The Skeptic Zone Podcast
Show 405 - 24 July 2016

Heidi Robertson

1
00:00:23,620 --> 00:00:09,110
welcome to the skeptic zone the podcast

2
00:00:30,020 --> 00:00:26,660
hello and welcome to the skeptic zone

3
00:00:33,290 --> 00:00:30,030
episode number 405 for the twenty fourth

4
00:00:37,070 --> 00:00:33,300
of July 2015 Richard Saunders here with

5
00:00:39,049 --> 00:00:37,080
you from a very um nippy chili Sydney

6
00:00:43,340 --> 00:00:39,059
Australia and I'll have you know I've

7
00:00:46,729 --> 00:00:43,350
reached level 10 on Pokemon go I know

8
00:00:49,190 --> 00:00:46,739
that's not as good as some but I am

9
00:00:51,140 --> 00:00:49,200
finding it fun whatever else people

10
00:00:53,270 --> 00:00:51,150
might say about it or think about it or

11
00:00:56,870 --> 00:00:53,280
complain about it or love it or hate it

12
00:00:59,450 --> 00:00:56,880
or whatever it is it's fun other that's

13
00:01:01,190 --> 00:00:59,460

some fun I'm chasing these things and

14
00:01:03,110 --> 00:01:01,200
losing battles I wonder what the next

15
00:01:04,579 --> 00:01:03,120
generation of these games will be like

16
00:01:06,530 --> 00:01:04,589
but you don't want to know about pokemon

17
00:01:07,850 --> 00:01:06,540
go or maybe you do or maybe you're doing

18
00:01:11,180 --> 00:01:07,860
it right now as you're listening to the

19
00:01:12,800 --> 00:01:11,190
skeptic zone if you are good luck what's

20
00:01:14,870 --> 00:01:12,810
coming up on this week's show going to

21
00:01:17,030 --> 00:01:14,880
kick off with the raw skeptic report

22
00:01:20,060 --> 00:01:17,040
Heidi Robinson from the northern rivers

23
00:01:23,240 --> 00:01:20,070
area of New South Wales looking into the

24
00:01:26,719 --> 00:01:23,250
claims and the online activities of one

25
00:01:31,280 --> 00:01:26,729
Pete Evans known as paleo Pete who is a

26
00:01:32,870 --> 00:01:31,290
TV chef a TV chef lately he's been in

27
00:01:36,649 --> 00:01:32,880
the news because he's been making

28
00:01:39,050 --> 00:01:36,659
comments about sunscreens casting doubt

29
00:01:43,070 --> 00:01:39,060
on sunscreens which seems to be a little

30
00:01:45,649 --> 00:01:43,080
bit odd as you will discover with Heidi

31
00:01:47,440 --> 00:01:45,659
Pete Evans has been making all sorts of

32
00:01:51,620 --> 00:01:47,450
comments about lots of other things

33
00:01:54,469 --> 00:01:51,630
paleo Pete Evans included in this report

34
00:01:56,450 --> 00:01:54,479
you'll hear skeptics and reporter and

35
00:01:59,450 --> 00:01:56,460
president of Australian skeptics Iran's

36
00:02:02,240 --> 00:01:59,460
to give and a clip featuring dr. Brad

37
00:02:05,480 --> 00:02:02,250
Makai who you have heard on the skipping

38
00:02:07,460 --> 00:02:05,490

zone before famous for being the doctor

39
00:02:10,850 --> 00:02:07,470
or one of the doctors in embarrassing

40
00:02:13,030 --> 00:02:10,860
bodies down under the TV show and dr.

