

1
00:00:05,950 --> 00:00:13,679
welcome to the skeptic zone the podcast

2
00:00:09,099 --> 00:00:13,679
from Australia for science and reason

3
00:00:21,679 --> 00:00:27,769
hello and welcome to the skeptic zone

4
00:00:24,390 --> 00:00:32,489
for the twentieth of may 2013 show

5
00:00:27,769 --> 00:00:34,799
number 239 Richard Saunders here with

6
00:00:32,488 --> 00:00:36,899
you from Sydney Australia now just a

7
00:00:34,799 --> 00:00:40,589
note to regular skeptic zone listeners

8
00:00:36,899 --> 00:00:43,018
yes this show is late in fact i think in

9
00:00:40,590 --> 00:00:44,850
almost five years of the skeptic zone

10
00:00:43,018 --> 00:00:47,518
this is probably the latest one we've

11
00:00:44,850 --> 00:00:48,750
had very good reason for that very good

12
00:00:47,518 --> 00:00:52,530
reason coming up at the top of the show

13
00:00:48,750 --> 00:00:56,128
dr. ray chira ports dr. 'he is going to

14
00:00:52,530 --> 00:00:58,198
interview Sonya Pemberton in fact she

15
00:00:56,128 --> 00:01:00,238
just did a little while ago and that's

16
00:00:58,198 --> 00:01:03,058
why we had to hold the show over because

17
00:01:00,238 --> 00:01:05,569
of scheduling and then all the rest of

18
00:01:03,058 --> 00:01:08,250
it but uh I hope you'll understand

19
00:01:05,569 --> 00:01:10,158
nevertheless Sonya Pemberton's going to

20
00:01:08,250 --> 00:01:14,609
be talking about her new documentary

21
00:01:10,159 --> 00:01:16,830
jabbed love fear and vaccines now this

22
00:01:14,609 --> 00:01:20,938
is premiering here in Australia on SBS

23
00:01:16,829 --> 00:01:24,390
TV SBS one on Sunday May the 26th at

24
00:01:20,938 --> 00:01:27,000
eight thirty so that's this sunday

25
00:01:24,390 --> 00:01:31,739
coming up I was very lucky enough to

26
00:01:27,000 --> 00:01:34,260
meet Sonia a month or so back at the fo

27
00:01:31,739 --> 00:01:36,390
the film festival in all emotes in the

28
00:01:34,260 --> 00:01:39,840
Czech Republic and she was very excited

29

00:01:36,390 --> 00:01:41,909
about this documentary jabbed it takes a

30
00:01:39,840 --> 00:01:46,680
look at all sorts of issues involving

31
00:01:41,909 --> 00:01:51,500
vaccination especially it looks at some

32
00:01:46,680 --> 00:01:55,830
of the adverse reactions to vaccination

33
00:01:51,500 --> 00:01:58,859
well worth viewing coming up on SBS this

34
00:01:55,829 --> 00:02:00,870
weekend this Sunday anyway dr. rachy in

35
00:01:58,859 --> 00:02:02,730
a moment we'll be chatting to Sonya

36
00:02:00,870 --> 00:02:05,670
Pemberton all about her wonderful

37
00:02:02,730 --> 00:02:09,179
documentary jabbed following that it's

38
00:02:05,670 --> 00:02:11,158
my report from mind body spirit or

39
00:02:09,179 --> 00:02:14,340
mind-body wallet as we call it the New

40
00:02:11,158 --> 00:02:15,780
Age festival fair here in Sydney I think

41
00:02:14,340 --> 00:02:18,090
it's a bit of a traveling circus and

42
00:02:15,780 --> 00:02:19,739
ends up at other capitals throughout the

43
00:02:18,090 --> 00:02:23,039

year but every six months we have mind

44

00:02:19,739 --> 00:02:25,289

body spirit here in Sydney so this time

45

00:02:23,039 --> 00:02:29,179

I wander around with my trusty

46

00:02:25,289 --> 00:02:33,000

microphone giving my thoughts about this

47

00:02:29,180 --> 00:02:34,390

interesting new age fair after that it's

48

00:02:33,000 --> 00:02:35,740

a week in science without

49

00:02:34,389 --> 00:02:40,299

good friends from the Royal Institution

50

00:02:35,740 --> 00:02:42,189

