should also go to

858
00:35:11,349 --> 00:35:08,680
editor

859
00:35:13,589 --> 00:35:11,359
skeptics.com dot a u

860
00:35:15,990 --> 00:35:13,599
items of interest

861
00:35:17,510 --> 00:35:16,000
the psychic mary tarot deck walks on the

862
00:35:20,470 --> 00:35:17,520
grass

863
00:35:23,190 --> 00:35:20,480

a cannabis-oriented reimagining of the

864

00:35:25,190 --> 00:35:23,200

famous ryder weight cards is not your

865

00:35:28,630 --> 00:35:25,200

typical tarot set and not your typical

866

00:35:30,470 --> 00:35:28,640

designs in fact they look rather dull

867

00:35:35,030 --> 00:35:30,480

maybe they figure the user will add

868

00:35:39,109 --> 00:35:37,910

oh and my favorite silliest story of the

869

00:35:42,230 --> 00:35:39,119

week

870

00:35:43,670 --> 00:35:42,240

psychics fall out over a feud and

871

00:35:45,349 --> 00:35:43,680

lizards

872

00:35:47,190 --> 00:35:45,359

inside the bitter feud between two

873

00:35:48,950 --> 00:35:47,200

psychics and former friends after one

874

00:35:51,829 --> 00:35:48,960

claimed the other was quote an

875

00:35:54,310 --> 00:35:51,839

alien-like reptilian lizard end quote in

876

00:35:56,710 --> 00:35:54,320

a bizarre online rant

877

00:35:58,390 --> 00:35:56,720

the other says quote i didn't see this

878

00:35:59,829 --> 00:35:58,400

coming

879

00:36:01,270 --> 00:35:59,839

end quote

880

00:36:03,910 --> 00:36:01,280

i guess he should have

881

00:36:05,990 --> 00:36:03,920

alright that's all for now it's time for

882

00:36:08,150 --> 00:36:06,000

me to run upstairs to make a coffee to

883

00:36:10,630 --> 00:36:08,160

wash down the waffles and to enjoy the

884

00:36:13,349 --> 00:36:10,640

beautiful but cold calgary day and who

885

00:36:16,260 --> 00:36:13,359

knows maybe even to spot a moose this

886

00:36:31,990 --> 00:36:16,270

has been adrian hill see you next time

887

00:36:35,829 --> 00:36:34,230

hello this is maynard did you know that

888

00:36:39,270 --> 00:36:35,839

you could listen to the skeptic zone on

889

00:36:43,829 --> 00:36:39,280

youtube yes i know sounds crazy but it's

890

00:36:48,390 --> 00:36:46,390

also you can hear 40 logical fallacies

891

00:36:49,829 --> 00:36:48,400

with michelle bickersma and funny

892

00:36:53,430 --> 00:36:49,839

sketches with richard saunders and a

893

00:37:04,940 --> 00:36:55,190

just click on the youtube links on the

894

00:37:04,950 --> 00:37:17,190

[Music]

895

00:37:23,670 --> 00:37:19,270

now it's time once again to dive into

896

00:37:27,030 --> 00:37:25,270

the online resource from the australian

897

00:37:30,069 --> 00:37:27,040

government and the national library of

898

00:37:32,950 --> 00:37:30,079

australia full to the brim

899

00:37:35,349 --> 00:37:32,960

and even then more of digital archives

900

00:37:36,950 --> 00:37:35,359

newspapers gazettes periodicals magazine

901
00:37:39,670 --> 00:37:36,960
diaries journals

902
00:37:41,750 --> 00:37:39,680
broadsheets tabloids

903
00:37:43,990 --> 00:37:41,760
menus napkins

904
00:37:45,270 --> 00:37:44,000
back of envelope calculations who knows

905
00:37:49,750 --> 00:37:45,280
what else

906
00:37:51,910 --> 00:37:49,760
said diaries anyway all searchable and

907
00:37:53,750 --> 00:37:51,920
all at your fingertips

908
00:37:54,870 --> 00:37:53,760
and we've had a great time over the last

909
00:37:56,470 --> 00:37:54,880
year or so

910
00:37:58,950 --> 00:37:56,480
looking at references in australian

911
00:38:00,470 --> 00:37:58,960
history to all sorts of paranormal

912
00:38:02,150 --> 00:38:00,480
bits and pieces

913
00:38:03,750 --> 00:38:02,160

and today we're going to continue with a

914

00:38:05,730 --> 00:38:03,760

look at

915

00:38:10,710 --> 00:38:05,740

acupuncture

916

00:38:13,030 --> 00:38:10,720

[Music]