41
00:02:17,569 --> 00:02:13,040
Brad appeared briefly with Pete Evans on

42
00:02:22,490 --> 00:02:17,579
Nova 96.9 radio here in Sydney and thank

43
00:02:24,229 --> 00:02:22,500
you to Nova 96.9 com au Heidi Robinson

44
00:02:26,690 --> 00:02:24,239
the raw skeptic to kick off this week's

45
00:02:28,190 --> 00:02:26,700
skeptic zone then following that we have

46
00:02:30,860 --> 00:02:28,200
a story about homeopathy from the

47
00:02:33,589 --> 00:02:30,870
courier-mail and with some comments by

48
00:02:34,430 --> 00:02:33,599
me and some other reports and it's it's

49
00:02:36,910 --> 00:02:34,440
interesting

50
00:02:40,460 --> 00:02:36,920
uh sir the report revolves around a

51
00:02:44,870 --> 00:02:40,470
homeopath selling homeopathy bear with

52
00:02:47,060 --> 00:02:44,880
me but because they had the newspaper in

53
00:02:48,560 --> 00:02:47,070
question had the pills tested and

54
00:02:52,580 --> 00:02:48,570
discovered that they were nothing but

55
00:02:55,280 --> 00:02:52,590
sugar yes I know you're shocked I know

56
00:02:57,170 --> 00:02:55,290
you're gobsmacked imagine that something

57
00:03:01,130 --> 00:02:57,180
the skeptical community has known for

58
00:03:03,140 --> 00:03:01,140
years and years and years suddenly makes

59
00:03:04,280 --> 00:03:03,150
the news when a newspaper reports it

60
00:03:06,620 --> 00:03:04,290
well that's good i'm glad they're

61
00:03:08,150 --> 00:03:06,630
reporting it but the whole angle is that

62
00:03:10,810 --> 00:03:08,160
oh wow look at this it's nothing but

63
00:03:13,210 --> 00:03:10,820

sugar is quite amazing to us because

64
00:03:17,420 --> 00:03:13,220
what else today expect to find

65
00:03:20,210 --> 00:03:17,430
homeopathy being sold as vaccinations

66
00:03:22,850 --> 00:03:20,220
that story coming up in the middle of

67
00:03:26,030 --> 00:03:22,860
the skeptic zone then to round off the

68
00:03:28,310 --> 00:03:26,040
show Maynard spooky action main art is

69
00:03:31,580 --> 00:03:28,320
totally on tour with the totally 80s

70
00:03:33,650 --> 00:03:31,590
show I think it started in the Gold

71
00:03:37,520 --> 00:03:33,660
Coast I think and then came to Melbourne

72
00:03:39,620 --> 00:03:37,530
and Sydney Canberra Perth Adelaide ho

73
00:03:41,030 --> 00:03:39,630
got two nights in Melbourne back to

74
00:03:43,340 --> 00:03:41,040
Sydney next week for a couple of

75
00:03:46,280 --> 00:03:43,350
performances in Newcastle featuring such

76
00:03:49,310 --> 00:03:46,290
acts as the group Berlin take my breath

77
00:03:51,199 --> 00:03:49,320
away men without hats safety dance might

78
00:03:53,810 --> 00:03:51,209
eager with many songs including her hit

79
00:03:55,220 --> 00:03:53,820
toy soldiers it was a great show i was

80
00:03:57,229 --> 00:03:55,230
there the other week as skeptics and

81
00:03:59,270 --> 00:03:57,239
listeners will remember doing some work

82
00:04:01,010 --> 00:03:59,280
for her for the tour doing some

83
00:04:02,990 --> 00:04:01,020
background work and some video

84
00:04:05,229 --> 00:04:03,000
production may not is having an absolute

85
00:04:08,090 --> 00:04:05,239
ball on this tour being the MC

86
00:04:11,330 --> 00:04:08,100
performing too packed out houses good

87
00:04:13,729 --> 00:04:11,340
stuff but luckily for us may not found

88
00:04:16,370 --> 00:04:13,739

some time on tour at Perth Airport I

89
00:04:20,599 --> 00:04:16,380
think to ask some of the performers on

90
00:04:24,860 --> 00:04:20,609
to do they indulge in rituals and

91
00:04:27,140 --> 00:04:24,870
superstitions how many actors do I'm led

92
00:04:30,050 --> 00:04:27,150
to believe that's like sporting stars

93
00:04:31,820 --> 00:04:30,060
and sporting people they have lucky

94
00:04:34,850 --> 00:04:31,830
items they carry with them or whatever

95
00:04:38,659 --> 00:04:34,860
so may not we'll ask a few of the people

96
00:04:40,670 --> 00:04:38,669
on tour about backstage rituals and

97
00:04:42,050 --> 00:04:40,680
superstitions and i'll put a link to the

98
00:04:44,300 --> 00:04:42,060
tour in the show notes as people in

99
00:04:46,880 --> 00:04:44,310
sydney and newcastle still have a chance

100
00:04:48,020 --> 00:04:46,890
to buy tickets for the show stay tuned

101
00:04:51,050 --> 00:04:48,030
to the end of the show or

102
00:04:54,110 --> 00:04:51,060
be talking about a story I hope to bring

103
00:05:01,370 --> 00:04:54,120
you next week about our lady in Ireland

104
00:05:05,770 --> 00:05:01,380
who is copping some legal threats over

105
00:05:12,260 --> 00:05:05,780
her activities concerning the movie vax

106
00:05:14,150 --> 00:05:12,270
the andrew wakefield movie that I'm sort

107
00:05:16,310 --> 00:05:14,160
of semi looking forward to seeing at

108
00:05:18,620 --> 00:05:16,320
some stage rather anyway more about that

109
00:05:20,870 --> 00:05:18,630
at the end of the show now during the

110
00:05:22,820 --> 00:05:20,880
week I asked some of my reporters on the

111
00:05:25,340 --> 00:05:22,830
skeptic zone what I should run

112
00:05:28,130 --> 00:05:25,350
downstairs and eat this week and they

113
00:05:33,230 --> 00:05:28,140

said a ham sandwich root beer and hot

114
00:05:35,510 --> 00:05:33,240
dog and a lollipop mm-hmm so now it's

115
00:05:38,270 --> 00:05:35,520
time for me to run downstairs have a ham

116
00:05:40,820 --> 00:05:38,280
sandwich a root beer and a hot dog and a

117
00:06:03,629 --> 00:05:40,830
lollipop while I'm trying to enjoy all

118
00:06:18,879 --> 00:06:07,600
it's the raw skeptic report with Heidi

119
00:06:21,850 --> 00:06:18,889
Robertson hello everyone Heidi Robertson

120
00:06:26,199 --> 00:06:21,860
here coming to you from the lovely

121
00:06:27,969 --> 00:06:26,209
northern rivers in new south wales chef

122
00:06:31,449 --> 00:06:27,979
pete evans has stirred up controversy

123
00:06:34,600 --> 00:06:31,459
yet again this week i was going to

124
00:06:36,579 --> 00:06:34,610
provide a brief background on the pseudo

125
00:06:38,919 --> 00:06:36,589
scientific statements and claims that

126
00:06:40,839 --> 00:06:38,929
pete evans has made in the past but

127
00:06:43,480 --> 00:06:40,849
there is just so much in his background

128
00:06:45,959 --> 00:06:43,490
that fits that criteria that it actually

129
00:06:49,359 --> 00:06:45,969
makes up about half of this report

130
00:06:51,189 --> 00:06:49,369
nevertheless it's important to recap to

131
00:06:55,359 --> 00:06:51,199
get the full picture of what is going on

132
00:06:58,149 --> 00:06:55,369
here so here we go with thanks to my

133
00:07:02,469 --> 00:06:58,159
husband Rob for providing the voice of

134
00:07:05,859 --> 00:07:02,479
Pete Evans Pete Evans is an Australian

135
00:07:10,540 --> 00:07:05,869
chef who promotes a GMO free grain free

136
00:07:12,009 --> 00:07:10,550
dairy free organic Paleo diet he says if

137
00:07:13,929 --> 00:07:12,019
it wouldn't look like food to someone

138
00:07:16,239 --> 00:07:13,939

wandering around 40,000 years ago with

139
00:07:18,549 --> 00:07:16,249
the loincloth and a spear it isn't food

140
00:07:21,149 --> 00:07:18,559
for you or your baby now if in doubt

141
00:07:23,949 --> 00:07:21,159
it's hard to go wrong with mother nature

142
00:07:25,959 --> 00:07:23,959
yep it is hard to go wrong with

143
00:07:28,059 --> 00:07:25,969
earthquakes and tsunamis droughts

144
00:07:30,249 --> 00:07:28,069
tornadoes death adders Eastern brown

145
00:07:32,739 --> 00:07:30,259
snakes tetanus hemlock castor bean

146
00:07:35,169 --> 00:07:32,749
plants and I eating amoeba the

147
00:07:37,329 --> 00:07:35,179
naturalistic fallacy generally neglects

148
00:07:40,379 --> 00:07:37,339
to mention that mother nature does not

149
00:07:43,449 --> 00:07:40,389
always have our best interests at heart

150
00:07:46,119 --> 00:07:43,459
I'm also not sure our ancestors walking

151
00:07:48,309 --> 00:07:46,129
around 40,000 years ago would have come

152
00:07:51,129 --> 00:07:48,319
across Pete's delicious paleo choc

153
00:07:54,549 --> 00:07:51,139
caramel slice on their travels but never

154
00:07:56,609 --> 00:07:54,559
mind about those pesky details Pete is

155
00:07:59,109 --> 00:07:56,619
the author of a number of cookbooks a

156
00:08:01,869 --> 00:07:59,119
self-described motivational speaker and

157
00:08:05,370 --> 00:08:01,879
a television personality having appeared

158
00:08:08,250 --> 00:08:05,380
on several cooking related shows

159
00:08:11,130 --> 00:08:08,260
is an ambassador for the mind foundation

160
00:08:14,430 --> 00:08:11,140
that's mi n double D which has been

161
00:08:17,370 --> 00:08:14,440
endorsed by the Australian vaccination

162
00:08:20,310 --> 00:08:17,380
skeptics network the mind foundation

163
00:08:23,280 --> 00:08:20,320

echoes Pete's claims that diet can treat

164
00:08:26,910 --> 00:08:23,290
and prevent a range of health conditions

165
00:08:31,680 --> 00:08:26,920
including allergies anxiety arthritis

166
00:08:36,180 --> 00:08:31,690
asthma ADHD cancer dementia depression

167
00:08:38,969 --> 00:08:36,190
and more and they advocate chelation for

168
00:08:41,909 --> 00:08:38,979
autistic kids despite the lack of

169
00:08:46,350 --> 00:08:41,919
evidence for its use in autism and it's

170
00:08:48,660 --> 00:08:46,360
potentially fatal consequences last year

171
00:08:52,560 --> 00:08:48,670
Pete lost an ambassadorship with popular

172
00:08:54,300 --> 00:08:52,570
salad chain sumo salad sumo salad said

173
00:08:57,780 --> 00:08:54,310
this had nothing to do with Pete's

174
00:09:00,030 --> 00:08:57,790
co-authored book Bubba yum yum which

175
00:09:02,460 --> 00:09:00,040
included a bone broth substitute for

176
00:09:04,800 --> 00:09:02,470
formula that contained potentially

177
00:09:07,380 --> 00:09:04,810
deadly levels of vitamin A for babies

178
00:09:09,210 --> 00:09:07,390
the publisher pulled out after

179
00:09:11,670 --> 00:09:09,220
widespread criticism by health

180
00:09:14,250 --> 00:09:11,680
professionals which paid subsequently

181
00:09:18,530 --> 00:09:14,260
ignored going ahead with self

182
00:09:21,720 --> 00:09:18,540
publication he's also the winner of the

183
00:09:24,810 --> 00:09:21,730
2015 Australian skeptics bent spoon

184
00:09:26,670 --> 00:09:24,820
award which recognizes the perpetrator

185
00:09:29,540 --> 00:09:26,680
of the most preposterous piece of

186
00:09:32,900 --> 00:09:29,550
paranormal or pseudo scientific piffle

187
00:09:36,000 --> 00:09:32,910
from the Australian skeptics webpage

188
00:09:39,180 --> 00:09:36,010

Iran's a give President of Australian

189
00:09:41,130 --> 00:09:39,190
skeptics Inc said it is not just for his

190
00:09:42,930 --> 00:09:41,140
diet that is a worthy winner even though

191
00:09:45,300 --> 00:09:42,940
it can apparently shrink tumors reduce

192
00:09:47,430 --> 00:09:45,310
diabetes cure autism stop asthma and

193
00:09:48,990 --> 00:09:47,440
reverse chronic fatigue there are

194
00:09:51,780 --> 00:09:49,000
elements of it that are probably useful

195
00:09:54,630 --> 00:09:51,790
although bone broth for babies is a

196
00:09:56,730 --> 00:09:54,640
worry no he has also won the award for

197
00:09:59,100 --> 00:09:56,740
his support of pseudo medicine his stand

198
00:10:01,050 --> 00:09:59,110
against fluoridation and his association

199
00:10:04,280 --> 00:10:01,060
with rabid anti-vaccination is Joseph

200
00:10:07,290 --> 00:10:04,290
Mercola the legend as Evans calls him

201
00:10:10,050 --> 00:10:07,300
pete has also been vocal in his reckons

202