of Australia are I aus ok you and what a

51

00:02:40,300 --> 00:02:44,319

popular segment that is I love it every

52

00:02:42,189 --> 00:02:46,568

week a week in science reminds us all

53

00:02:44,318 --> 00:02:49,359

how much science good science is going

54

00:02:46,568 --> 00:02:52,659

on around the world all the time and

55

00:02:49,360 --> 00:02:54,520

following that its main odd spooky

56

00:02:52,659 --> 00:02:57,819

action Maynard's going to be talking

57

00:02:54,520 --> 00:03:00,730

about anesthesia now what a what an

58
00:02:57,819 --> 00:03:02,769
important part of medical science and a

59
00:03:00,729 --> 00:03:05,649
seizure is I've had a number of

60
00:03:02,770 --> 00:03:07,780
operations throughout my life and and

61
00:03:05,650 --> 00:03:09,280
I'm pretty glad there was an aesthetic

62
00:03:07,780 --> 00:03:13,330
on hand i'm going to show you that

63
00:03:09,280 --> 00:03:15,459
looking at my appendix scar main our

64
00:03:13,330 --> 00:03:18,459
chats to Professor Tim short about

65
00:03:15,459 --> 00:03:20,080
anesthesia and around off the show we

66
00:03:18,459 --> 00:03:21,819
have a report about a story that sort of

67
00:03:20,080 --> 00:03:26,280
been bubbling around for quite a number

68
00:03:21,819 --> 00:03:29,259
of years in Sydney since about 2006 2007

69
00:03:26,280 --> 00:03:32,080
there's a house are in the west of

70
00:03:29,259 --> 00:03:35,909
Sydney no place called Guildford where

71
00:03:32,080 --> 00:03:39,570
it's claimed oil seeps from the walls

72
00:03:35,909 --> 00:03:44,889
not just any oil this is miracle oil

73
00:03:39,569 --> 00:03:46,539
messages from beyond the grave and not

74
00:03:44,889 --> 00:03:48,849
only oil seeping from the walls that

75
00:03:46,539 --> 00:03:52,269
there's actually writing on the walls

76
00:03:48,849 --> 00:03:54,009
and on the ceiling and drawing and

77
00:03:52,269 --> 00:03:56,260
letters and numbers and all sorts of

78
00:03:54,009 --> 00:03:58,629
things a very strange story going along

79
00:03:56,259 --> 00:04:00,909
for many years that report the miracle

80
00:03:58,629 --> 00:04:03,579
house at guilford is coming up to round

81
00:04:00,909 --> 00:04:05,439
off this week's episode well that's

82
00:04:03,579 --> 00:04:07,030
enough from me I'm going to run to the

83
00:04:05,439 --> 00:04:10,870
fridge i'm going to see if there's a

84
00:04:07,030 --> 00:04:13,870
nice sir leftover spaghetti from last

85
00:04:10,870 --> 00:04:17,310
night and well i'm doing that i'll let

86

00:04:13,870 --> 00:04:17,310
you enjoy the skeptics am

87
00:04:28,408 --> 00:04:35,519
now it's time for dr. Rachel reports

88
00:04:31,778 --> 00:04:35,519
with dr. Rachel Dunlop

89
00:04:36,098 --> 00:04:40,759
hello lapels and welcome to dr. Reggie

90
00:04:38,809 --> 00:04:43,219
reports and this week we have a

91
00:04:40,759 --> 00:04:46,189
fantastic interview with Sonia Pemberton

92
00:04:43,218 --> 00:04:48,558
who has just finished the wonderful

93
00:04:46,189 --> 00:04:50,689
vaccination documentary jabbed which is

94
00:04:48,559 --> 00:04:53,179
airing this sunday on SBS at

95
00:04:50,689 --> 00:04:54,860
eight-thirty phone is on the line now

96
00:04:53,178 --> 00:04:58,308
from melbourne iphone you're welcome to

97
00:04:54,860 --> 00:05:01,009
the skeptic own hello dr. 18 lovely to

98
00:04:58,309 --> 00:05:03,199
be here you are lovely to talk to you

99
00:05:01,009 --> 00:05:05,360
now I suppose folk to you about this

100
00:05:03,199 --> 00:05:07,610