917

00:38:16,550 --> 00:38:13,040

now as acupuncture been mentioned in the

918

00:38:18,550 --> 00:38:16,560

digitized trove archive yes it has

919

00:38:20,550 --> 00:38:18,560

but before we start i thought i would

920

00:38:22,870 --> 00:38:20,560

take a quick side trip to skeptoid

921

00:38:24,550 --> 00:38:22,880

website because i know brian dunning

922

00:38:26,630 --> 00:38:24,560

produced a

923

00:38:29,270 --> 00:38:26,640

episode an episode of skeptoid about

924

00:38:31,349 --> 00:38:29,280

acupuncture and this dates from

925

00:38:33,990 --> 00:38:31,359

2014

926
00:38:36,950 --> 00:38:34,000
and for your information this is episode

927
00:38:38,870 --> 00:38:36,960
431 of skeptoid

928
00:38:41,750 --> 00:38:38,880
and it says

929
00:38:43,430 --> 00:38:41,760
briefly to remind you because i know

930
00:38:44,710 --> 00:38:43,440
undoubtedly you listen to that fine

931
00:38:47,910 --> 00:38:44,720
podcast

932
00:38:51,349 --> 00:38:47,920
this chinese medical tradition stretches

933
00:38:53,589 --> 00:38:51,359
back over 3 000 years the wisdom of

934
00:38:55,510 --> 00:38:53,599
ancients providing medically valid

935
00:38:57,750 --> 00:38:55,520
results even today

936
00:38:59,589 --> 00:38:57,760
well that's the tease isn't it and then

937
00:39:00,870 --> 00:38:59,599
it says

938
00:39:02,950 --> 00:39:00,880

or is it

939

00:39:04,870 --> 00:39:02,960

let's cast a skeptical eye at one of the

940

00:39:07,510 --> 00:39:04,880

most popular alternative medical

941

00:39:09,670 --> 00:39:07,520

modalities in the modern world

942

00:39:12,790 --> 00:39:09,680

and it goes on to say

943

00:39:15,349 --> 00:39:12,800

exactly how ancient is acupuncture

944

00:39:16,790 --> 00:39:15,359

not nearly as ancient as you may think

945

00:39:19,030 --> 00:39:16,800

the first clue is right there in the

946

00:39:21,750 --> 00:39:19,040

hands of the acupuncturist

947

00:39:22,870 --> 00:39:21,760

those slender flexible stainless steel

948

00:39:24,950 --> 00:39:22,880

needles

949

00:39:28,310 --> 00:39:24,960

the technology to make them didn't exist

950

00:39:29,349 --> 00:39:28,320

until about 400 years ago

951
00:39:31,589 --> 00:39:29,359
and

952
00:39:34,230 --> 00:39:31,599
brian dunning goes on here to talk more

953
00:39:37,030 --> 00:39:34,240
about research into acupuncture and

954
00:39:39,190 --> 00:39:37,040
there are several points to remember

955
00:39:41,430 --> 00:39:39,200
one is that there's no plausibility

956
00:39:43,829 --> 00:39:41,440
behind the basic concept that is putting

957
00:39:46,150 --> 00:39:43,839
little needles into your skin will

958
00:39:47,270 --> 00:39:46,160
effect channel

959
00:39:48,230 --> 00:39:47,280
somehow

960
00:39:54,390 --> 00:39:48,240
energy

961
00:39:56,790 --> 00:39:54,400
which as far as we can possibly

962
00:39:59,030 --> 00:39:56,800
determine was simply made up

963
00:40:02,230 --> 00:39:59,040

as were the meridian points and the

964

00:40:04,150 --> 00:40:02,240

channels of energy in the body which

965

00:40:05,030 --> 00:40:04,160

there is no evidence that they actually

966

00:40:07,270 --> 00:40:05,040

exist

967

00:40:11,829 --> 00:40:07,280

so they were probably

968

00:40:13,510 --> 00:40:11,839

made up concocted sometime in the past

969

00:40:15,589 --> 00:40:13,520

that coupled with

970

00:40:17,430 --> 00:40:15,599

poor results when

971

00:40:20,550 --> 00:40:17,440

uh tested against

972

00:40:22,790 --> 00:40:20,560

placebo and sham acupuncture that is

973

00:40:25,430 --> 00:40:22,800

putting needles any old ware

974

00:40:27,030 --> 00:40:25,440

and reports are patients still feel a

975

00:40:30,150 --> 00:40:27,040

benefit or

976
00:40:32,390 --> 00:40:30,160
pretending to put needles into the skin

977
00:40:35,109 --> 00:40:32,400
in another trial and again

978
00:40:37,109 --> 00:40:35,119
patients report a benefit which does

979
00:40:38,630 --> 00:40:37,119
seem to heavily indicate the placebo

980
00:40:40,950 --> 00:40:38,640
effect

981
00:40:42,790 --> 00:40:40,960
but we should dive now into the archives

982
00:40:45,670 --> 00:40:42,800
at trove and see what

983
00:40:47,589 --> 00:40:45,680
references what stories reports

984
00:40:49,829 --> 00:40:47,599
have been published here in australia

985
00:40:51,990 --> 00:40:49,839
about acupuncture

986
00:40:55,349 --> 00:40:52,000
now let's start in the year 1973 on the

987
00:40:57,030 --> 00:40:55,359
15th of february from the canberra times

988
00:40:58,069 --> 00:40:57,040

acupuncture

989

00:41:00,710 --> 00:40:58,079

fails

990

00:41:01,829 --> 00:41:00,720

geneva sunday australian associated

991

00:41:05,270 --> 00:41:01,839

press

992

00:41:07,510 --> 00:41:05,280

a western anesthetist says after three

993

00:41:09,910 --> 00:41:07,520

weeks of observing acupuncture in china

994

00:41:12,309 --> 00:41:09,920

that he is convinced the practice of

995

00:41:14,950 --> 00:41:12,319