00:10:12,450 --> 00:10:10,060
about the dangers of GMOs and has made

203
00:10:15,290 --> 00:10:12,460
claims that a diet based on current

204
00:10:18,660 --> 00:10:15,300
Australian healthy eating guidelines is

205
00:10:20,700 --> 00:10:18,670
responsible for a rise in autism

206
00:10:23,040 --> 00:10:20,710
you guessed it paleo can help with

207
00:10:26,900 --> 00:10:23,050
autism and just about everything else

208
00:10:30,410 --> 00:10:26,910
that ails you what Pete Evans is not a

209
00:10:32,900 --> 00:10:30,420
dietitian at GP an

210
00:10:35,790 --> 00:10:32,910
obstetrician-gynecologist a pharmacist a

211
00:10:37,560 --> 00:10:35,800
dermatologist or an oncologist which is

212
00:10:40,380 --> 00:10:37,570
important to remember considering the

213
00:10:44,100 --> 00:10:40,390

claims opinions and advice he shares

214
00:10:46,770 --> 00:10:44,110
with his 1.5 million Facebook followers

215
00:10:48,780 --> 00:10:46,780
the only qualification I could find for

216
00:10:51,090 --> 00:10:48,790
him was a health coach with

217
00:10:53,610 --> 00:10:51,100
qualifications gained from New York's

218
00:10:56,250 --> 00:10:53,620
internationally recognized institute of

219
00:10:58,050 --> 00:10:56,260
Integrative Nutrition he has been the

220
00:11:00,870 --> 00:10:58,060
inspiration for the formation of two

221
00:11:03,330 --> 00:11:00,880
facebook pages one called blocked by

222
00:11:05,670 --> 00:11:03,340
Pete Evans and the other band by Pete

223
00:11:08,160 --> 00:11:05,680
Evans with a combined membership of over

224
00:11:09,780 --> 00:11:08,170
10,000 people who've been banned from

225
00:11:12,720 --> 00:11:09,790
his page for calling him out on his

226
00:11:15,060 --> 00:11:12,730
various claims just last week I was

227
00:11:17,840 --> 00:11:15,070
banned from his page after asking if he

228
00:11:20,820 --> 00:11:17,850
was in favor of maternal immunization

229
00:11:22,890 --> 00:11:20,830
there have been others also asking that

230
00:11:25,050 --> 00:11:22,900
he come out in support of vaccination

231
00:11:28,200 --> 00:11:25,060
and they too have been banned without a

232
00:11:30,330 --> 00:11:28,210
response when questioned by the media in

233
00:11:34,050 --> 00:11:30,340
the past on his ban hammer tendencies

234
00:11:35,520 --> 00:11:34,060
peach said my intended to create a page

235
00:11:37,860 --> 00:11:35,530
where people can feel safe to share

236
00:11:39,990 --> 00:11:37,870
their ongoing success stories and not be

237
00:11:41,880 --> 00:11:40,000
confused by outside interests with

238
00:11:44,910 --> 00:11:41,890

commercial ties to multinational food

239
00:11:48,150 --> 00:11:44,920
corporations I'm going to go out on a

240
00:11:51,320 --> 00:11:48,160
limb and put it out there that the over

241
00:11:54,230 --> 00:11:51,330
10,000 people banned probably aren't all

242
00:11:56,820 --> 00:11:54,240
multinational food corporations shells

243
00:11:59,850 --> 00:11:56,830
but I have no evidence to support that

244
00:12:03,450 --> 00:11:59,860
statement I can only speak for myself I

245
00:12:05,720 --> 00:12:03,460
mean as we all know I am no shell for

246
00:12:10,980 --> 00:12:05,730
big food my shilling is reserved

247
00:12:14,160 --> 00:12:10,990
specifically for big vaccine now to his

248
00:12:17,610 --> 00:12:14,170
latest advice on facebook to his 1.5

249
00:12:19,410 --> 00:12:17,620
million followers from last week this is

250
00:12:23,490 --> 00:12:19,420
his response to someone who asked him

251
00:12:25,680 --> 00:12:23,500
what kind of sunscreen he uses the silly

252
00:12:28,050 --> 00:12:25,690
thing is people put on normal chemical

253
00:12:30,000 --> 00:12:28,060
sunscreen then lad and the Sun for hours

254
00:12:31,049 --> 00:12:30,010
on end and then think they are safe

255
00:12:33,599 --> 00:12:31,059
because they've covered

256
00:12:35,909 --> 00:12:33,609
cells in poisonous chemicals which is a

257
00:12:38,729 --> 00:12:35,919
recipe for disaster as we are witnessing

258
00:12:40,979 --> 00:12:38,739
these days we need to respect the Sun

259
00:12:43,129 --> 00:12:40,989
but not hide from it either as it is so

260
00:12:46,979 --> 00:12:43,139
beneficial for us but use common sense

261
00:12:49,049 --> 00:12:46,989
the door is always never burn yourself

262
00:12:50,849 --> 00:12:49,059
yes of course it's silly to put

263
00:12:52,679 --> 00:12:50,859

sunscreen on and then think you are

264
00:12:55,499 --> 00:12:52,689
totally protected if you lie in the Sun

265
00:12:58,079 --> 00:12:55,509
for hours yes we should respect the Sun

266
00:13:01,109 --> 00:12:58,089
it is beneficial for us and no of course

267
00:13:03,119 --> 00:13:01,119
we should not burn however you'll note

268
00:13:06,089 --> 00:13:03,129
the inflammatory description of people

269
00:13:09,599 --> 00:13:06,099
quote covering themselves in poisonous

270
00:13:12,479 --> 00:13:09,609
chemicals end quote so what does Pete do

271
00:13:15,449 --> 00:13:12,489
he's a keen surfer and spends quite a

272
00:13:17,939 --> 00:13:15,459
bit of time out in the Sun well he

273
00:13:20,879 --> 00:13:17,949
replied that he generally does not use

274
00:13:23,969 --> 00:13:20,889
any sun protection as he keeps a

275
00:13:27,839 --> 00:13:23,979
year-round tan and doesn't stay out for

276
00:13:30,359 --> 00:13:27,849
super long periods in the Sun he says

277
00:13:32,579 --> 00:13:30,369
when he is in the Sun for longer periods

278
00:13:36,349 --> 00:13:32,589
of time he uses a product called surf

279
00:13:40,049 --> 00:13:36,359
mud which is not registered with the TTA

280
00:13:43,799 --> 00:13:40,059
so is it correct that a tan protects you

281
00:13:47,099 --> 00:13:43,809
from sun damage as Pete suggests well

282
00:13:50,269 --> 00:13:47,109
according to oncologist Ian over who was

283
00:13:54,179 --> 00:13:50,279
quoted in an article on ABC today you

284
00:13:57,179 --> 00:13:54,189
quote in most cases no a tan can offer

285
00:14:00,299 --> 00:13:57,189
very limited protection but no more than

286
00:14:03,119 --> 00:14:00,309
SPF for the lowest sunscreen rating

287
00:14:06,119 --> 00:14:03,129
depending on your skin type a tan does

288
00:14:10,229 --> 00:14:06,129

not protect from DNA damage which can

289
00:14:12,239 --> 00:14:10,239
lead to skin cancer and quote pete has

290
00:14:15,299 --> 00:14:12,249
also repeatedly said that we have an

291
00:14:18,599 --> 00:14:15,309
epidemic of vitamin d deficiency in

292
00:14:21,719 --> 00:14:18,609
australia which dr. Alver also says is a

293
00:14:24,749 --> 00:14:21,729
myth dr. Oliver says that people who do

294
00:14:27,419 --> 00:14:24,759
cover up and use sunscreen will in most

295
00:14:30,449 --> 00:14:27,429
cases still get enough incidental

296
00:14:32,489 --> 00:14:30,459
sunlight for good health and what if

297
00:14:35,819 --> 00:14:32,499
Pete's comments about the poisonous

298
00:14:38,099 --> 00:14:35,829
chemicals in our sunscreens Evans wasn't

299
00:14:41,069 --> 00:14:38,109
specific about which chemicals he was

300
00:14:43,259 --> 00:14:41,079
concerned about but as the ABC article

301
00:14:44,400 --> 00:14:43,269
state some people are concerned about

302
00:14:46,680 --> 00:14:44,410
the use of nano

303
00:14:49,470 --> 00:14:46,690
articles in sunscreen which have been

304
00:14:53,059 --> 00:14:49,480
used in sunscreens in australia since

305
00:14:55,439 --> 00:14:53,069
the 1990s these people believe that the

306
00:14:58,470 --> 00:14:55,449
nanoparticles penetrate the skin and

307
00:15:01,800 --> 00:14:58,480
have a toxic effect one commenter on

308
00:15:04,499 --> 00:15:01,810
Petes facebook posts wrongly claimed it

309
00:15:06,619 --> 00:15:04,509
takes 20 seconds for sunscreen once

310
00:15:09,569 --> 00:15:06,629
applied to enter your bloodstream

311
00:15:11,490 --> 00:15:09,579
surprise surprise that commenter when I

312
00:15:14,429 --> 00:15:11,500
gave him some evidence to prove

313
00:15:16,259 --> 00:15:14,439

otherwise revealed that he sold a range

314
00:15:19,379 --> 00:15:16,269
of products including a non-toxic

315
00:15:21,869 --> 00:15:19,389
sunscreen Pete doesn't seem to mind his

316
00:15:25,650 --> 00:15:21,879
fans shilling all over his page as long

317
00:15:28,290 --> 00:15:25,660
as they are agreeing with him in 2013

318
00:15:30,569 --> 00:15:28,300
the TGA which regulates sunscreens sold

319
00:15:32,960 --> 00:15:30,579
in Australia conducted a literature

320
00:15:35,790 --> 00:15:32,970
review and came to the conclusion that

321
00:15:38,879 --> 00:15:35,800
nano-sized titanium dioxide and zinc

322
00:15:41,639 --> 00:15:38,889
oxide particles do not penetrate the

323
00:15:44,400 --> 00:15:41,649
underlying layers of skin and that on

324
00:15:46,889 --> 00:15:44,410
current evidence neither are likely to

325
00:15:49,110 --> 00:15:46,899
cause harm when used as ingredients in

326
00:15:51,509 --> 00:15:49,120
sunscreens the Cancer Council of

327
00:15:53,850 --> 00:15:51,519
Australia agrees with the assessment but

328
00:15:56,910 --> 00:15:53,860
says it will continue to monitor new

329
00:15:58,829 --> 00:15:56,920
studies after his sunscreen comments

330
00:16:01,800 --> 00:15:58,839
Pete was asked to appear on a couple of

331
00:16:05,519 --> 00:16:01,810
radio stations where he defended his

332
00:16:07,980 --> 00:16:05,529
comments dr. Brad Mackay rang in to one

333
00:16:11,999 --> 00:16:07,990
of these shows to speak some sense but

334
00:16:14,040 --> 00:16:12,009
paleo Pete doubled down well we've had a

335
00:16:15,840 --> 00:16:14,050
fine cool paid from dr. Brad Mackay he's

336
00:16:17,160 --> 00:16:15,850
giving us a call but Dad you our doc do

337
00:16:20,939 --> 00:16:17,170
you want to getting involved with this

338
00:16:23,610 --> 00:16:20,949

oh yeah sure does a thing to what people

339
00:16:26,220 --> 00:16:23,620
saying and um yeah but a few a few

340
00:16:27,860 --> 00:16:26,230
issues of the yeah 11 is that we we

341
00:16:30,240 --> 00:16:27,870
don't have any evidence that the

342
00:16:32,790 --> 00:16:30,250
sunscreens that we use are actually

343
00:16:34,889 --> 00:16:32,800
toxic and I I think calling it like

344
00:16:38,340 --> 00:16:34,899
poisonous chemicals isn't really doing

345
00:16:40,860 --> 00:16:38,350
it justice also the the sunscreen that

346
00:16:43,829 --> 00:16:40,870
um that he was that we're talking about

347
00:16:45,990 --> 00:16:43,839
online and actually TJ approved so

348
00:16:47,730 --> 00:16:46,000
there's no actual indication that it

349
00:16:49,590 --> 00:16:47,740
works and even the website says that we

350
00:16:52,650 --> 00:16:49,600
can't guarantee that this is protective

351
00:16:54,090 --> 00:16:52,660
against getting skin cancer so there are

352
00:16:56,879 --> 00:16:54,100
some reasons here we do have a lot of

353
00:16:58,199 --> 00:16:56,889
safety like checks and balances and we

354
00:17:00,600 --> 00:16:58,209
make sure that sunscreen

355
00:17:02,549 --> 00:17:00,610
as work effectively and yeah New Zealand

356
00:17:04,289 --> 00:17:02,559
and Australia do compete for the the

357
00:17:06,539 --> 00:17:04,299
countries that have the worst rates of

358
00:17:08,279 --> 00:17:06,549
melanoma and non-melanoma skin chances

359
00:17:11,069 --> 00:17:08,289
so we need to be encouraging people to

360
00:17:12,539 --> 00:17:11,079
use therapies that actually work and do

361
00:17:14,819 --> 00:17:12,549
protect them from getting skin cancer

362
00:17:16,949 --> 00:17:14,829