project about two years ago I think at a

101

00:05:05,360 --> 00:05:10,639

science communication in conference give

102

00:05:07,610 --> 00:05:12,619

us some idea of how much research and

103

00:05:10,639 --> 00:05:16,338

how much planning went into such a huge

104

00:05:12,619 --> 00:05:18,279

project such as jabbed well you're right

105

00:05:16,338 --> 00:05:22,459

i've started two and a half years ago

106

00:05:18,278 --> 00:05:27,800

and for one entire year I pretty much

107

00:05:22,459 --> 00:05:30,439

full time I spoke to the experts led the

108

00:05:27,800 --> 00:05:34,478

papers with the books spokes the

109

00:05:30,439 --> 00:05:36,979

families drowned in an absolute ocean of

110

00:05:34,478 --> 00:05:38,718

information and anybody who's looking to

111

00:05:36,978 --> 00:05:43,818

the vaccination issue would be very

112

00:05:38,718 --> 00:05:46,189

familiar with I spent the best part of

113

00:05:43,819 --> 00:05:49,158

that year just talking to people and

114

00:05:46,189 --> 00:05:50,689

trying to get my head around it to be

115
00:05:49,158 --> 00:05:52,278
honest you know my position when I

116
00:05:50,689 --> 00:05:55,610
started was that I was just an

117
00:05:52,278 --> 00:05:58,639
unquestioning vaccination supporter and

118
00:05:55,610 --> 00:06:00,829
I couldn't quite understand why my

119
00:05:58,639 --> 00:06:03,889
previous film catch encounter had been

120
00:06:00,829 --> 00:06:06,288
hit with some anti a vaccination and

121
00:06:03,889 --> 00:06:10,249
comments I didn't quite understand it

122
00:06:06,288 --> 00:06:13,009
and so it sparked this real quest to try

123
00:06:10,249 --> 00:06:15,229
and understand what was going on but

124
00:06:13,009 --> 00:06:17,419
part the way through I kind of drowns

125
00:06:15,228 --> 00:06:21,199
and really thought I can't do this it's

126
00:06:17,418 --> 00:06:23,299
just too complicated but luckily I had

127
00:06:21,199 --> 00:06:26,389
SBS behind me pushing saying we want to

128
00:06:23,300 --> 00:06:28,369
do this and I realized that I talked for

129
00:06:26,389 --> 00:06:30,740
enough families that I kind of owed it

130
00:06:28,369 --> 00:06:34,430
to them to try and get a more nuanced

131
00:06:30,740 --> 00:06:36,348
conversation happening no one year was

132
00:06:34,430 --> 00:06:38,809
sort of research reading talking and

133
00:06:36,348 --> 00:06:42,829
then I'm leaving finance and then a year

134
00:06:38,809 --> 00:06:45,259
making the film so with respect to the

135
00:06:42,829 --> 00:06:47,360
film it must have been huge in terms of

136
00:06:45,259 --> 00:06:49,430
logistics because you actually track

137
00:06:47,360 --> 00:06:51,500
sick people but also you

138
00:06:49,430 --> 00:06:53,900
outbreak from epidemics across the world

139
00:06:51,500 --> 00:06:56,360
so how do you logistically go about

140
00:06:53,899 --> 00:06:58,189
doing that well first of all I've got

141
00:06:56,360 --> 00:06:59,750
this lovely big knock on my wall and I

142
00:06:58,189 --> 00:07:02,120
have a cross plot of all the stories

143

00:06:59,750 --> 00:07:04,519
that we were wanting to follow we wanted

144
00:07:02,120 --> 00:07:07,459
to follow the measles epidemic in Europe

145
00:07:04,519 --> 00:07:09,799
because we knew there were enough cases

146
00:07:07,459 --> 00:07:11,810
out there to sort of qualify as a small

147
00:07:09,800 --> 00:07:13,629
epidemic but a significant outbreak

148
00:07:11,810 --> 00:07:15,889
action required to make it's an outbreak