killing pain by puncturing the body with

996

00:41:16,150 --> 00:41:14,960

thin needles fails more often than it

997

00:41:18,150 --> 00:41:16,160

succeeds

998

00:41:22,150 --> 00:41:18,160

associated press report

999

00:41:24,230 --> 00:41:22,160

professor marcel jim perel director of

1000

00:41:27,030 --> 00:41:24,240

the institute for anesthesiology at

1001
00:41:29,589 --> 00:41:27,040
geneva university said acupuncture

1002
00:41:31,349 --> 00:41:29,599
should not be practiced in the west as

1003
00:41:34,150 --> 00:41:31,359
long as there was quote

1004
00:41:37,349 --> 00:41:34,160
no detailed honest data supporting

1005
00:41:39,670 --> 00:41:37,359
claims that it is a complete success end

1006
00:41:42,309 --> 00:41:39,680
quote not off to a flying start and we

1007
00:41:44,790 --> 00:41:42,319
move forward a year to the year 1974 on

1008
00:41:46,390 --> 00:41:44,800
the 29th of november again from the

1009
00:41:49,270 --> 00:41:46,400
canberra times

1010
00:41:51,349 --> 00:41:49,280
acupuncture criticized tel aviv

1011
00:41:52,630 --> 00:41:51,359
thursday australian associated press

1012
00:41:54,710 --> 00:41:52,640
reuter

1013
00:41:57,829 --> 00:41:54,720

acupuncture was

1014

00:42:00,470 --> 00:41:57,839

catching on in the united states at an

1015

00:42:02,390 --> 00:42:00,480

ominous and potentially harmful rate

1016

00:42:04,069 --> 00:42:02,400

according to an american doctor who

1017

00:42:07,109 --> 00:42:04,079

thinks it is sort of

1018

00:42:09,910 --> 00:42:07,119

tribal medicine ineffective in the west

1019

00:42:12,790 --> 00:42:09,920

dr william kroger executive director of

1020

00:42:15,109 --> 00:42:12,800

the institute for comprehensive medicine

1021

00:42:17,750 --> 00:42:15,119

in beverly hills california said in tel

1022

00:42:19,589 --> 00:42:17,760

aviv there was no scientific rationale

1023

00:42:23,030 --> 00:42:19,599

for acupuncture which

1024

00:42:24,550 --> 00:42:23,040

quote is nothing more than psychotherapy

1025

00:42:27,829 --> 00:42:24,560

end quote

1026
00:42:28,870 --> 00:42:27,839
and again in the year 1974

1027
00:42:30,390 --> 00:42:28,880
from

1028
00:42:32,790 --> 00:42:30,400
and here's a good one

1029
00:42:34,390 --> 00:42:32,800
the banana coast opinion

1030
00:42:36,150 --> 00:42:34,400
coughs harbour

1031
00:42:38,150 --> 00:42:36,160
and that is in the state of new south

1032
00:42:40,309 --> 00:42:38,160
wales 14th of february

1033
00:42:42,550 --> 00:42:40,319
1974

1034
00:42:44,069 --> 00:42:42,560
future for acupuncture

1035
00:42:46,230 --> 00:42:44,079
there was a definite future for

1036
00:42:47,589 --> 00:42:46,240
acupuncture in country towns a sydney

1037
00:42:50,150 --> 00:42:47,599
advocate of the

1038
00:42:51,190 --> 00:42:50,160

5 000 year old chinese medicine said

1039

00:42:53,030 --> 00:42:51,200

today

1040

00:42:55,990 --> 00:42:53,040

and i'll just comment here right off the

1041

00:42:58,550 --> 00:42:56,000

bat that that opening paragraph

1042

00:43:00,870 --> 00:42:58,560

says a lot

1043

00:43:03,910 --> 00:43:00,880

because it states that

1044

00:43:05,270 --> 00:43:03,920

acupuncture is 5000 years old and i

1045

00:43:06,069 --> 00:43:05,280

don't think there's any evidence for

1046

00:43:10,870 --> 00:43:06,079

that

1047

00:43:13,109 --> 00:43:10,880

chinese medicine

1048

00:43:14,390 --> 00:43:13,119

which again there's no good evidence for

1049

00:43:18,790 --> 00:43:14,400

that

1050

00:43:21,670 --> 00:43:18,800

medicine

1051

00:43:23,510 --> 00:43:21,680

douglas whitland age 32 has extended his

1052

00:43:25,670 --> 00:43:23,520

consultations on acupuncture to coffs

1053

00:43:27,990 --> 00:43:25,680

harbour one day a week

1054

00:43:30,710 --> 00:43:28,000

he has a diploma from the hong kong

1055

00:43:32,309 --> 00:43:30,720

college of acupuncture and is also an

1056

00:43:34,870 --> 00:43:32,319

osteopath

1057

00:43:36,550 --> 00:43:34,880

mr whitlin and i'm pleased here to say

1058

00:43:38,069 --> 00:43:36,560

just as an aside that they don't call

1059

00:43:41,030 --> 00:43:38,079

him doctor

1060

00:43:42,790 --> 00:43:41,040

mr whitlin a canadian said he thought

1061

00:43:45,190 --> 00:43:42,800

there was a more

1062

00:43:48,230 --> 00:43:45,200

ready acceptance of acupuncture in

1063

00:43:49,670 --> 00:43:48,240

australia than in north america

1064

00:43:51,910 --> 00:43:49,680

when you explain the logic behind

1065

00:43:55,109 --> 00:43:51,920

acupuncture to an australian he is more

1066

00:43:57,829 --> 00:43:55,119

likely to say he'll give it a go he said

1067

00:43:59,990 --> 00:43:57,839

problems discussed by mr whitland

1068

00:44:02,630 --> 00:44:00,000

during his first day in coffs harbour on

1069

00:44:04,230 --> 00:44:02,640

monday included a liver complaint

1070

00:44:05,910 --> 00:44:04,240

dramatic problems

1071

00:44:09,030 --> 00:44:05,920

and a shoulder complaint

1072