I'm a little bit sticker above cutting

363
00:17:19,740 --> 00:17:16,959

skin cancers out for people's heads and

364
00:17:22,409 --> 00:17:19,750
ears and backs so it is a big big issue

365
00:17:24,659 --> 00:17:22,419
in Australia yeah i think all cancers

366
00:17:27,149 --> 00:17:24,669
and skin cancers especially our acute

367
00:17:29,970 --> 00:17:27,159
issue for us and and what I'm saying as

368
00:17:32,490 --> 00:17:29,980
well is we need to respect the Sun you

369
00:17:34,710 --> 00:17:32,500
know as studies show we should not go

370
00:17:37,320 --> 00:17:34,720
out there and turn ourselves yes oh

371
00:17:39,659 --> 00:17:37,330
Jesus sort of it and all these sort of

372
00:17:41,130 --> 00:17:39,669
thing it's just like how many beers can

373
00:17:42,539 --> 00:17:41,140
you have on a Friday night have to sort

374
00:17:45,389 --> 00:17:42,549
of it out told should get out of it

375
00:17:47,880 --> 00:17:45,399
people will actually turn around the

376
00:17:50,549 --> 00:17:47,890
rates of melanoma as well in Australia

377
00:17:52,139 --> 00:17:50,559
the rate of skin cancer are actually

378
00:17:53,730 --> 00:17:52,149
coming down when it comes to melanoma

379
00:17:55,980 --> 00:17:53,740
and that's because we're putting out

380
00:17:58,889 --> 00:17:55,990
good information and educating people to

381
00:18:00,510 --> 00:17:58,899
use sunscreen when they're outside don't

382
00:18:01,830 --> 00:18:00,520
you believe son's friends the l.e.s what

383
00:18:04,289 --> 00:18:01,840
do you think you can respect the Sun and

384
00:18:06,779 --> 00:18:04,299
get a healthy dose of vitamin D from the

385
00:18:08,700 --> 00:18:06,789
Sun which as you as a doctor you'd know

386
00:18:11,220 --> 00:18:08,710
that we're vitamin D deficient as a

387
00:18:14,130 --> 00:18:11,230
population so do you believe that we can

388
00:18:16,740 --> 00:18:14,140

have a healthy relationship with the

389
00:18:20,399 --> 00:18:16,750
star controller and we leave that they

390
00:18:22,289 --> 00:18:20,409
we need to respect the Sun yes and yeah

391
00:18:24,180 --> 00:18:22,299
we do recommend for people to go out

392
00:18:26,010 --> 00:18:24,190
early in the morning or late in the

393
00:18:27,960 --> 00:18:26,020
afternoon and and if they're not wearing

394
00:18:30,810 --> 00:18:27,970
sunscreen for four five or ten minutes

395
00:18:32,820 --> 00:18:30,820
then that's fine when it's and summer

396
00:18:34,289 --> 00:18:32,830
but yeah if you're out for a while or

397
00:18:36,630 --> 00:18:34,299
even if you're doing the shopping on an

398
00:18:38,460 --> 00:18:36,640
overcast day then yeah you can still be

399
00:18:40,860 --> 00:18:38,470
incredibly burnt and I think you're very

400
00:18:43,919 --> 00:18:40,870
fortunately you've got a good sort of an

401
00:18:46,409 --> 00:18:43,929
skin tanning situation there a lot of

402
00:18:49,799 --> 00:18:46,419
people don't have that luxury or fear in

403
00:18:52,320 --> 00:18:49,809
Australia oh we can't go cross right

404
00:18:54,090 --> 00:18:52,330
cross reward and recommend what what

405
00:18:57,180 --> 00:18:54,100
you'll do what you're saying is right

406
00:18:58,560 --> 00:18:57,190
for you that fine but yeah there are a

407
00:19:02,730 --> 00:18:58,570
lot of people that don't have the same

408
00:19:06,269 --> 00:19:02,740
skin coloring on July the 13th 2016

409
00:19:08,519 --> 00:19:06,279
rebel Wiley from the website kidspot had

410
00:19:11,760 --> 00:19:08,529
an article published about Pete's latest

411
00:19:14,580 --> 00:19:11,770
comments I'll read some out here

412
00:19:18,240 --> 00:19:14,590
it's titled Pete Evans is at it again

413
00:19:20,760 --> 00:19:18,250

now he's a maternal health expert quote

414
00:19:23,370 --> 00:19:20,770
it's been a big week for paleo Pete

415
00:19:25,830 --> 00:19:23,380
first the celebrity chef took on the

416
00:19:28,260 --> 00:19:25,840
burning ozzy son with his claims that

417
00:19:31,560 --> 00:19:28,270
sunscreen was not only unnecessary but

418
00:19:33,480 --> 00:19:31,570
in fact dangerous claims which saw him

419
00:19:35,970 --> 00:19:33,490
severely reprimanded by both the

420
00:19:39,980 --> 00:19:35,980
Australian Medical Association and the

421
00:19:43,500 --> 00:19:39,990
Cancer Council amongst others end quote

422
00:19:46,500 --> 00:19:43,510
there was widespread backlash on Twitter

423
00:19:48,840 --> 00:19:46,510
and Facebook for his comments with one

424
00:19:51,540 --> 00:19:48,850
other Facebook page the melanoma man

425
00:19:53,550 --> 00:19:51,550
asking people to please post photos of

426
00:19:57,060 --> 00:19:53,560
their melanoma scars in response to

427
00:20:00,000 --> 00:19:57,070
Pete's irresponsible comments meanwhile

428
00:20:02,550 --> 00:20:00,010
satire page the shovel published an

429
00:20:05,550 --> 00:20:02,560
article titled Pete Evans launches new

430
00:20:09,390 --> 00:20:05,560
cookbook 100 simple conspiracy theories

431
00:20:12,300 --> 00:20:09,400
you can create at home quote featuring

432
00:20:14,990 --> 00:20:12,310
age old classics like cavemen were the

433
00:20:17,820 --> 00:20:15,000
undisputed experts on nutrition and

434
00:20:20,400 --> 00:20:17,830
grains are scary the book also

435
00:20:22,800 --> 00:20:20,410
introduces some great new conspiracies

436
00:20:25,440 --> 00:20:22,810
that can feed the whole family the

437
00:20:27,600 --> 00:20:25,450
delicious wearing sunscreen is bad for

438
00:20:29,790 --> 00:20:27,610

you theory for example can be quickly

439
00:20:33,030 --> 00:20:29,800
thrown together with hardly any thought

440
00:20:35,340 --> 00:20:33,040
at all Evan said the recipes used common

441
00:20:37,650 --> 00:20:35,350
ingredients that most of his fans would

442
00:20:39,510 --> 00:20:37,660
have on hand at home you won't need any

443
00:20:43,710 --> 00:20:39,520
messy science or hard to find evidence

444
00:20:45,810 --> 00:20:43,720
just toxin-free pure bull he said end

445
00:20:49,200 --> 00:20:45,820
quote so what of his comments on

446
00:20:52,110 --> 00:20:49,210
veganism for pregnant mums Pete's advice

447
00:20:54,900 --> 00:20:52,120
here is that firstly meat is needed now

448
00:20:56,970 --> 00:20:54,910
he may be right that for some vegetarian

449
00:20:59,400 --> 00:20:56,980
or vegan women they would benefit from

450
00:21:02,520 --> 00:20:59,410
eating meat whilst planning and perhaps

451
00:21:05,400 --> 00:21:02,530
during pregnancy dieticians recommend

452
00:21:07,530 --> 00:21:05,410
that if a mum-to-be is vegetarian or

453
00:21:10,140 --> 00:21:07,540
vegan and wishes to remain so during

454
00:21:12,600 --> 00:21:10,150
pregnancy that she be closely monitored

455
00:21:14,910 --> 00:21:12,610
it is certainly doable for many women

456
00:21:18,540 --> 00:21:14,920
but should be done in consultation with

457
00:21:21,360 --> 00:21:18,550
their doctor and or dietitian in other

458
00:21:23,220 --> 00:21:21,370
words it depends on the woman it depends

459
00:21:24,950 --> 00:21:23,230
on her existing history and diet

460
00:21:27,440 --> 00:21:24,960
existing medical candy

461
00:21:30,740 --> 00:21:27,450
any nutritional deficiencies she

462
00:21:32,990 --> 00:21:30,750
currently has and so on it's not fresh

463
00:21:37,549 --> 00:21:33,000

EFT to make such a sweeping statement on

464
00:21:39,680 --> 00:21:37,559
the maternal needs of all women perhaps

465
00:21:42,610 --> 00:21:39,690
more troubling is Pete's strong

466
00:21:45,980 --> 00:21:42,620
inference that prenatal supplements are

467
00:21:49,580 --> 00:21:45,990
unnecessary from the same Facebook post

468
00:21:51,590 --> 00:21:49,590
of his what about prenatal vitamins you

469
00:21:54,320 --> 00:21:51,600
probably don't want to get me started on

470
00:21:57,440 --> 00:21:54,330
this one followed by him getting started

471
00:22:00,139 --> 00:21:57,450
on that one in short filled with

472
00:22:02,919 --> 00:22:00,149
synthetic and inorganic compromising if

473
00:22:05,419 --> 00:22:02,929
not toxic elements and chemicals

474
00:22:08,180 --> 00:22:05,429
anything but something geared towards

475
00:22:11,480 --> 00:22:08,190
healthy women or babies why not get

476
00:22:16,190 --> 00:22:11,490
yourself prenatal formula from real food

477
00:22:19,340 --> 00:22:16,200
instead why not indeed well seeing as

478
00:22:21,919 --> 00:22:19,350
adequate folate intake helps to prevent

479
00:22:25,370 --> 00:22:21,929
birth defects in the baby such as spina

480
00:22:28,549 --> 00:22:25,380
bifida this recommendation by Pete might

481
00:22:32,560 --> 00:22:28,559
benefit from a second opinion by a

482
00:22:35,990 --> 00:22:32,570
doctor more from the kids spot article

483
00:22:39,409 --> 00:22:36,000
quote on the subject of maternal health

484
00:22:42,019 --> 00:22:39,419
for which pete has no qualifications he

485
00:22:46,299 --> 00:22:42,029
offered up a diatribe where the expert

486
00:22:49,159 --> 00:22:46,309
opinion he mostly refers to is himself

487
00:22:50,990 --> 00:22:49,169
every so often the question comes along

488
00:22:52,990 --> 00:22:51,000

as to whether it's okay to be paleo

489
00:22:55,730 --> 00:22:53,000
during pregnancy and breastfeeding of

490
00:22:57,680 --> 00:22:55,740
course one obvious answer to that

491
00:23:00,350 --> 00:22:57,690
question is the fact that humans ate a

492
00:23:02,720 --> 00:23:00,360
diet based on principles not dissimilar

493
00:23:07,430 --> 00:23:02,730
to what the paleo way 10 week and

494
00:23:09,500 --> 00:23:07,440
maintenance program is promoting and if

495
00:23:11,810 --> 00:23:09,510
you have any trepidation about vitamin A

496
00:23:13,970 --> 00:23:11,820
toxicity I recommend that you carefully

497
00:23:18,380 --> 00:23:13,980
read my extended and world reference

498
00:23:20,000 --> 00:23:18,390
report on the subject oh and I am

499
00:23:23,269 --> 00:23:20,010
currently recommending that pregnant

500
00:23:26,120 --> 00:23:23,279
women stick to wild caught fish from

501
00:23:28,760 --> 00:23:26,130
either cleaner nautic waters inland

502
00:23:30,649 --> 00:23:28,770
landlocked lakes and streams or more

503
00:23:33,169 --> 00:23:30,659
pristine sources from the southern

504
00:23:34,879 --> 00:23:33,179
hemisphere then there is read is here

505
00:23:38,810 --> 00:23:34,889
may want to refer back to the article I

506
00:23:40,669 --> 00:23:38,820
wrote about autoimmunity and oh

507
00:23:43,879 --> 00:23:40,679
discuss this subject in great depth in

508
00:23:46,700 --> 00:23:43,889
my book primal body prime or mind and

509
00:23:49,639 --> 00:23:46,710
this what I suggest is that you go and

510
00:23:52,690 --> 00:23:49,649
read / reread the article I wrote for

511
00:23:56,360 --> 00:23:52,700
the Paleo way members site on

512
00:23:57,560 --> 00:23:56,370
supplementation oh hang on here is one

513
00:24:01,100 --> 00:23:57,570

recommendation to seek professional

514
00:24:03,259 --> 00:24:01,110
advice since there is literally a zero

515
00:24:06,169 --> 00:24:03,269
human dietary requirement for grains

516
00:24:10,700 --> 00:24:06,179
legumes dairy products sugar or starch

517
00:24:14,389 --> 00:24:10,710
of any kind a grain free / dairy free /

518
00:24:17,210 --> 00:24:14,399
low sugar / starch diet during pregnancy

519
00:24:20,869 --> 00:24:17,220
is not inherently at all problematic in

520
00:24:23,299 --> 00:24:20,879
fact it can be highly beneficial I would

521
00:24:25,070 --> 00:24:23,309
however work closely with qualified

522
00:24:27,230 --> 00:24:25,080