149
00:07:13,629 --> 00:07:21,319
the media / they were calling an

150
00:07:15,889 --> 00:07:23,120
epidemic so we went to the UK and

151
00:07:21,319 --> 00:07:26,120
followed measles and then we followed

152
00:07:23,120 --> 00:07:28,009
that to the Ukraine because a million

153
00:07:26,120 --> 00:07:30,560
people were coming into the area for the

154
00:07:28,009 --> 00:07:32,539
football championships at a time which

155
00:07:30,560 --> 00:07:37,850
is a nice kind of interesting cross

156
00:07:32,540 --> 00:07:40,100
story I also knew I wanted to follow the

157
00:07:37,850 --> 00:07:42,170

whooping cough story and I had quite a

158

00:07:40,100 --> 00:07:43,520

lot of whooping cough stories differ so

159

00:07:42,170 --> 00:07:46,490

much anything cough in this country

160

00:07:43,519 --> 00:07:47,990

that's finding you a story that where

161

00:07:46,490 --> 00:07:51,620

the family were prepared to go on camera

162

00:07:47,990 --> 00:07:53,720

was even in to score but then we also

163

00:07:51,620 --> 00:07:57,110

wanted to the HPV story human

164

00:07:53,720 --> 00:07:59,000

papillomavirus story and because I had

165

00:07:57,110 --> 00:08:02,210

worked with professor ian fraser before

166

00:07:59,000 --> 00:08:05,720

with the Kachin cancer documentary we

167

00:08:02,209 --> 00:08:09,109

teed up taking that part of the story to

168

00:08:05,720 --> 00:08:10,430

be tone and of course across America we

169

00:08:09,110 --> 00:08:12,590

were just watching and listening and

170

00:08:10,430 --> 00:08:14,829

finding the stories but the point I

171

00:08:12,589 --> 00:08:19,879

really want to make and I know this is a

172
00:08:14,829 --> 00:08:22,159
kind of borderline heresy I guess but

173
00:08:19,879 --> 00:08:23,860
the Buddha will make is that the stories

174
00:08:22,160 --> 00:08:27,920
you know four of them the stories of

175
00:08:23,860 --> 00:08:30,470
severe vaccine-preventable diseases and

176
00:08:27,920 --> 00:08:34,940
tore them stories of vaccine adverse

177
00:08:30,470 --> 00:08:38,480
reactions although very nuanced and very

178
00:08:34,940 --> 00:08:40,910
very layered because I wanted to make it

179
00:08:38,480 --> 00:08:42,980
really clear that these vaccines were

180
00:08:40,909 --> 00:08:46,159
associated with but not necessarily in

181
00:08:42,980 --> 00:08:50,120
one case causal and to try and do that

182
00:08:46,159 --> 00:08:52,549
emotionally rather than with graphs and

183
00:08:50,120 --> 00:08:55,159
data if you like but to do it for

184
00:08:52,549 --> 00:08:57,709
emotional stories so I was very clear

185
00:08:55,159 --> 00:09:00,259
that that was a

186
00:08:57,710 --> 00:09:02,090
an interesting way to go but I really

187
00:09:00,259 --> 00:09:05,750
wanted to have a more nuanced

188
00:09:02,090 --> 00:09:07,190
exploration of the issues yeah I wanted

189
00:09:05,750 --> 00:09:09,200
to mention that because I think the way

190
00:09:07,190 --> 00:09:11,390
you treated the adverse events is it was

191
00:09:09,200 --> 00:09:12,910
incredibly sensitive and well done and

192
00:09:11,389 --> 00:09:14,779
incredibly interesting as well

193
00:09:12,909 --> 00:09:17,539
particularly because there's a lot of

194
00:09:14,779 --> 00:09:20,029
noise around adverse events so that

195
00:09:17,539 --> 00:09:23,059
people say responses of vaccinations are

196
00:09:20,029 --> 00:09:25,759
responsible how did you sort of I guess

197
00:09:23,059 --> 00:09:27,799
filter out what is really an adverse