00:44:11,670 --> 00:44:09,040

he will be at the elite motel

1073

00:44:13,750 --> 00:44:11,680

each monday for consultation he said

1074

00:44:16,150 --> 00:44:13,760

acupuncture was not

1075

00:44:19,109 --> 00:44:16,160

a magic wand and people should not

1076

00:44:21,589 --> 00:44:19,119

expect immediate cure in most cases

1077

00:44:24,470 --> 00:44:21,599

there will be an easing of symptoms and

1078

00:44:26,309 --> 00:44:24,480

a steady improvement he said acupuncture

1079

00:44:28,950 --> 00:44:26,319

corrects imbalances in the energy

1080

00:44:31,589 --> 00:44:28,960

flowing through the body by influencing

1081

00:44:34,069 --> 00:44:31,599

the energy flow at points where the hair

1082

00:44:36,309 --> 00:44:34,079

thin needles are inserted the person may

1083

00:44:39,589 --> 00:44:36,319

feel a slight sensation of heat or

1084

00:44:41,910 --> 00:44:39,599

numbness and occasionally a slight brick

1085

00:44:44,230 --> 00:44:41,920

however this is less unpleasant than

1086

00:44:46,550 --> 00:44:44,240

having an injection mr whitland said

1087

00:44:48,390 --> 00:44:46,560

some people he spoke to were openly

1088

00:44:50,710 --> 00:44:48,400

skeptical

1089

00:44:52,550 --> 00:44:50,720

but their skepticism did not affect the

1090

00:44:54,870 --> 00:44:52,560

capacity to treat them

1091

00:44:57,510 --> 00:44:54,880

he came into contact with acupuncture in

1092

00:44:59,270 --> 00:44:57,520

southeast asia several years ago and was

1093

00:45:00,870 --> 00:44:59,280

impressed with the eastern people's

1094

00:45:04,069 --> 00:45:00,880

complete faith in it

1095

00:45:06,069 --> 00:45:04,079

i suppose i was initially skeptical but

1096

00:45:09,349 --> 00:45:06,079

it appeared then to be

1097

00:45:11,910 --> 00:45:09,359

based soundly on a time-proven therapy

1098

00:45:14,550 --> 00:45:11,920

and i have found this to be the case he

1099

00:45:17,349 --> 00:45:14,560

said i found i had to take time off from

1100

00:45:19,349 --> 00:45:17,359

my studies of acupuncture to get in tune

1101

00:45:22,390 --> 00:45:19,359

with the completely different philosophy

1102

00:45:24,710 --> 00:45:22,400

of life of which it is an integral part

1103

00:45:26,870 --> 00:45:24,720

mr whitland's wife loris

1104

00:45:28,550 --> 00:45:26,880

an australian he met overseas and

1105

00:45:31,190 --> 00:45:28,560

followed back here

1106

00:45:33,670 --> 00:45:31,200

is now studying acupuncture in sydney he

1107

00:45:34,950 --> 00:45:33,680

said acupuncture could be applied to all

1108

00:45:37,109 --> 00:45:34,960

illnesses

1109

00:45:40,550 --> 00:45:37,119

except where the sufferer was beyond

1110

00:45:42,150 --> 00:45:40,560

human help or where immediate surgery

1111

00:45:43,670 --> 00:45:42,160

was necessary

1112

00:45:45,430 --> 00:45:43,680

that's an interesting article is he

1113

00:45:47,589 --> 00:45:45,440

implying then that acupuncture could be

1114

00:45:50,390 --> 00:45:47,599

used for

1115

00:45:51,750 --> 00:45:50,400

viruses and so on

1116

00:45:55,349 --> 00:45:51,760

one wonders

1117

00:45:57,589 --> 00:45:55,359

cancer maybe i don't know 1974 that was

1118

00:45:59,589 --> 00:45:57,599

a long time ago

1119

00:46:01,589 --> 00:45:59,599

but let's move on to the papua new

1120

00:46:07,589 --> 00:46:01,599

guinea post courier

1121

00:46:10,230 --> 00:46:07,599

dated the 27th of july 1973

1122

00:46:12,230 --> 00:46:10,240

tropical doctor asks

1123

00:46:14,390 --> 00:46:12,240

what's the point

1124

00:46:16,630 --> 00:46:14,400

visitors to china who are interested in

1125

00:46:19,670 --> 00:46:16,640

medicine are likely to be offered the

1126
00:46:23,190 --> 00:46:19,680
privilege of observing a major operation

1127
00:46:25,270 --> 00:46:23,200
under acupuncture anesthesia the patient

1128
00:46:26,470 --> 00:46:25,280
seemed to be quite alert although

1129
00:46:29,510 --> 00:46:26,480
usually

1130
00:46:31,430 --> 00:46:29,520
having received quote pre-medication and

1131
00:46:33,990 --> 00:46:31,440
quote drugs like those used in western

1132
00:46:36,150 --> 00:46:34,000
surgery lies quietly on the operating

1133
00:46:38,230 --> 00:46:36,160
table

1134
00:46:40,470 --> 00:46:38,240
and now i'll just stop there to say i

1135
00:46:43,190 --> 00:46:40,480
think that's a big clue

1136
00:46:45,990 --> 00:46:43,200
in that last paragraph

1137
00:46:48,790 --> 00:46:46,000
we read on one or more fine needles are

1138
00:46:51,829 --> 00:46:48,800

gently inserted into a distant part of

1139

00:46:53,990 --> 00:46:51,839

the body and quietly stimulated by

1140

00:46:55,430 --> 00:46:54,000

twisting or by

1141

00:46:57,829 --> 00:46:55,440

electricity

1142

00:47:00,230 --> 00:46:57,839

after some time the patient is regarded

1143

00:47:02,630 --> 00:47:00,240

as ready for the operation and his

1144

00:47:05,750 --> 00:47:02,640

abdomen or chest or skull

1145

00:47:08,950 --> 00:47:05,760