healthcare provider to make a more

523
00:24:29,539 --> 00:24:27,240
gradual step towards any changes you're

524
00:24:32,899 --> 00:24:29,549
making if you happen to be pregnant

525
00:24:36,919 --> 00:24:32,909
white as you were he qualified it with

526
00:24:39,860 --> 00:24:36,929
this but the dietary recommendations we

527
00:24:41,749 --> 00:24:39,870
offer ultimately the healthiest approach

528
00:24:44,600 --> 00:24:41,759
you could possibly take for yourself and

529
00:24:47,930 --> 00:24:44,610
your baby so it probably doesn't count

530
00:24:50,269 --> 00:24:47,940
but there was this one too wrapped up in

531
00:24:53,419 --> 00:24:50,279
his own recommendations but still for

532
00:24:58,039 --> 00:24:53,429
those having hypoglycemia / reactive

533
00:25:01,430 --> 00:24:58,049
hypoglycemia supplemental l lu glutamine

534
00:25:03,590 --> 00:25:01,440
powder may be helpful towards minimizing

535
00:25:06,649 --> 00:25:03,600
lower blood sugar symptoms during this

536
00:25:10,240 --> 00:25:06,659
time while transitioning to a more even

537
00:25:12,860 --> 00:25:10,250
burning and reliable fat bass metabolism

538
00:25:14,690 --> 00:25:12,870

please consult with your trusted health

539
00:25:21,129 --> 00:25:14,700
care provider to be sure this is right

540
00:25:24,799 --> 00:25:21,139
for you 3864 words in that facebook post

541
00:25:27,639 --> 00:25:24,809
six referrals back to himself a chef as

542
00:25:30,710 --> 00:25:27,649
an authority on pregnancy health and

543
00:25:32,960 --> 00:25:30,720
only two recommendations to seek

544
00:25:35,379 --> 00:25:32,970
professional medical opinion which he

545
00:25:39,740 --> 00:25:35,389
qualifies both times with his own

546
00:25:41,960 --> 00:25:39,750
recommendations and quote so there you

547
00:25:45,980 --> 00:25:41,970
have it Pete's opinions and

548
00:25:48,560 --> 00:25:45,990
recommendations thus far his food looks

549
00:25:50,629 --> 00:25:48,570
absolutely delicious and I'd be happy to

550
00:25:51,750 --> 00:25:50,639
follow his advice on how best to cook a

551
00:25:53,310 --> 00:25:51,760
steak

552
00:25:56,010 --> 00:25:53,320
what I wouldn't be happy to do

553
00:25:59,300 --> 00:25:56,020
personally is to take his advice on GMOs

554
00:26:02,400 --> 00:25:59,310
water fluoridation pregnancy vitamins

555
00:26:05,640 --> 00:26:02,410
sunscreen or anything else that actually

556
00:26:07,590 --> 00:26:05,650
matters this has been hiding rubber tson

557
00:26:10,940 --> 00:26:07,600
from the Northern Rivers vaccination

558
00:26:15,270 --> 00:26:10,950
supporters you can find us on twitter at

559
00:26:19,350 --> 00:26:15,280
NR vax supporters that's the ax or on

560
00:26:22,310 --> 00:26:19,360
Facebook and you can say hi to me at my

561
00:26:25,650 --> 00:26:22,320
personal Twitter account at Heidi howdy

562
00:26:29,310 --> 00:26:25,660
till next time i'm off to slip slop slap

563
00:26:31,980 --> 00:26:29,320

with my cancer councils sunscreen go for

564
00:26:48,420 --> 00:26:31,990
a walk in the sun and then rehydrate

565
00:26:51,630 --> 00:26:48,430
with fluoridated water Australian

566
00:26:54,330 --> 00:26:51,640
skeptics National Convention 2016 will

567
00:26:57,240 --> 00:26:54,340
be hosted in Melbourne at the university

568
00:26:59,790 --> 00:26:57,250
of melbourne from the 25th to the 27th

569
00:27:01,980 --> 00:26:59,800
of november with the annual dinner being

570
00:27:06,360 --> 00:27:01,990
held at melbourne zoo on the evening of

571
00:27:09,150 --> 00:27:06,370
the 26th of November early bird ticket

572
00:27:13,080 --> 00:27:09,160
sales are online at the convention

573
00:27:15,570 --> 00:27:13,090
website convention dot skeptics comdata

574
00:27:18,000 --> 00:27:15,580
you and if you get an early bird ticket

575
00:27:22,290 --> 00:27:18,010
you'll receive a discount and be able to

576
00:27:23,850 --> 00:27:22,300
reserve seats close to the stage we can

577
00:27:26,790 --> 00:27:23,860
confirm that speakers for the convention

578
00:27:30,000 --> 00:27:26,800
will include Lawrence Krauss Ed's odd

579
00:27:33,600 --> 00:27:30,010
Ernst Harriet hall Michael Marshall

580
00:27:37,430 --> 00:27:33,610
Katie Mac and Mel Thompson with many

581
00:27:40,469 --> 00:27:37,440
more great speakers to be announced soon

582
00:27:43,169 --> 00:27:40,479
nicholas j johnson is our MC for the

583
00:27:45,149 --> 00:27:43,179
annual dinner information about our

584
00:27:47,969 --> 00:27:45,159
speakers is available from the

585
00:28:13,430 --> 00:27:47,979
convention website so that's convention

586
00:28:19,520 --> 00:28:16,380
homeopathic vaccination once again we

587
00:28:23,100 --> 00:28:19,530
report on this concentrated nonsense

588
00:28:28,190 --> 00:28:23,110

which is homeopathy and in its most

589
00:28:30,720 --> 00:28:28,200
dangerous form which is fake vaccination

590
00:28:33,060 --> 00:28:30,730
what's the harm in homeopathy what

591
00:28:35,940 --> 00:28:33,070
possible harm could percy bow sugar

592
00:28:39,030 --> 00:28:35,950
pills do this report has just come to

593
00:28:42,540 --> 00:28:39,040
light from the courier-mail dated the

594
00:28:46,320 --> 00:28:42,550
23rd of july twenty sixteen by Rose

595
00:28:49,110 --> 00:28:46,330
Brennan Brisbane homeopath Sienna karuna

596
00:28:53,460 --> 00:28:49,120
selling vaccinations and boosters made

597
00:28:55,350 --> 00:28:53,470
from refined sugar as an aside I thought

598
00:28:58,590 --> 00:28:55,360
that was the whole idea of homeopathy

599
00:29:01,470 --> 00:28:58,600
but it's good that the media are

600
00:29:03,870 --> 00:29:01,480
catching on we read on a Brisbane woman

601
00:29:06,120 --> 00:29:03,880
selling homeopathic vaccinations or

602
00:29:09,390 --> 00:29:06,130
boosters for diseases including whooping

603
00:29:11,940 --> 00:29:09,400
cough polio meningococcal and malaria

604
00:29:15,900 --> 00:29:11,950
has been found to be selling nothing but

605
00:29:18,570 --> 00:29:15,910
refined sugar homeopath Sienna karuna

606
00:29:20,760 --> 00:29:18,580
markets her quote homeopathic medicines

607
00:29:23,850 --> 00:29:20,770
end quote on Facebook and online and

608
00:29:26,160 --> 00:29:23,860
sells them as a vaccination alternatives

609
00:29:29,220 --> 00:29:26,170
for overseas travelers adults children

610
00:29:30,930 --> 00:29:29,230
and even newborn babies for serious

611
00:29:34,620 --> 00:29:30,940
diseases such as whooping cough and

612
00:29:37,140 --> 00:29:34,630
measles the courier-mail obtained ms

613
00:29:40,230 --> 00:29:37,150

coronas vaccination and booster pill use

614
00:29:43,410 --> 00:29:40,240
for adults traveling to morocco egypt

615
00:29:46,740 --> 00:29:43,420
and europe from her homeopathy at home

616
00:29:48,600 --> 00:29:46,750
business expert pharmacist at Queensland

617
00:29:52,020 --> 00:29:48,610
University of Technology tested them

618
00:29:54,540 --> 00:29:52,030
revealing them to be sugar health

619
00:29:58,380 --> 00:29:54,550
professionals have slammed her as

620
00:30:00,750 --> 00:29:58,390
grossly misleading and dangerous this

621
00:30:02,910 --> 00:30:00,760
wig a post on the facebook page claimed

622
00:30:06,270 --> 00:30:02,920
to have sold quote homeopathic

623
00:30:09,510 --> 00:30:06,280
prophylaxis medicines men quote for Zika

624
00:30:12,210 --> 00:30:09,520
virus to a man in Melbourne who was to

625
00:30:14,910 --> 00:30:12,220
travel to Southeast Asia there is no

626
00:30:18,540 --> 00:30:14,920
reputable treatment for Zika on the

627
00:30:22,170 --> 00:30:18,550
market and another comment here I'm not

628
00:30:24,420 --> 00:30:22,180
surprised many homeopaths are of the

629
00:30:27,450 --> 00:30:24,430
opinion of course that all these things

630
00:30:32,380 --> 00:30:27,460
work so why wouldn't they

631
00:30:34,870 --> 00:30:32,390
describe their homeopathic concoctions

632
00:30:38,140 --> 00:30:34,880
for Indian all diseases they think they

633
00:30:40,480 --> 00:30:38,150
work we read on the business has

634
00:30:43,180 --> 00:30:40,490
advertised on Facebook treatments for

635
00:30:45,280 --> 00:30:43,190
herpes and preventive medications for

636
00:30:47,820 --> 00:30:45,290
whooping cough in pregnant women and

637
00:30:49,840 --> 00:30:47,830
whooping cough and rotavirus for babies

638
00:30:52,300 --> 00:30:49,850

Australian Medical Association of

639
00:30:55,120 --> 00:30:52,310
Queensland president dr. Chris Zappala

640
00:30:57,130 --> 00:30:55,130
slammed the sale of sugar products and

641
00:31:00,100 --> 00:30:57,140
called for an investigation by the

642
00:31:02,500 --> 00:31:00,110
Health Ombudsman quote I actually think

643
00:31:04,780 --> 00:31:02,510
this is so unconscionable if it's done

644
00:31:07,720 --> 00:31:04,790
knowingly then that is tragic in the

645
00:31:10,180 --> 00:31:07,730
extreme end quote dr. Zappala said quote

646
00:31:12,010 --> 00:31:10,190
if it's done unknowingly than the

647
00:31:14,110 --> 00:31:12,020
ignorance and lack of care about the

648
00:31:16,420 --> 00:31:14,120
quality that you're providing to your

649
00:31:18,040 --> 00:31:16,430
patients is equally concerning and I

650
00:31:20,860 --> 00:31:18,050
would have thought this should go before

651
00:31:23,530 --> 00:31:20,870
the health ombudsman not only is this

652
00:31:26,740 --> 00:31:23,540
dangerous and factually incorrect but

653
00:31:29,470 --> 00:31:26,750
it's a money ripoff it is crazy and it

654
00:31:32,080 --> 00:31:29,480
is very dangerous unquote here's another

655
00:31:34,030 --> 00:31:32,090
aside we totally agree The Skeptical

656
00:31:36,610 --> 00:31:34,040
outlook has always agreed with that

657
00:31:39,610 --> 00:31:36,620
previous statement and this could

658
00:31:43,090 --> 00:31:39,620
possibly open a huge can of homeopathic

659
00:31:44,560 --> 00:31:43,100
worms as either people are selling sugar

660
00:31:49,570 --> 00:31:44,570
pills knowing they don't do anything

661
00:31:52,740 --> 00:31:49,580
which is very wrong and dangerous or

662
00:31:54,700 --> 00:31:52,750
they're simply ignorant as to reality

663
00:31:56,230 --> 00:31:54,710

the products obtained by the

664
00:31:58,360 --> 00:31:56,240
courier-mail cost more than two hundred

665
00:31:59,950 --> 00:31:58,370
and fifty dollars and were labeled for

666
00:32:01,660 --> 00:31:59,960
the diseases they claim to afford

667
00:32:04,720 --> 00:32:01,670
protection against including whooping

668
00:32:07,120 --> 00:32:04,730
cough polio meningococcal and malaria

669
00:32:10,960 --> 00:32:07,130
the paperwork acknowledges the quote

670
00:32:13,720 --> 00:32:10,970
pill use quote are made of sucrose but

671
00:32:16,450 --> 00:32:13,730
says they've been quote medicated with

672
00:32:18,400 --> 00:32:16,460
medical grade homeopathic medicines end

673
00:32:21,460 --> 00:32:18,410
quote source from a Melbourne laboratory

674
00:32:23,530 --> 00:32:21,470
prepared by a nurse karuna cuties head

675
00:32:26,050 --> 00:32:23,540
of clinical Sciences professor Lisa

676
00:32:27,880 --> 00:32:26,060
neason said in light of their findings

677
00:32:31,840 --> 00:32:27,890
the matter will be referred to the

678
00:32:34,540 --> 00:32:31,850
Therapeutic Goods Administration quote

679
00:32:36,850 --> 00:32:34,550
it's dangerous for punters out there who

680
00:32:39,550 --> 00:32:36,860
don't know any better and a vulnerable

681
00:32:40,330 --> 00:32:39,560
they are people swayed by pseudoscience

682
00:32:46,180 --> 00:32:40,340
and

683