198
00:09:25,759 --> 00:09:29,960
event and what is what people associated

199
00:09:27,799 --> 00:09:32,179
when it necessarily isn't you know what

200

00:09:29,960 --> 00:09:34,670
I mean yeah that's the million-dollar

201
00:09:32,179 --> 00:09:36,979
question look I'm not a scientist and

202
00:09:34,669 --> 00:09:41,449
I'm not a medical doctor I'm simply a

203
00:09:36,980 --> 00:09:43,550
filmmaker so I've got a very quick to

204
00:09:41,450 --> 00:09:46,340
say that I don't know what the truth is

205
00:09:43,549 --> 00:09:48,500
you know and and I have to seek

206
00:09:46,340 --> 00:09:52,700
information like anyone carefully and

207
00:09:48,500 --> 00:09:55,820
assist to a lot of rubbish the vast

208
00:09:52,700 --> 00:09:57,860
majority firstly I should say that part

209
00:09:55,820 --> 00:10:00,040
of my research was deliberately going

210
00:09:57,860 --> 00:10:02,539
into those places on the internet

211
00:10:00,039 --> 00:10:04,939
deliberately joining those communities

212
00:10:02,539 --> 00:10:07,759
in various shapes and forms and trying

213
00:10:04,940 --> 00:10:11,720
to understand really truly understand

214
00:10:07,759 --> 00:10:16,309

and I came to the conclusion that I

215

00:10:11,720 --> 00:10:18,259

can't really speak to the people who

216

00:10:16,309 --> 00:10:19,669

extreme in any direction really you know

217

00:10:18,259 --> 00:10:20,990

like what who I miss didn't talking to

218

00:10:19,669 --> 00:10:22,939

the people who just got concerns and

219

00:10:20,990 --> 00:10:24,830

worries and fears and I realized that

220

00:10:22,940 --> 00:10:26,960

really their voice wasn't represented

221

00:10:24,830 --> 00:10:30,080

out there on the internet a great deal

222

00:10:26,960 --> 00:10:33,860

there's a very very loud very fierce

223

00:10:30,080 --> 00:10:37,340

strong anti-vaccination lobby group and

224

00:10:33,860 --> 00:10:39,889

a very very loud pro vaccinations groups

225

00:10:37,340 --> 00:10:43,160

and and they're all equally kind of now

226

00:10:39,889 --> 00:10:45,350

the noisy not equally but there is still

227

00:10:43,159 --> 00:10:46,699

lower annuity so what wasn't happening

228

00:10:45,350 --> 00:10:49,129

with the people kind of in the middle

229
00:10:46,700 --> 00:10:51,140
who wanted accidental want to do some

230
00:10:49,129 --> 00:10:56,000
vaccines and have some questions or some

231
00:10:51,139 --> 00:10:58,490
concerns so I felt that to do that I had

232
00:10:56,000 --> 00:11:01,039
to go down the rabbit hole if you like

233
00:10:58,490 --> 00:11:03,769
of following these stories of adverse

234
00:11:01,039 --> 00:11:06,049
reactions and trying to find some that

235
00:11:03,769 --> 00:11:08,990
had some gave us an insight into the

236
00:11:06,049 --> 00:11:11,059
bigger vaccine problem and by problem I

237
00:11:08,990 --> 00:11:11,450
mean how do we resolve what's true and

238
00:11:11,059 --> 00:11:14,569
what

239
00:11:11,450 --> 00:11:17,420
not true so I followed the science in a

240
00:11:14,570 --> 00:11:21,050
nutshell I followed stories where

241
00:11:17,419 --> 00:11:23,479
firstly the people gave their names that

242
00:11:21,049 --> 00:11:25,429
helps so you cheering them up and

243
00:11:23,480 --> 00:11:27,980
contact them and they let me talk to

244
00:11:25,429 --> 00:11:30,049
their doctors that was important I had

245
00:11:27,980 --> 00:11:32,420
to see the medical reports I had to see

246
00:11:30,049 --> 00:11:34,009