is opened for the procedure the patient

1146

00:47:11,750 --> 00:47:08,960

conversing quietly with his attendance

1147

00:47:14,630 --> 00:47:11,760

throughout or sipping tea

1148

00:47:16,790 --> 00:47:14,640

the anesthesiologist using acupuncture

1149

00:47:17,910 --> 00:47:16,800

can travel with just a few needles in

1150

00:47:20,470 --> 00:47:17,920

his pocket

1151
00:47:22,950 --> 00:47:20,480
expensive machines highly purified gases

1152
00:47:26,390 --> 00:47:22,960
and dangerous drugs the essentials for

1153
00:47:28,309 --> 00:47:26,400
our modern anesthesia are not required

1154
00:47:31,349 --> 00:47:28,319
how suitable would acupuncture be for

1155
00:47:34,309 --> 00:47:31,359
papua new guinea there are many lessons

1156
00:47:37,349 --> 00:47:34,319
for papua new guinea in chinese medicine

1157
00:47:38,390 --> 00:47:37,359
and it is inevitable that contact with

1158
00:47:40,069 --> 00:47:38,400
china

1159
00:47:42,069 --> 00:47:40,079
will increase

1160
00:47:44,150 --> 00:47:42,079
but perhaps we should sound a few

1161
00:47:46,630 --> 00:47:44,160
warnings before planning that all our

1162
00:47:48,950 --> 00:47:46,640
anesthetics be given by this

1163
00:47:52,069 --> 00:47:48,960

elementary economic method

1164

00:47:53,190 --> 00:47:52,079

first even in china acupuncture does not

1165

00:47:54,309 --> 00:47:53,200

always

1166

00:47:56,950 --> 00:47:54,319

work

1167

00:47:59,670 --> 00:47:56,960

conventional anesthetics have often to

1168

00:48:02,549 --> 00:47:59,680

be used to assist acupuncture

1169

00:48:04,549 --> 00:48:02,559

when patient feels pain some patients

1170

00:48:05,670 --> 00:48:04,559

seem better candidates for acupuncture

1171

00:48:08,230 --> 00:48:05,680

than others

1172

00:48:10,309 --> 00:48:08,240

second the theory upon which acupuncture

1173

00:48:13,349 --> 00:48:10,319

is based has yet

1174

00:48:16,870 --> 00:48:13,359

no basis in western science

1175

00:48:18,950 --> 00:48:16,880

acupuncture seeks quote meridian points

1176

00:48:21,109 --> 00:48:18,960

end quote where stimulation or

1177

00:48:23,750 --> 00:48:21,119

irritation will influence disease or

1178

00:48:26,790 --> 00:48:23,760

pain in a distant part of the body

1179

00:48:30,069 --> 00:48:26,800

our sciences of anatomy and physiology

1180

00:48:32,630 --> 00:48:30,079

cannot locate or explain these points

1181

00:48:34,790 --> 00:48:32,640

this does not mean they do not exist but

1182

00:48:36,390 --> 00:48:34,800

it justifies a proper scientific

1183

00:48:38,390 --> 00:48:36,400

skepticism

1184

00:48:41,190 --> 00:48:38,400

third the success of acupuncture should

1185

00:48:43,750 --> 00:48:41,200

be seen against the success of china

1186

00:48:47,030 --> 00:48:43,760

we learn of the great enthusiasm in

1187

00:48:49,349 --> 00:48:47,040

china for the national cause the loyalty

1188

00:48:50,549 --> 00:48:49,359

and devotion to the leader philosopher

1189

00:48:53,750 --> 00:48:50,559

mao zedong

1190

00:48:55,270 --> 00:48:53,760

and great solidarity of purpose of the

1191

00:48:58,069 --> 00:48:55,280

chinese people

1192

00:49:00,870 --> 00:48:58,079

we know that the enthusiasm with which

1193

00:49:03,349 --> 00:49:00,880

any treatment is promoted

1194

00:49:07,109 --> 00:49:03,359

greatly affects the patient's response

1195

00:49:09,109 --> 00:49:07,119

to it if we are not able to reproduce at

1196

00:49:12,950 --> 00:49:09,119

least some of the elements of chinese

1197

00:49:16,230 --> 00:49:12,960

enthusiasm and ideology we might expect

1198

00:49:20,150 --> 00:49:16,240

we would not be able to reproduce their

1199

00:49:22,710 --> 00:49:20,160

excellent results with acupuncture and

1200

00:49:26,950 --> 00:49:22,720

accompanying this story is a

1201
00:49:29,349 --> 00:49:26,960
illustration of a chinese gentleman with

1202
00:49:33,430 --> 00:49:29,359
meridian lines

1203
00:49:35,349 --> 00:49:33,440
down his side and along his leg

1204
00:49:36,870 --> 00:49:35,359
the caption says chinese acupuncture

1205
00:49:38,549 --> 00:49:36,880
points on the body

1206
00:49:42,150 --> 00:49:38,559
each acupuncture point on the body has

1207
00:49:45,190 --> 00:49:42,160
its own importance with in the 2 000

1208
00:49:46,630 --> 00:49:45,200
year old chinese science or art of

1209
00:49:48,790 --> 00:49:46,640
acupuncture

1210
00:49:51,109 --> 00:49:48,800
and i'm just uh reminded of one of the

1211
00:49:54,309 --> 00:49:51,119
logical fallacies michelle biggesmar

1212
00:49:56,230 --> 00:49:54,319
mentioned in her segment last year

1213
00:50:00,230 --> 00:49:56,240

the appeal to

1214

00:50:03,510 --> 00:50:00,240

wisdom

1215

00:50:05,430 --> 00:50:03,520

and finally still stuck in the 1970s

1216

00:50:07,589 --> 00:50:05,440

again from the papua new guinea post

1217

00:50:11,190 --> 00:50:07,599

courier and this is

1218

00:50:14,470 --> 00:50:11,200

on the 7th of may 1976.