00:32:49,360 --> 00:32:46,190
Neeson said a report by Miss Neeson's

684
00:32:51,909 --> 00:32:49,370
colleague dr. s to allow concluded quote

685
00:32:53,860 --> 00:32:51,919
from these preliminary results there is

686
00:32:56,830 --> 00:32:53,870
nothing to suggest the vaccines are

687
00:32:59,799 --> 00:32:56,840
different from sucrose these vaccines

688
00:33:01,990 --> 00:32:59,809

would be useless and guarding against

689
00:33:04,870 --> 00:33:02,000
the diseases on the labels and there is

690
00:33:07,090 --> 00:33:04,880
no biologically plausible explanation as

691
00:33:09,610 --> 00:33:07,100
to how these vaccinations could possibly

692
00:33:11,200 --> 00:33:09,620
work it is frightening to think that

693
00:33:14,560 --> 00:33:11,210
these products are on the market and

694
00:33:17,110 --> 00:33:14,570
that they are being sold as vaccines and

695
00:33:19,930 --> 00:33:17,120
quote the report said Health Minister

696
00:33:22,450 --> 00:33:19,940
Cameron dick slammed the practice as

697
00:33:24,460 --> 00:33:22,460
endangering lives and stress that quote

698
00:33:26,980 --> 00:33:24,470
there are no alternatives to vaccines

699
00:33:28,480 --> 00:33:26,990
end quote quote vaccination is a

700
00:33:30,820 --> 00:33:28,490
critically important public health

701
00:33:33,789 --> 00:33:30,830
strategy which protects children from

702
00:33:35,409 --> 00:33:33,799
potentially deadly diseases but it is

703
00:33:37,870 --> 00:33:35,419
only safe and effective when

704
00:33:40,299 --> 00:33:37,880
conventional vaccines are used them

705
00:33:42,669 --> 00:33:40,309
quote he said quote there are no

706
00:33:44,950 --> 00:33:42,679
alternatives to vaccines and we don't

707
00:33:47,680 --> 00:33:44,960
need them because we know vaccines work

708
00:33:49,779 --> 00:33:47,690
anyone offering these alternative

709
00:33:52,360 --> 00:33:49,789
products is not only deceiving the

710
00:33:54,880 --> 00:33:52,370
community they are endangering lives end

711
00:33:57,669 --> 00:33:54,890
quote mr. Dixit any parent with vaccine

712
00:33:58,990 --> 00:33:57,679
concerns should speak to their GP quote

713
00:34:00,430 --> 00:33:59,000

family should not be tricked into

714
00:34:02,440 --> 00:34:00,440
thinking they are protecting themselves

715
00:34:05,169 --> 00:34:02,450
and their children by using these

716
00:34:07,269 --> 00:34:05,179
products I strongly urge any parents or

717
00:34:09,550 --> 00:34:07,279
individuals with questions or concerns

718
00:34:11,950 --> 00:34:09,560
about vaccinations on offer to speak

719
00:34:14,710 --> 00:34:11,960
with their GP or immunization provider

720
00:34:17,109 --> 00:34:14,720
in quote he said when contacted by the

721
00:34:20,800 --> 00:34:17,119
courier-mail ms karuna said that there

722
00:34:22,359 --> 00:34:20,810
was quote a lot of field evidence a lot

723
00:34:24,790 --> 00:34:22,369
of clinical evidence and quote on

724
00:34:27,339 --> 00:34:24,800
homeopathic medicines working including

725
00:34:30,310 --> 00:34:27,349
in Cuba quote it's a funny thing with

726
00:34:32,200 --> 00:34:30,320
homeopathy because it's almost like you

727
00:34:34,180 --> 00:34:32,210
can see the results from the medicine

728
00:34:36,399 --> 00:34:34,190
but scientists don't understand the

729
00:34:38,800 --> 00:34:36,409
mechanism of the action end quote she

730
00:34:40,629 --> 00:34:38,810
said quote that doesn't mean that it

731
00:34:43,540 --> 00:34:40,639
doesn't work it's just that we don't

732
00:34:46,119 --> 00:34:43,550
know how it works I'm sure in 10 years

733
00:34:49,540 --> 00:34:46,129
20 years time we will find that there is

734
00:34:51,700 --> 00:34:49,550
a evidence base for it it's just it

735
00:34:53,800 --> 00:34:51,710
hasn't been discovered homeopathy is

736
00:34:55,960 --> 00:34:53,810
such a simple medicine make

737
00:34:58,540 --> 00:34:55,970
Mia pathak medicine at home it's not

738
00:35:01,930 --> 00:34:58,550

rocket science end quote another comment

739
00:35:04,120 --> 00:35:01,940
from me this has been the cry of the

740
00:35:06,600 --> 00:35:04,130
whoo crowd and people like the

741
00:35:12,190 --> 00:35:06,610
creationists and the UFO believers and

742
00:35:18,400 --> 00:35:12,200
so many others that any day now or soon

743
00:35:20,200 --> 00:35:18,410
or just wait science will verify what

744
00:35:22,540 --> 00:35:20,210
our particular belief system is I

745
00:35:25,270 --> 00:35:22,550
remember hearing this in the 1970s when

746
00:35:26,980 --> 00:35:25,280
it came to the creationists they were

747
00:35:29,220 --> 00:35:26,990
saying it's only a matter of time more

748
00:35:32,620 --> 00:35:29,230
and more scientists and now turning into

749
00:35:34,330 --> 00:35:32,630
supporting creationism I've heard it for

750
00:35:38,370 --> 00:35:34,340
so many years now with things like

751
00:35:40,860 --> 00:35:38,380
homeopathy and this whole just not

752
00:35:43,620 --> 00:35:40,870
science will catch up to what we believe

753
00:35:45,910 --> 00:35:43,630
people who really think something works

754
00:35:48,640 --> 00:35:45,920
think that science will eventually catch

755
00:35:51,970 --> 00:35:48,650
up with the with their opinion we read

756
00:35:54,520 --> 00:35:51,980
on mr. una said that the Zika remedy she

757
00:35:57,370 --> 00:35:54,530
is selling was not a vaccine but a

758
00:36:00,580 --> 00:35:57,380
medicine that can treat symptoms similar

759
00:36:03,250 --> 00:36:00,590
to Zika homeopathic medicine has been

760
00:36:05,230 --> 00:36:03,260
repeatedly discredited by Australian

761
00:36:07,000 --> 00:36:05,240
health authorities after a thorough

762
00:36:08,260 --> 00:36:07,010
review of research papers of the

763
00:36:11,320 --> 00:36:08,270

national health and medical research

764
00:36:13,750 --> 00:36:11,330
council announced in 2015 that there is

765
00:36:15,430 --> 00:36:13,760
quote no good quality evidence to

766
00:36:17,530 --> 00:36:15,440
support the claim that homeopathy is

767
00:36:20,020 --> 00:36:17,540
effective in treating health conditions

768
00:36:25,260 --> 00:36:20,030
and quote now I'd like to refer to a

769
00:36:29,860 --> 00:36:25,270
newspaper item dated the 23rd of august

770
00:36:33,520 --> 00:36:29,870
2002 in The Daily Telegraph newspaper

771
00:36:36,520 --> 00:36:33,530
daily telegraph calm today you buy Sudan

772
00:36:38,410 --> 00:36:36,530
leaving a fake meningococcal vaccine has

773
00:36:40,480 --> 00:36:38,420
been banned as health authorities warn

774
00:36:41,920 --> 00:36:40,490
consumers against relying on homeopathic

775
00:36:44,980 --> 00:36:41,930
remedies the Therapeutic Goods

776
00:36:47,170 --> 00:36:44,990
Administration issued the ban after the

777
00:36:49,000 --> 00:36:47,180
Daily Telegraph drew its attention to

778
00:36:52,480 --> 00:36:49,010
homeopaths in Sydney and Newcastle

779
00:36:54,700 --> 00:36:52,490
selling the bogus vaccines homeopaths

780
00:36:57,010 --> 00:36:54,710
and health authorities said that they

781
00:36:58,960 --> 00:36:57,020
are alarmed that people may have relied

782
00:37:01,150 --> 00:36:58,970
on the product to protect them against

783
00:37:06,010 --> 00:37:01,160
meningococcal disease which has killed

784
00:37:07,040 --> 00:37:06,020
24 people this year and indeed if we

785
00:37:08,900 --> 00:37:07,050
look at the

786
00:37:11,810 --> 00:37:08,910
list of winners of the Australian

787
00:37:13,520 --> 00:37:11,820
skeptics bent spoon award for the year

788
00:37:16,970 --> 00:37:13,530

two thousand and two it was won by

789
00:37:19,730 --> 00:37:16,980
gentle heel proprietary limited for

790
00:37:23,630 --> 00:37:19,740
selling fake homeopathic vaccines and

791
00:37:26,210 --> 00:37:23,640
from 2002 a report on the network ten

792
00:37:28,730 --> 00:37:26,220
nightly news featuring comments from

793
00:37:31,340 --> 00:37:28,740
longtime Australian skeptic Barry

794
00:37:33,620 --> 00:37:31,350
Williams I wanting to consumers over

795
00:37:35,390 --> 00:37:33,630
fake meningococcal vaccines medical

796
00:37:37,640 --> 00:37:35,400
authorities have banned the homeopathic

797
00:37:40,370 --> 00:37:37,650
remedies saying they'll have no effect

798
00:37:41,780 --> 00:37:40,380
in preventing the deadly disease it

799
00:37:44,090 --> 00:37:41,790
promise is much more than it could

800
00:37:46,070 --> 00:37:44,100
possibly deliver a deceptive label that

801
00:37:48,590 --> 00:37:46,080
his federal health authorities angry and

802
00:37:50,510 --> 00:37:48,600
investigating and if necessary we will

803
00:37:52,430 --> 00:37:50,520
institute recalls or perhaps even

804
00:37:54,050 --> 00:37:52,440
prosecute because we're concerned that

805
00:37:56,150 --> 00:37:54,060
these are being supplied outside the

806
00:37:58,220 --> 00:37:56,160
therapeutic goods act these homeopathic

807
00:38:00,080 --> 00:37:58,230
remedies claiming to be vaccines against

808
00:38:02,600 --> 00:38:00,090
the deadly meningococcal disease have

809
00:38:05,000 --> 00:38:02,610
now been banned despite having no proven

810
00:38:06,920 --> 00:38:05,010
therapeutic value desperate and fearful

811
00:38:08,690 --> 00:38:06,930
parents have turned to them even buying

812
00:38:10,220 --> 00:38:08,700
them through mail order it's

813
00:38:12,110 --> 00:38:10,230

understandable that when there's

814
00:38:14,570 --> 00:38:12,120
something which is caused a lot of

815
00:38:16,840 --> 00:38:14,580
public concern that people will look for

816
00:38:19,820 --> 00:38:16,850
answers wherever they can find them but

817
00:38:21,440 --> 00:38:19,830
unfortunately homeopathic vaccines are

818
00:38:23,090 --> 00:38:21,450
no answer to this problem the

819
00:38:25,190 --> 00:38:23,100
manufacturer has withdrawn the bogus

820
00:38:27,650 --> 00:38:25,200
vaccine from sales saying confusion

821
00:38:29,480 --> 00:38:27,660
comes from a requirement to including

822
00:38:31,700 --> 00:38:29,490
the name what the source material is

823
00:38:33,530 --> 00:38:31,710
magazine it's not actually a vaccine as

824
00:38:35,930 --> 00:38:33,540
such as a homeopathic medicine made from

825
00:38:37,520 --> 00:38:35,940
the vaccine so a lot of practitioners

826
00:38:39,800 --> 00:38:37,530
historically we've used those medicines

827
00:38:41,630 --> 00:38:39,810
and very very small quantities Detroit

828
00:38:43,340 --> 00:38:41,640
the effects of the vaccine the

829
00:38:45,440 --> 00:38:43,350
Australian skeptics society has long

830
00:38:47,510 --> 00:38:45,450
campaigned against homeopathic remedies

831
00:38:49,490 --> 00:38:47,520
arguing their little more than distilled

832
00:38:51,380 --> 00:38:49,500
water although I've do you harm what

833
00:38:54,080 --> 00:38:51,390
they all do is give you a false sense of

834
00:38:56,120 --> 00:38:54,090
security and you will think that your

835
00:38:57,590 --> 00:38:56,130
protect against something only one

836
00:38:59,570 --> 00:38:57,600
officially sanctioned vaccine is

837
00:39:01,790 --> 00:38:59,580
available for the type C strain of the

838
00:39:03,410 --> 00:39:01,800

disease there's currently a worldwide

839
00:39:05,600 --> 00:39:03,420
shortage of the problem a ninja kaka

840
00:39:07,490 --> 00:39:05,610
vaccine but a federal government program

841
00:39:10,190 --> 00:39:07,500
will be in place before next year's

842
00:39:12,620 --> 00:39:10,200
critical season vaccinating for free All

843
00:39:15,470 --> 00:39:12,630
Australian one year olds 15 year olds

844