that you know this child really did have

247
00:11:32,419 --> 00:11:37,449
this thing happened within this time

248
00:11:34,009 --> 00:11:40,009
time I had to find out how far they were

249
00:11:37,450 --> 00:11:41,930
investigated and of course they are

250
00:11:40,009 --> 00:11:43,220
investigated there's no question you

251
00:11:41,929 --> 00:11:45,139
know there's a vast amount of

252
00:11:43,220 --> 00:11:48,080
investigation going on into vaccine

253
00:11:45,139 --> 00:11:53,149
adverse events or venting reactions as i

254
00:11:48,080 --> 00:11:54,680
like to call them so i filtered through

255
00:11:53,149 --> 00:11:59,840
the ones where I just couldn't track

256
00:11:54,679 --> 00:12:02,179
back anything sexual and then looked at

257

00:11:59,840 --> 00:12:03,710
the selection i had from around the

258
00:12:02,179 --> 00:12:06,799
world which weren't that many because of

259
00:12:03,710 --> 00:12:12,620
the honest truth is these adverse

260
00:12:06,799 --> 00:12:14,719
reactions the serious ones are rare and

261
00:12:12,620 --> 00:12:16,879
they're very rare that the parents want

262
00:12:14,720 --> 00:12:22,100
to talk you know because they're private

263
00:12:16,879 --> 00:12:23,720
about things so finding a very rare

264
00:12:22,100 --> 00:12:24,860
event anyways difficult you know

265
00:12:23,720 --> 00:12:27,019
inviting a rare event where people

266
00:12:24,860 --> 00:12:29,300
prepare to be on television was kind of

267
00:12:27,019 --> 00:12:32,559
interesting and I had to win people's

268
00:12:29,299 --> 00:12:35,259
trust to do that but I was absolutely

269
00:12:32,559 --> 00:12:39,069
overwhelmed at various stages with the

270
00:12:35,259 --> 00:12:42,350
unverifiable reports I had announced

271
00:12:39,070 --> 00:12:46,610

literally I'm not kidding you I probably

272

00:12:42,350 --> 00:12:50,000

would have read over a thousand and I

273

00:12:46,610 --> 00:12:51,950

kept saying please give me your contact

274

00:12:50,000 --> 00:12:54,169

details please let me see you know

275

00:12:51,950 --> 00:12:58,150

please let me find out how this works

276

00:12:54,169 --> 00:13:01,189

what happened and most of the time I

277

00:12:58,149 --> 00:13:03,559

didn't get anything I could actually go

278

00:13:01,190 --> 00:13:07,340

through on so though it's frustrating

279

00:13:03,559 --> 00:13:09,799

because I was trying my best to actually

280

00:13:07,340 --> 00:13:11,570

listen because once things I discovered

281

00:13:09,799 --> 00:13:15,409

in this two and a half year journey is

282

00:13:11,570 --> 00:13:17,510

you have to listen to the stories some

283

00:13:15,409 --> 00:13:19,459

of those stories have signals if you

284

00:13:17,509 --> 00:13:22,069

like they are signals of an underlying

285

00:13:19,460 --> 00:13:24,259

problem and that's why we go into the

286
00:13:22,070 --> 00:13:25,260
polio story with John Fowler mine and

287
00:13:24,259 --> 00:13:29,289
his Sunday

288
00:13:25,259 --> 00:13:31,028
because it was an extremely rare event

289
00:13:29,289 --> 00:13:33,459
what happened to his son and you can see

290
00:13:31,028 --> 00:13:35,830
this in the film but his son acquired

291
00:13:33,460 --> 00:13:38,680
the disease from the live form of the

292
00:13:35,830 --> 00:13:40,600
vaccine no this is between one in a

293
00:13:38,679 --> 00:13:41,979
million or 1 and 2.4 million depending

294
00:13:40,600 --> 00:13:45,210
on where you like to get your thoughts

295
00:13:41,980 --> 00:13:48,789