1219

00:50:16,710 --> 00:50:14,480

how about acupuncture for cows

1220

00:50:18,630 --> 00:50:16,720

the ancient chinese practice of

1221

00:50:20,549 --> 00:50:18,640

acupuncture has become a topic of

1222

00:50:23,670 --> 00:50:20,559

increasing interest in medical circles

1223

00:50:26,069 --> 00:50:23,680

around the world in recent years

1224

00:50:28,230 --> 00:50:26,079

so far most of the discussions are

1225

00:50:30,549 --> 00:50:28,240

centered on its healing effects as a

1226

00:50:33,990 --> 00:50:30,559

source of relief or even

1227

00:50:36,150 --> 00:50:34,000

possibly cure for many human ailments

1228

00:50:38,710 --> 00:50:36,160

now it is being applied in the animal

1229

00:50:41,670 --> 00:50:38,720

kingdom in the republic of china and

1230

00:50:44,549 --> 00:50:41,680

shows promise in meeting a major problem

1231

00:50:46,309 --> 00:50:44,559

of the livestock industry

1232

00:50:48,309 --> 00:50:46,319

three staff veterinarians of the

1233

00:50:50,150 --> 00:50:48,319

national taiwan

1234

00:50:51,589 --> 00:50:50,160

university are using acupuncture to

1235

00:50:53,270 --> 00:50:51,599

treat cows

1236

00:50:56,630 --> 00:50:53,280

which for one reason or another are

1237

00:50:59,510 --> 00:50:56,640

sterile and do not bear calms the

1238

00:51:01,589 --> 00:50:59,520

research program it is believed could

1239

00:51:03,990 --> 00:51:01,599

open a new vista for acupuncture

1240

00:51:08,069 --> 00:51:04,000

practice in animal husbandry

1241

00:51:10,630 --> 00:51:08,079

the program was conducted by feng heng

1242

00:51:12,470 --> 00:51:10,640

of the national taiwan university

1243

00:51:15,510 --> 00:51:12,480

veterinarian hospital

1244

00:51:18,309 --> 00:51:15,520

and to others nine cows including six

1245

00:51:19,750 --> 00:51:18,319

with cystic ovaries and three which

1246

00:51:21,030 --> 00:51:19,760

failed to come

1247

00:51:23,829 --> 00:51:21,040

in heat

1248

00:51:27,109 --> 00:51:23,839

the period when conception is almost

1249

00:51:28,870 --> 00:51:27,119

certain were chosen for the experiment

1250

00:51:31,349 --> 00:51:28,880

they had previously been treated

1251
00:51:34,230 --> 00:51:31,359
unsuccessfully by other methods with the

1252
00:51:36,390 --> 00:51:34,240
help of instruments the researchers

1253
00:51:38,870 --> 00:51:36,400
decided on two acupuncture points near

1254
00:51:40,309 --> 00:51:38,880
the ovaries on both sides of the cow's

1255
00:51:42,069 --> 00:51:40,319
spinal columns

1256
00:51:44,790 --> 00:51:42,079
an acupuncture point is where the

1257
00:51:46,870 --> 00:51:44,800
experts say needles deliver the maximum

1258
00:51:51,030 --> 00:51:46,880
stimulus effects

1259
00:51:55,270 --> 00:51:53,510
and i apologize if i've

1260
00:51:58,630 --> 00:51:55,280
pronounced that incorrectly

1261
00:52:00,230 --> 00:51:58,640
each cow was punctured one to four times

1262
00:52:02,950 --> 00:52:00,240
at the points with

1263
00:52:05,910 --> 00:52:02,960

electrified needles

1264

00:52:09,670 --> 00:52:05,920

poor cows two cows were released from

1265

00:52:11,589 --> 00:52:09,680

the experiment for non-medical reasons

1266

00:52:14,150 --> 00:52:11,599

they probably ran away

1267

00:52:16,390 --> 00:52:14,160

all those remaining are now pregnant two

1268

00:52:19,829 --> 00:52:16,400

of the cows which had failed to come

1269

00:52:23,510 --> 00:52:19,839

into heat for over one year showed signs

1270

00:52:25,349 --> 00:52:23,520

of the approaching period within 19 days

1271

00:52:27,190 --> 00:52:25,359

after the first treatment

1272

00:52:29,910 --> 00:52:27,200

the remaining five

1273

00:52:32,230 --> 00:52:29,920

all suffering from ovarian cysts had

1274

00:52:35,670 --> 00:52:32,240

received hormone injections two or three

1275

00:52:38,309 --> 00:52:35,680

times without favorable results

1276

00:52:40,150 --> 00:52:38,319

the ovarian cysts of four of the cows

1277

00:52:42,790 --> 00:52:40,160

disappeared following the first

1278

00:52:45,670 --> 00:52:42,800

acupuncture treatments the first sign of

1279

00:52:48,150 --> 00:52:45,680

the approaching fertile period

1280

00:52:49,990 --> 00:52:48,160

were found around the tenth day after

1281