00:39:20,539 --> 00:39:15,480
and 17 year olds those concerned can

845
00:39:23,989 --> 00:39:20,549
call a national hotline on 1 800 1290 68

846
00:39:25,509 --> 00:39:23,999
I attend use and if we look at the

847
00:39:28,849 --> 00:39:25,519
australian competition and consumer

848
00:39:31,189 --> 00:39:28,859
commission's website we find dated to

849
00:39:33,229 --> 00:39:31,199
2030 december 2014 court finds

850
00:39:35,929 --> 00:39:33,239
homeopathy plus vaccine claims

851
00:39:37,729 --> 00:39:35,939
misleading a federal court has found

852
00:39:40,489 --> 00:39:37,739
that homeopathy plus proprietary limited

853
00:39:42,559 --> 00:39:40,499
and its director miss Fran sheffield

854
00:39:43,939 --> 00:39:42,569
engaged in misleading conduct and made

855
00:39:46,339 --> 00:39:43,949
false or misleading representations

856
00:39:48,769 --> 00:39:46,349
regarding the effectiveness of the

857
00:39:51,199 --> 00:39:48,779
whooping cough vaccine and homeopathic

858
00:39:54,349 --> 00:39:51,209
remedies as an alternative in breach of

859
00:39:57,919 --> 00:39:54,359
the Australian Consumer Law and so the

860
00:40:00,160 --> 00:39:57,929
story continues once again these people

861
00:40:02,150 --> 00:40:00,170
are out there promoting the fact that

862
00:40:07,549 --> 00:40:02,160
homeopathy can do all these things

863
00:40:10,219 --> 00:40:07,559

because they probably truly and

864
00:40:13,249 --> 00:40:10,229
sincerely believe that they can do all

865
00:40:15,259 --> 00:40:13,259
these things and this is giving them the

866
00:40:17,299 --> 00:40:15,269
benefit of the doubt this is putting the

867
00:40:19,099 --> 00:40:17,309
best possible angle on it that these

868
00:40:20,749 --> 00:40:19,109
people aren't doing things to make a

869
00:40:23,479 --> 00:40:20,759
quick buck knowing that they're selling

870
00:40:25,880 --> 00:40:23,489
fake vaccines but no they really think

871
00:40:27,739 --> 00:40:25,890
these things work but regardless of

872
00:40:29,900 --> 00:40:27,749
their good intentions of course they

873
00:40:31,429 --> 00:40:29,910
don't work they can't work the weight of

874
00:40:34,249 --> 00:40:31,439
evidence and the laws of physics are

875
00:40:36,890 --> 00:40:34,259
against them and in situations like this

876
00:40:39,160 --> 00:40:36,900
they are putting lives in danger we will

877
00:40:59,650 --> 00:40:39,170
keep you updated as to further

878
00:41:08,029 --> 00:41:04,519
hey Heidi oh hi Joe hi Heidi oh hi

879
00:41:11,269 --> 00:41:08,039
Maynard hi Maynard oh hi Joe nice day in

880
00:41:15,109 --> 00:41:11,279
this park yeah yes great weather oh look

881
00:41:17,689 --> 00:41:15,119
a unicorn a unicorn there are no such

882
00:41:20,870 --> 00:41:17,699
things as unicorns silly yes there are

883
00:41:23,359 --> 00:41:20,880
no there isn't Hey ladies what are you

884
00:41:26,839 --> 00:41:23,369
arguing about Joe thinks unicorns are

885
00:41:30,349 --> 00:41:26,849
real they fo are let's look this up in

886
00:41:32,599 --> 00:41:30,359
the skeptics dictionary the word how can

887
00:41:34,939 --> 00:41:32,609
we do that in this park there are no

888
00:41:37,249 --> 00:41:34,949

computers here you ladies probably don't

889
00:41:40,339 --> 00:41:37,259
know about the skeptics dictionary app

890
00:41:43,459 --> 00:41:40,349
available now for iPhone iPad and iPod

891
00:41:45,439 --> 00:41:43,469
touch in the app store yeah we do we've

892
00:41:49,789 --> 00:41:45,449
been listening to the skeptic zone for

893
00:41:51,979 --> 00:41:49,799
years you know yes ok the app lets you

894
00:41:55,699 --> 00:41:51,989
access all the great skeptics dictionary

895
00:41:58,519 --> 00:41:55,709
articles when you're on the go yeah let

896
00:42:01,459 --> 00:41:58,529
me look up unicorns oh cool Heidi

897
00:42:03,949 --> 00:42:01,469
prepare to be proven wrong it says here

898
00:42:07,279 --> 00:42:03,959
the Unicorn is a creature from fables

899
00:42:08,779 --> 00:42:07,289
aha actually I see now that someone just

900
00:42:11,509 --> 00:42:08,789
dumped their ice cream cone on that

901
00:42:13,849 --> 00:42:11,519
horse's head thanks attention their

902
00:42:23,740 --> 00:42:13,859
iphone app that's just some guy in these

903
00:42:59,690 --> 00:42:23,750
undies here's may not spooky action

904
00:43:04,259 --> 00:43:01,890
look good morning you're hearing a very

905
00:43:06,450 --> 00:43:04,269
croaking main out here and I'd probably

906
00:43:09,479 --> 00:43:06,460
say i don't think the shipping zone has

907
00:43:11,999 --> 00:43:09,489
ever been recorded at 6am little own 6am

908
00:43:13,440 --> 00:43:12,009
earth time we dispense illipe earth the

909
00:43:16,019 --> 00:43:13,450
head off on the adelaide leg of the

910
00:43:18,599 --> 00:43:16,029
totally 80's tour and I thought well

911
00:43:21,509 --> 00:43:18,609
musicians can be like sports people and

912
00:43:24,749 --> 00:43:21,519
that they tend to think if they do

913
00:43:26,130 --> 00:43:24,759

something repeatedly able bring them

914
00:43:28,380 --> 00:43:26,140
good luck or they will ward off bad

915
00:43:29,759 --> 00:43:28,390
things happening and I think I might see

916
00:43:32,370 --> 00:43:29,769
if there's any years two positions on

917
00:43:34,200 --> 00:43:32,380
two or ways to behave on tour like I

918
00:43:36,209 --> 00:43:34,210
myself like to cargill every night I

919
00:43:37,559 --> 00:43:36,219
don't know if that's actually something

920
00:43:39,989 --> 00:43:37,569
that's a bit of a superstition ah but

921
00:43:41,370 --> 00:43:39,999
it's fun thing to do but I've exalted a

922
00:43:43,859 --> 00:43:41,380
few people about what they do to try and

923
00:43:46,410 --> 00:43:43,869
keep things and wore off bad luck during

924
00:43:48,569 --> 00:43:46,420
a tour the camp here in the departure

925
00:43:51,209 --> 00:43:48,579
lounge here at Perth for me here with

926
00:43:52,819 --> 00:43:51,219
John who is a deep to organize and

927
00:43:56,069 --> 00:43:52,829
manager what's your official tunnel

928
00:43:58,099 --> 00:43:56,079
artists liaison our artists liaison

929
00:44:00,719 --> 00:43:58,109
that's a tough one because that's a very

930
00:44:02,370 --> 00:44:00,729
gray area as to what you have to do

931
00:44:06,329 --> 00:44:02,380
that's everything from potentially

932
00:44:09,930 --> 00:44:06,339
walking dogs to overseeing relationship

933
00:44:11,459 --> 00:44:09,940
breakups that's correct hmm and I have

934
00:44:13,829 --> 00:44:11,469
been talking about things you do and you

935
00:44:15,150 --> 00:44:13,839
mentioned you our a thespian and I'm so

936
00:44:16,259 --> 00:44:15,160
did you have a ritual before you went on

937
00:44:17,519 --> 00:44:16,269
stage there's something that you'd like

938
00:44:20,069 --> 00:44:17,529

to do that make you more comfortable

939
00:44:21,450 --> 00:44:20,079
before you perform I've usually just

940
00:44:24,150 --> 00:44:21,460
spend about half an hour just on my own

941
00:44:25,979 --> 00:44:24,160
just my own space and do you think about

942
00:44:28,529 --> 00:44:25,989
the character or what you have to do

943
00:44:30,209 --> 00:44:28,539
when you're on stage and if you don't do

944
00:44:33,329 --> 00:44:30,219
that just everything come undone or not

945
00:44:37,140 --> 00:44:33,339
not really no okay so it's not really

946
00:44:39,160 --> 00:44:37,150
necessary ritual no

947
00:44:40,960 --> 00:44:39,170
and we're here with that one of our

948
00:44:42,370 --> 00:44:40,970
dancers as well now dance is being very

949
00:44:44,349 --> 00:44:42,380
physical is there something you feel

950
00:44:46,120 --> 00:44:44,359
you've got to do that maybe physically

951
00:44:48,329 --> 00:44:46,130
you don't have to do but you have to do

952
00:44:50,920 --> 00:44:48,339
before you go on I'm definitely

953
00:44:52,359 --> 00:44:50,930
stretching that's a big thing because

954
00:44:54,609 --> 00:44:52,369
you don't want to hurt yourself on stage

955
00:44:56,349 --> 00:44:54,619
or be sore for the rest of the tour so

956
00:44:58,299 --> 00:44:56,359
you got to take care of your body mm-hmm

957
00:44:59,890 --> 00:44:58,309
okay now what about sporting is it weird

958
00:45:02,319 --> 00:44:59,900
sporting person and it had a sporting

959
00:45:04,690 --> 00:45:02,329
ritual and you played sport yeah had

960
00:45:07,479 --> 00:45:04,700
some a pair of lucky undies for the

961
00:45:09,519 --> 00:45:07,489
hunger they let my favorite color and I

962
00:45:11,829 --> 00:45:09,529
felt like I would win if I wore them and

963
00:45:13,390 --> 00:45:11,839

did you ever ever test that empirically

964
00:45:16,239 --> 00:45:13,400
did you not wear them where the one day

965
00:45:17,769 --> 00:45:16,249
and lose um no I think it's definitely

966
00:45:19,269 --> 00:45:17,779
mind ever mattered I think I really

967
00:45:21,190 --> 00:45:19,279
lucky undies it was just something that

968
00:45:23,470 --> 00:45:21,200
would try to make me feel like I was

969
00:45:28,650 --> 00:45:23,480
gonna win because people secret you got

970
00:45:34,599 --> 00:45:31,690
now we have another a dancer here we got

971
00:45:36,670 --> 00:45:34,609
here Alison Alison now do you have

972
00:45:38,680 --> 00:45:36,680
something that you do before you go on

973
00:45:40,329 --> 00:45:38,690
that seems a little bit not really

974
00:45:42,960 --> 00:45:40,339
rational but it seems to make you feel

975
00:45:46,089 --> 00:45:42,970
better before you perform oh yeah I just

976
00:45:48,190 --> 00:45:46,099
shake out the nerves so I just jump up

977
00:45:50,410 --> 00:45:48,200
and down shake my hands out and it seems

978
00:45:51,640 --> 00:45:50,420
to get rid of the nerves for me no this

979
00:45:53,829 --> 00:45:51,650
is something that's based in in sort of

980
00:45:55,749 --> 00:45:53,839
science did someone teach us to you or a

981
00:45:57,069 --> 00:45:55,759
dance class at someone say if you do

982
00:45:58,839 --> 00:45:57,079
this this will have this reaction

983
00:46:01,299 --> 00:45:58,849
therefore you'll do a better performance

984
00:46:03,880 --> 00:46:01,309
and not necessarily just kind of

985
00:46:06,549 --> 00:46:03,890
developed it myself and it gets me ready

986
00:46:08,319 --> 00:46:06,559
to go okay so we're not just talking new

987
00:46:09,970 --> 00:46:08,329
shoulders we're talking it starts in the

988
00:46:12,400 --> 00:46:09,980

hands and shoulders and then it all over

989
00:46:14,769 --> 00:46:12,410
shaking yup develops all over shake

990
00:46:16,960 --> 00:46:14,779
shake everything out get ready to go on

991
00:46:18,039 --> 00:46:16,970
ok but not psychologically is there

992
00:46:20,380 --> 00:46:18,049
anything you've got to do or does that

993
00:46:22,960 --> 00:46:20,390
do it for you I know that does it for me

994
00:46:24,670 --> 00:46:22,970
just stay focused and yeah get ready to

995
00:46:26,079 --> 00:46:24,680
go to the stage ok what about other

996
00:46:27,700 --> 00:46:26,089
dancers you've seen him they got any

997
00:46:28,989 --> 00:46:27,710
strange rituals where you go I don't see

998
00:46:30,249 --> 00:46:28,999
how that helps but it seems to be

999
00:46:33,789 --> 00:46:30,259
something they have to do before they

1000
00:46:35,220 --> 00:46:33,799
perform certain drinks are some

1001
00:46:39,000 --> 00:46:35,230
stretches

1002
00:46:40,740 --> 00:46:39,010
yes it's bad hit you and because dancers

1003
00:46:42,120 --> 00:46:40,750
are a bit like a sporting thing you're

1004