from but it's an extremely rare event

296
00:13:45,210 --> 00:13:50,860
but what he did was he he followed the

297
00:13:48,789 --> 00:13:53,559
signs and the pathways of how that

298
00:13:50,860 --> 00:13:57,339
happened and it was acknowledged in the

299
00:13:53,559 --> 00:13:59,469
science was understood and so he then

300
00:13:57,339 --> 00:14:02,589
worked hard to change the vaccine to a

301
00:13:59,470 --> 00:14:05,620
better vaccine now that to me is good

302
00:14:02,589 --> 00:14:09,690
activism that's apparent reporting an

303
00:14:05,620 --> 00:14:11,769
adverse reaction and acting on it and

304
00:14:09,690 --> 00:14:15,279
trying to make the world a better place

305
00:14:11,769 --> 00:14:19,028
for everyone but extraordinarily he's

306
00:14:15,278 --> 00:14:21,189
not anti-vaccine I know it was gonna lie

307
00:14:19,028 --> 00:14:23,049
about that so amazing they're still very

308
00:14:21,190 --> 00:14:25,960
much in support of vaccination because

309
00:14:23,049 --> 00:14:28,389
they saw what that disease that affected

310
00:14:25,960 --> 00:14:30,160
had on their side absolutely and the

311
00:14:28,389 --> 00:14:31,929
young boy is also in the film look

312
00:14:30,159 --> 00:14:35,819
filled room who was on front page of the

313
00:14:31,929 --> 00:14:38,620
age in Australia today he's family I

314

00:14:35,820 --> 00:14:40,720
have an extraordinary story of a vaccine

315
00:14:38,620 --> 00:14:44,409
reaction and Sonny are not auntie

316
00:14:40,720 --> 00:14:48,129
vaccine it's remarkable they you know

317
00:14:44,409 --> 00:14:51,299
they realize that then surprise for

318
00:14:48,129 --> 00:14:54,278
Public Health and nobody wants to be it

319
00:14:51,299 --> 00:14:56,559
of course and for that one in a million

320
00:14:54,278 --> 00:14:58,360
a one and 2.4 loon or whatever the stats

321
00:14:56,559 --> 00:15:01,689
for the various vaccines are different

322
00:14:58,360 --> 00:15:05,980
but whatever when it happens to the

323
00:15:01,690 --> 00:15:09,220
individual its catastrophic but English

324
00:15:05,980 --> 00:15:11,080
world of individualism and championing

325
00:15:09,220 --> 00:15:14,259
the rights of each and every one of us

326
00:15:11,080 --> 00:15:16,509
individuals these people remind us that

327
00:15:14,259 --> 00:15:19,120
the values of the community and the

328
00:15:16,509 --> 00:15:23,708

rights of the community are also really

329

00:15:19,120 --> 00:15:25,450

important and I find him here yeah I

330

00:15:23,708 --> 00:15:27,639

mean I think I thought that was one of

331

00:15:25,450 --> 00:15:29,470

the strongest part of the film was

332

00:15:27,639 --> 00:15:31,899

looked at was talking to those parents

333

00:15:29,470 --> 00:15:34,029

who hadn't been through an adverse

334

00:15:31,899 --> 00:15:36,779

reaction that still supported

335

00:15:34,029 --> 00:15:38,649

vaccinations are really incredibly

336

00:15:36,779 --> 00:15:41,078

powerful

337

00:15:38,649 --> 00:15:44,078

so as part of as part of jabs you're

338

00:15:41,078 --> 00:15:46,479

also have also done a survey some of the

339

00:15:44,078 --> 00:15:49,058

results were published this morning you

340

00:15:46,480 --> 00:15:50,649

spoke to 400 parents of which

341

00:15:49,058 --> 00:15:53,110

fifty-three percent said they had

342

00:15:50,649 --> 00:15:55,600

general concerns about the safety of

343
00:15:53,110 --> 00:15:57,339
vaccines in general but forty five

344
00:15:55,600 --> 00:16:00,819