00:52:52,870 --> 00:52:50,000

the treatment because of the shortage of

1282

00:52:55,030 --> 00:52:52,880

open grazing land says fang most of

1283

00:52:57,670 --> 00:52:55,040

taiwan's milk cows are raised on small

1284

00:53:00,230 --> 00:52:57,680

farms and given hay and concentrated

1285

00:53:02,309 --> 00:53:00,240

feed this has contributed to the

1286

00:53:05,349 --> 00:53:02,319

comparatively high number of cows on the

1287

00:53:08,390 --> 00:53:05,359

island suffering from ovarian cysts such

1288

00:53:11,109 --> 00:53:08,400

cows have long been treated with hormone

1289

00:53:13,829 --> 00:53:11,119

injections but the cure rate has been no

1290

00:53:17,349 --> 00:53:13,839

higher than 70 percent and according to

1291

00:53:20,870 --> 00:53:17,359

fung the hormone treatment also has the

1292

00:53:23,750 --> 00:53:20,880

disadvantage of forming anti-hormones

1293

00:53:26,470 --> 00:53:23,760

so that different kinds of hormones must

1294

00:53:29,109 --> 00:53:26,480

be used in subsequent shots

1295

00:53:31,510 --> 00:53:29,119

the acupuncture experiments with cows so

1296

00:53:34,470 --> 00:53:31,520

far indicate over

1297

00:53:36,470 --> 00:53:34,480

90 percent effectiveness

1298

00:53:38,950 --> 00:53:36,480

but the researchers are cautious about

1299

00:53:41,190 --> 00:53:38,960

making far out predictions

1300

00:53:43,270 --> 00:53:41,200

they point out that the scale of the

1301

00:53:45,030 --> 00:53:43,280

first experiment was small

1302

00:53:47,510 --> 00:53:45,040

and that the program is not yet

1303

00:53:49,750 --> 00:53:47,520

completed one thing appears to be

1304

00:53:51,990 --> 00:53:49,760

certain acupuncture can be effective in

1305

00:53:54,470 --> 00:53:52,000

restoring the heat cycle of cows and

1306

00:53:57,349 --> 00:53:54,480

perhaps other animals as well how does

1307

00:53:59,190 --> 00:53:57,359

acupuncture cure that is a frequently

1308

00:54:00,710 --> 00:53:59,200

asked question but still without an

1309

00:54:02,470 --> 00:54:00,720

exact answer

1310

00:54:03,349 --> 00:54:02,480

many theories to explain it have been

1311

00:54:06,790 --> 00:54:03,359

offered

1312

00:54:09,430 --> 00:54:06,800

none is scientifically verified

1313

00:54:11,270 --> 00:54:09,440

the ancients said the needles regulate

1314

00:54:14,710 --> 00:54:11,280

the flow of chi

1315

00:54:18,549 --> 00:54:14,720

the invisible life force and correct any

1316

00:54:19,030 --> 00:54:18,559

imbalance affecting the vital organs

1317

00:54:20,150 --> 00:54:19,040

chia

1318

00:54:22,790 --> 00:54:20,160

[Music]

1319

00:54:24,870 --> 00:54:22,800

and associate professor of physics of

1320

00:54:27,829 --> 00:54:24,880

the academia

1321

00:54:32,230 --> 00:54:27,839

seneca believes that both static

1322

00:54:35,190 --> 00:54:32,240

electricity and electric polarity work

1323

00:54:36,630 --> 00:54:35,200

in acupuncture anesthesia pain relief

1324

00:54:38,309 --> 00:54:36,640

and cures

1325

00:54:40,470 --> 00:54:38,319

feng heng

1326
00:54:43,990 --> 00:54:40,480
favors the theory that acupuncture

1327
00:54:46,710 --> 00:54:44,000
stimulates inactive organs and corrects

1328
00:54:49,670 --> 00:54:46,720
organic imbalances when an organ or part

1329
00:54:52,789 --> 00:54:49,680
of an organ is inactive or functions

1330
00:54:55,270 --> 00:54:52,799
abnormally he says the body is sick

1331
00:54:59,510 --> 00:54:55,280
acupuncture stimulates the nerves and

1332
00:55:01,589 --> 00:54:59,520
aids in sick organs to function normally

1333
00:55:03,990 --> 00:55:01,599
and the picture accompanying this is

1334
00:55:05,990 --> 00:55:04,000
very hard to see because

1335
00:55:09,510 --> 00:55:06,000
it's a black and white reproduction of

1336
00:55:11,109 --> 00:55:09,520
low quality but it appears to be fang

1337
00:55:13,510 --> 00:55:11,119
ping and

1338
00:55:16,309 --> 00:55:13,520

another vet treating a cow

1339

00:55:19,510 --> 00:55:16,319

so there you go a little look into just

1340

00:55:21,589 --> 00:55:19,520

some of the references to acupuncture

1341

00:55:22,870 --> 00:55:21,599

in the journals and gazettes of

1342

00:55:27,850 --> 00:55:22,880

australia

1343

00:55:27,860 --> 00:55:31,589

[Music]