00:46:43,890 --> 00:46:42,130
doing the same thing over and over again

1005
00:46:45,330 --> 00:46:43,900
what's the most common injury you get

1006
00:46:47,910 --> 00:46:45,340
Iran's got their own weeks but is it

1007
00:46:50,130 --> 00:46:47,920
Achilles heel hamstring what's a bit the

1008
00:46:52,560 --> 00:46:50,140
tens you tend to worry about our mind at

1009
00:46:54,480 --> 00:46:52,570
the moment is my knee so that's that's

1010
00:46:56,490 --> 00:46:54,490
currently all strapped up ready to go

1011
00:46:59,340 --> 00:46:56,500
okay was added take a side would knock

1012
00:47:02,340 --> 00:46:59,350
did it yeah yeah bit of a bump but it's

1013
00:47:04,050 --> 00:47:02,350

okay it won't stop me oh yes because I'm

1014
00:47:05,849 --> 00:47:04,060
unlike sporting people i guess like

1015
00:47:08,040 --> 00:47:05,859
spotting people if you're dancing in a

1016
00:47:10,590 --> 00:47:08,050
show and something hurts it's best not

1017
00:47:12,270 --> 00:47:10,600
to show pain on your face exactly you

1018
00:47:14,520 --> 00:47:12,280
just work through it and pretend it's

1019
00:47:16,020 --> 00:47:14,530
not there what about post show is that

1020
00:47:19,080 --> 00:47:16,030
something you do where you go okay the

1021
00:47:22,560 --> 00:47:19,090
show's over now I can do this post show

1022
00:47:25,890 --> 00:47:22,570
eyes I relax I have something sweet to

1023
00:47:27,690 --> 00:47:25,900
eat like a little reward yourself for

1024
00:47:30,450 --> 00:47:27,700
job well done yeah little snack

1025
00:47:32,550 --> 00:47:30,460
afterwards okay entering advice was the

1026
00:47:33,810 --> 00:47:32,560
one thing to stop getting sick on tour

1027
00:47:36,300 --> 00:47:33,820
because there's a few people getting

1028
00:47:38,220 --> 00:47:36,310
sick here understood yeah you both

1029
00:47:42,240 --> 00:47:38,230
dancers you've been great yes stay

1030
00:47:44,070 --> 00:47:42,250
hydrated and make sure you eat make sure

1031
00:47:47,730 --> 00:47:44,080
you get enough sleep look after yourself

1032
00:47:49,740 --> 00:47:47,740
okay good advice thank you I'm a cub

1033
00:47:52,380 --> 00:47:49,750
reporter may now now over near the air

1034
00:47:54,090 --> 00:47:52,390
the tea center and at the t center of

1035
00:47:56,370 --> 00:47:54,100
the Virgin lounge we find a trouble or

1036
00:47:58,670 --> 00:47:56,380
how how are you I'm good I'm actually

1037
00:48:02,099 --> 00:47:58,680
I'm just

1038
00:48:03,900 --> 00:48:02,109

stealing some tea so this is a crime in

1039
00:48:05,849 --> 00:48:03,910
progress like you know a surveillance

1040
00:48:07,470 --> 00:48:05,859
camera goes a bounce microphone actually

1041
00:48:10,079 --> 00:48:07,480
I'm going to do the same thing by just

1042
00:48:12,420 --> 00:48:10,089
getting some now you're going for mint

1043
00:48:14,430 --> 00:48:12,430
which I would have thought lemongrass

1044
00:48:18,260 --> 00:48:14,440
will be n better for your voice well

1045
00:48:20,400 --> 00:48:18,270
this is for an upset tummy so I'm just

1046
00:48:23,700 --> 00:48:20,410
thinking that this could be a good thing

1047
00:48:25,710 --> 00:48:23,710
I do have the honey which will help with

1048
00:48:27,359 --> 00:48:25,720
my throat geez you've actually got do

1049
00:48:28,799 --> 00:48:27,369
you vote a history of Turing and

1050
00:48:30,120 --> 00:48:28,809
everything so you should be knowing what

1051
00:48:31,650 --> 00:48:30,130
to do on tour but if you're going to

1052
00:48:33,809 --> 00:48:31,660
think that is maybe isn't completely

1053
00:48:35,880 --> 00:48:33,819
rational that you do before a show or

1054
00:48:39,660 --> 00:48:35,890
while on tour to ward off bad happenings

1055
00:48:43,020 --> 00:48:39,670
I wish I could tell you some crazy story

1056
00:48:46,109 --> 00:48:43,030
but I just take 15 minutes before the

1057
00:48:49,710 --> 00:48:46,119
show to try and clear my head and focus

1058
00:48:51,450 --> 00:48:49,720
and get some space away from everybody

1059
00:48:53,880 --> 00:48:51,460
else however it is hard when you're

1060
00:48:55,230 --> 00:48:53,890
sharing well as we did in Perth last

1061
00:48:58,319 --> 00:48:55,240
night the Astor theatre we were sharing

1062
00:49:00,510 --> 00:48:58,329
a corridor a corridor correct Jeff a

1063
00:49:02,549 --> 00:49:00,520

draft you cover or that too that's right

1064
00:49:04,380 --> 00:49:02,559
yes there was a one presentation going

1065
00:49:05,940 --> 00:49:04,390
on in the corridor while we were

1066
00:49:07,829 --> 00:49:05,950
changing it was it was interesting was

1067
00:49:09,120 --> 00:49:07,839
surreal but what about other pit

1068
00:49:10,589 --> 00:49:09,130
performers is there someone who's done

1069
00:49:13,710 --> 00:49:10,599
something you've gone I don't know how

1070
00:49:16,799 --> 00:49:13,720
that helps your show well my husband

1071
00:49:19,710 --> 00:49:16,809
Jack Houston from the wetlands he

1072
00:49:21,809 --> 00:49:19,720
actually does push-ups before the show

1073
00:49:25,470 --> 00:49:21,819
is that just to get the blood pumping I

1074
00:49:27,750 --> 00:49:25,480
think perhaps but also to maybe get a

1075
00:49:30,480 --> 00:49:27,760
bit more like his gums look a bit better

1076
00:49:32,339 --> 00:49:30,490
yes however i must admit then they're

1077
00:50:16,780 --> 00:49:32,349
never quite as big as mine i think my

1078
00:50:21,349 --> 00:50:19,370
how much truth is there to claims of

1079
00:50:23,720 --> 00:50:21,359
risk caused by the treatment of beef

1080
00:50:25,550 --> 00:50:23,730
cattle with antibiotics I'm Tamra

1081
00:50:31,490 --> 00:50:25,560
Robertson and you're hooked up to the

1082
00:50:33,650 --> 00:50:31,500
feeding tube the feeding tube is the web

1083
00:50:36,770 --> 00:50:33,660
video series that brings you the real

1084
00:50:39,230 --> 00:50:36,780
facts behind popular food myths food

1085
00:50:41,599 --> 00:50:39,240
whoo is the most pervasive pop

1086
00:50:44,089 --> 00:50:41,609
pseudoscience out there right now and it

1087
00:50:46,070 --> 00:50:44,099
desperately needs debunking each three

1088
00:50:48,859 --> 00:50:46,080

minute episode is suitable for general

1089
00:50:51,980 --> 00:50:48,869
audience and is produced by scientists

1090
00:51:08,520 --> 00:50:51,990
for everyone the feeding tube check it

1091
00:51:12,550 --> 00:51:11,020
thank you for listening to the skeptic

1092
00:51:15,790 --> 00:51:12,560
zone now as I mentioned at the top of

1093
00:51:18,070 --> 00:51:15,800
the show next week I hope to bring you

1094
00:51:20,740 --> 00:51:18,080
an interview with Fiona O'Leary from

1095
00:51:24,040 --> 00:51:20,750
Ireland who's involved with autistic

1096
00:51:28,780 --> 00:51:24,050
rights together she has recently

1097
00:51:30,850 --> 00:51:28,790
received a legal threat from it seems to

1098
00:51:33,280 --> 00:51:30,860
be a cinema chain who are probably

1099
00:51:37,000 --> 00:51:33,290
showing and promoting the movie bakst

1100
00:51:39,970 --> 00:51:37,010
now if you go to the show notes i will

1101
00:51:43,150 --> 00:51:39,980
put a link to this this story which is

1102
00:51:45,070 --> 00:51:43,160
from a website a science enthusiast I

1103
00:51:47,860 --> 00:51:45,080
but the story is gaining momentum it's

1104
00:51:50,980 --> 00:51:47,870
probably on many websites by now it says

1105
00:51:54,250 --> 00:51:50,990
makers of axed threaten lawsuit over a

1106
00:51:57,400 --> 00:51:54,260
valid criticism so yes in the show notes

1107
00:52:00,640 --> 00:51:57,410
have a look at that and in the meantime

1108
00:52:04,450 --> 00:52:00,650
in the following week until I we can get

1109
00:52:08,020 --> 00:52:04,460
you the story in full you may wish to

1110
00:52:11,530 --> 00:52:08,030
see what assistance you may be able to

1111
00:52:12,910 --> 00:52:11,540
offer Fiona O'Leary but day yes go to

1112
00:52:15,490 --> 00:52:12,920
the site and read the background

1113
00:52:17,560 --> 00:52:15,500

information and I think you'll find more

1114
00:52:19,840 --> 00:52:17,570
information on popular blogs about that

1115
00:52:22,180 --> 00:52:19,850
and thank you once again to the people

1116
00:52:26,050 --> 00:52:22,190
who are signing up via patreon to become

1117
00:52:29,680 --> 00:52:26,060
patrons of the skeptic zone that means a

1118
00:52:31,990 --> 00:52:29,690
lot the more people who help out the

1119
00:52:33,790 --> 00:52:32,000
show the easier it is for me quite

1120
00:52:37,600 --> 00:52:33,800
frankly to keep bringing you the show

1121
00:52:39,940 --> 00:52:37,610
and it's um this is really nice to know

1122
00:52:42,910 --> 00:52:39,950
people out there are willing to support

1123
00:52:45,160 --> 00:52:42,920
what what the skeptic zone is trying to

1124
00:52:48,490 --> 00:52:45,170
do anyway you can find out about that at

1125
00:52:52,330 --> 00:52:48,500
skeptic zone dot TV where you can also

1126
00:52:54,940 --> 00:52:52,340
see you can listen via stitcher itunes

1127
00:52:57,250 --> 00:52:54,950
and even youtube and you can subscribe

1128
00:53:00,640 --> 00:52:57,260
to the YouTube channel of the skeptics

1129
00:53:03,280 --> 00:53:00,650
and podcast and get your fresh new

1130
00:53:07,390 --> 00:53:03,290
episode every week and also I think the

1131
00:53:11,380 --> 00:53:07,400
show is about to be distributed through

1132
00:53:12,820 --> 00:53:11,390
I Heart Radio I'm just looking into that

1133
00:53:14,560 --> 00:53:12,830
at the moment I in fact I've submitted

1134
00:53:16,420 --> 00:53:14,570
all the information I think I'm just

1135
00:53:18,820 --> 00:53:16,430
waiting for them to get back to me but

1136
00:53:20,680 --> 00:53:18,830
once that's up I'll let you know

1137
00:53:22,120 --> 00:53:20,690
and just before I go don't forget those

1138
00:53:25,450 --> 00:53:22,130

people in Sydney there's a skeptics

1139
00:53:29,560 --> 00:53:25,460
dinner coming up I just visit skeptics

1140
00:53:31,780 --> 00:53:29,570
comte you for those details and also if

1141
00:53:33,640 --> 00:53:31,790
you visit that website scroll down to

1142
00:53:36,820 --> 00:53:33,650
the bottom you can sign up for the

1143
00:53:37,990 --> 00:53:36,830
Australian skeptics newsletter and see

1144
00:53:41,440 --> 00:53:38,000
what's happening with the Australian

1145
00:53:42,910 --> 00:53:41,450
skeptics regularly in your inbox but for

1146
00:53:50,170 --> 00:53:42,920
this week this is Richard Saunders

1147
00:53:51,790 --> 00:53:50,180
signing off from Sydney Australia you've

1148
00:53:55,360 --> 00:53:51,800
been listening to the skeptics own

1149
00:53:58,270 --> 00:53:55,370
podcast visit our website at wwc a

1150
00:54:01,690 --> 00:53:58,280
petting zoo TV for contacts an archive

1151
00:54:04,420 --> 00:54:01,700
of all episodes since 2008 and our

1152
00:54:06,330 --> 00:54:04,430
online store please support the skeptic

1153
00:54:09,490 --> 00:54:06,340
zone by following us on twitter at

1154
00:54:13,120 --> 00:54:09,500
skeptic zone liking us on facebook and

1155
00:54:15,310 --> 00:54:13,130
leaving a review on iTunes you can also

1156
00:54:18,480 --> 00:54:15,320
show your support by subscribing via

1157
00:54:21,250 --> 00:54:18,490
paypal for as little as 99 cents a week

1158
00:54:22,900 --> 00:54:21,260
the skeptic zone is an independent

1159
00:54:25,330 --> 00:54:22,910
production the views and opinions

1160
00:54:26,920 --> 00:54:25,340
expressed on the skeptic zone and not

1161
00:54:29,800 --> 00:54:26,930
necessarily those of Australian