1344

00:55:34,470 --> 00:55:32,870

once again

1345

00:55:36,470 --> 00:55:34,480

we thank those good people at the

1346

00:55:37,910 --> 00:55:36,480

national library of australia who take

1347

00:55:40,309 --> 00:55:37,920

the time and effort

1348

00:55:42,789 --> 00:55:40,319

to digitize these thousands upon

1349

00:55:47,349 --> 00:55:42,799

thousands upon thousands of pages

1350

00:55:52,150 --> 00:55:48,549

dot trove.nla.gov.edu

1351
00:56:09,430 --> 00:55:52,160
you'll never know what you'll find

1352
00:56:13,349 --> 00:56:10,870
thank you for listening to the skeptic

1353
00:56:16,150 --> 00:56:13,359
zone i'm still here with the crew

1354
00:56:17,589 --> 00:56:16,160
decompressing after day one of skepticon

1355
00:56:19,109 --> 00:56:17,599
and uh

1356
00:56:21,349 --> 00:56:19,119
from our point of view recording we're

1357
00:56:23,349 --> 00:56:21,359
all going to go to bed very soon so we

1358
00:56:26,309 --> 00:56:23,359
can all get up very early and prepare

1359
00:56:28,390 --> 00:56:26,319
for day two of the convention including

1360
00:56:29,990 --> 00:56:28,400
uh which people have already heard in

1361
00:56:33,510 --> 00:56:30,000
the show of course the winning of the

1362
00:56:35,510 --> 00:56:33,520
bent spoon award and the other awards

1363
00:56:38,870 --> 00:56:35,520

i'm excited for the big reveal i've

1364

00:56:40,150 --> 00:56:38,880

heard your teasers on the radio shows in

1365

00:56:42,630 --> 00:56:40,160

melbourne

1366

00:56:44,870 --> 00:56:42,640

and i think elsewhere too and

1367

00:56:47,270 --> 00:56:44,880

i am excited that you're actually going

1368

00:56:49,109 --> 00:56:47,280

to reveal the findings of the psychic

1369

00:56:50,470 --> 00:56:49,119

prediction yeah

1370

00:56:53,030 --> 00:56:50,480

yeah because a lot of you people have

1371

00:56:55,510 --> 00:56:53,040

been involved over well over a year in

1372

00:56:56,549 --> 00:56:55,520

in working on that project for which i

1373

00:56:58,789 --> 00:56:56,559

am

1374

00:57:00,230 --> 00:56:58,799

very grateful indeed and i'm also

1375

00:57:02,069 --> 00:57:00,240

grateful for those wonderful people out

1376

00:57:03,829 --> 00:57:02,079

there who sponsor the skeptic zone via

1377

00:57:06,150 --> 00:57:03,839

patreon or paypal and you can do that at

1378

00:57:07,750 --> 00:57:06,160

skepticzone.tv

1379

00:57:10,549 --> 00:57:07,760

it's those wonderful people who do that

1380

00:57:13,030 --> 00:57:10,559

means the rest of you can enjoy the show

1381

00:57:15,750 --> 00:57:13,040

well my friends what a treat it is to

1382

00:57:17,990 --> 00:57:15,760

hang out with you after day one

1383

00:57:19,430 --> 00:57:18,000

and uh we're all looking forward to day

1384

00:57:21,030 --> 00:57:19,440

two but for now

1385

00:57:22,710 --> 00:57:21,040

but for now this is richard saunders and

1386

00:57:25,530 --> 00:57:22,720

the whole crew here

1387

00:57:37,270 --> 00:57:25,540

signing off and cheers

1388

00:57:40,549 --> 00:57:39,030

you've been listening to the skeptic

1389

00:57:41,910 --> 00:57:40,559

zone podcast

1390

00:57:45,109 --> 00:57:41,920

please visit our website at

1391

00:57:50,710 --> 00:57:48,150

for show notes contacts and to access

1392

00:57:52,950 --> 00:57:50,720

the back catalog of episodes going back

1393

00:57:54,870 --> 00:57:52,960

to 2008.

1394

00:57:57,589 --> 00:57:54,880

you can follow the skeptic's own podcast

1395

00:57:59,750 --> 00:57:57,599

on twitter at skepticzone

1396

00:58:02,069 --> 00:57:59,760

visit our facebook page or leave a

1397

00:58:04,150 --> 00:58:02,079

review on itunes

1398

00:58:07,349 --> 00:58:04,160

you can also support the skeptic zone

1399

00:58:10,710 --> 00:58:07,359

via patreon or paypal the skeptic zone

1400

00:58:12,309 --> 00:58:10,720

podcast is an independent production the

1401
00:58:14,630 --> 00:58:12,319
views and opinions expressed on the

1402
00:58:17,190 --> 00:58:14,640
skeptical zone are not necessarily those

1403
00:58:35,270 --> 00:58:17,200
of Australian skeptics or any other

1404
00:58:38,309 --> 00:58:36,710
sorry these are the people who stay

1405
00:58:40,390 --> 00:58:38,319
after the music to listen for the dice

1406
00:58:42,710 --> 00:58:40,400
game yes we've got the dice game back

1407
00:58:43,990 --> 00:58:42,720
it's a d8

1408
00:58:46,150 --> 00:58:44,000
d8

1409
00:58:48,710 --> 00:58:46,160
ds

1410
00:58:51,190 --> 00:58:48,720
well let me see

1411
00:58:54,710 --> 00:58:53,190
you guys have messed with me in the past

1412
00:58:56,950 --> 00:58:54,720
all right

1413
00:58:59,190 --> 00:58:56,960

roll number one what do i hear what what

1414

00:59:03,829 --> 00:58:59,200

do i hear michelle what do you think

1415

00:59:05,589 --> 00:59:03,839

well isn't d8 like a date like g8 is

1416

00:59:08,230 --> 00:59:05,599

great

1417

00:59:10,069 --> 00:59:08,240

the um in text so i am actually going to

1418

00:59:12,150 --> 00:59:10,079

go with the eight eighths i have the

1419

00:59:13,990 --> 00:59:12,160

opportunities you don't always get that

1420

00:59:16,950 --> 00:59:14,000

susan's going to pick two

1421

00:59:19,430 --> 00:59:16,960

uh rob what note five five percent

1422

00:59:20,470 --> 00:59:19,440

everybody listening knows you're not

1423

00:59:25,109 --> 00:59:20,480

rob

1424

00:59:28,630 --> 00:59:26,789

i know

1425

00:59:30,150 --> 00:59:28,640

four and i think laura you were saying

1426
00:59:33,270 --> 00:59:30,160
two before you were i'm gonna go with

1427
00:59:35,270 --> 00:59:33,280
two all right here it comes

1428
00:59:39,349 --> 00:59:35,280
hmm

1429
00:59:42,390 --> 00:59:41,109
everyone's disappointed that's terrible

1430
00:59:44,230 --> 00:59:42,400
okay next roll are you going to stay

1431
00:59:45,829 --> 00:59:44,240
with the same numbers

1432
00:59:47,030 --> 00:59:45,839
yeah but i want to be able to see it

1433
00:59:49,210 --> 00:59:47,040
because you know

1434
00:59:50,630 --> 00:59:49,220
trust me here it comes next roll

1435
00:59:51,310 --> 00:59:50,640
[Music]

1436
00:59:55,990 --> 00:59:51,320
uh-huh

1437
01:00:00,950 --> 00:59:58,630
eight michelle got it and no matter

1438
01:00:03,190 --> 01:00:00,960

which way you hold it up that's right

1439

01:00:09,510 --> 01:00:03,200

and the last one coming up

1440

01:00:14,549 --> 01:00:11,990

eight eight

1441

01:00:16,470 --> 01:00:14,559

oh two out of three that's the second

1442

01:00:18,710 --> 01:00:16,480

time that's happened to you to michelle

1443

01:00:21,030 --> 01:00:18,720

i think you've got some special magical

1444

01:00:22,069 --> 01:00:21,040

powers maybe from your friend

1445

01:00:26,549 --> 01:00:22,079

yeah

1446

01:00:27,349 --> 01:00:26,559

thanks everyone come on you guys look

1447

01:00:29,190 --> 01:00:27,359

all

1448

01:00:31,270 --> 01:00:29,200

of you people listening you know how

1449

01:00:32,230 --> 01:00:31,280

hard i'm trying to make sure that it

1450

01:00:34,470 --> 01:00:32,240

sounds

1451

01:00:36,470 --> 01:00:34,480

it just doesn't feel right you know i

1452

01:00:38,789 --> 01:00:36,480

like once in a while or five will come

1453

01:00:39,990 --> 01:00:38,799

through just to tease me and just kind

1454

01:00:42,390 --> 01:00:40,000

of be there

1455

01:00:43,430 --> 01:00:42,400

i think today's the day it's gonna be