percent still decided to vaccinate

345
00:15:57,339 --> 00:16:02,079
anyway eight percent just wouldn't but

346
00:16:00,818 --> 00:16:03,849
what do you what were some of the

347
00:16:02,078 --> 00:16:08,019
factors that contributed to their fears

348
00:16:03,850 --> 00:16:10,209
about machines well this was a modest

349
00:16:08,019 --> 00:16:11,948
survey Emily we're a television company

350
00:16:10,208 --> 00:16:13,838
we're not a scientific institution

351
00:16:11,948 --> 00:16:17,799
that's run a great big study so i want

352
00:16:13,839 --> 00:16:21,459
to quickly say this and the total sample

353
00:16:17,799 --> 00:16:26,528
group with 1,300 people but yeah but 450

354
00:16:21,458 --> 00:16:29,799
odds were armed Terrence what we see as

355
00:16:26,528 --> 00:16:31,688
an indication here the convention things

356
00:16:29,799 --> 00:16:33,490
one that the younger you are the more

357
00:16:31,688 --> 00:16:35,169
likely you are to have concerns around

358
00:16:33,490 --> 00:16:40,119
the vaccine the grandparents had the

359
00:16:35,169 --> 00:16:42,278
Leafs concerns that younger people of

360
00:16:40,119 --> 00:16:43,990
course which is so self-evident no I

361
00:16:42,278 --> 00:16:47,948
likely to go to the internet for

362
00:16:43,990 --> 00:16:50,169
information and interestingly the

363
00:16:47,948 --> 00:16:52,088
internet proved to be the source of

364
00:16:50,169 --> 00:16:54,248
information for about fifty percent of

365
00:16:52,089 --> 00:16:56,610
people who choose not to vaccinate and

366
00:16:54,249 --> 00:16:58,990
whereas people who do support

367
00:16:56,610 --> 00:17:01,899
vaccination got the vast majority their

368
00:16:58,990 --> 00:17:03,698
information from the GP now this is kind

369
00:17:01,899 --> 00:17:06,338
of self-evident but I think what the

370
00:17:03,698 --> 00:17:08,528
message it has for us is that we must

371

00:17:06,338 --> 00:17:10,599
not underestimate the information on the

372
00:17:08,528 --> 00:17:12,730
internet and it needs to be dealt with

373
00:17:10,599 --> 00:17:15,038
and it needs to be explored and the

374
00:17:12,730 --> 00:17:18,068
concerns need to be listened to and

375
00:17:15,038 --> 00:17:20,379
likewise the role of the GP and the

376
00:17:18,068 --> 00:17:23,259
health care practitioner is vitally

377
00:17:20,380 --> 00:17:26,620
important and one of the most common

378
00:17:23,259 --> 00:17:28,898
criticisms I think I heard talking to

379
00:17:26,619 --> 00:17:32,048
families who were nervous about vaccines

380
00:17:28,898 --> 00:17:34,569
or selective or delay in vaccines was

381
00:17:32,048 --> 00:17:37,359
that they felt their GP didn't listen to

382
00:17:34,569 --> 00:17:39,278
them that their health care practitioner

383
00:17:37,359 --> 00:17:42,459
was arrogant and basically said take

384
00:17:39,278 --> 00:17:44,528
this is good for you and I'm not admit

385
00:17:42,460 --> 00:17:46,390

I've seen this over and over and over

386

00:17:44,528 --> 00:17:48,480
again every country we went to the

387

00:17:46,390 --> 00:17:51,399
medical fraternity basically saying

388

00:17:48,480 --> 00:17:52,419
don't do it because we say so and the

389

00:17:51,398 --> 00:17:54,878
world is changing

390

00:17:52,419 --> 00:17:56,619
you can't you can't do that anymore you

391

00:17:54,878 --> 00:17:58,928
actually have to listen to people's

392

00:17:56,618 --> 00:18:01,599
concerns and you have to answer them as

393

00:17:58,929 --> 00:18:03,970
best as you can and I think that's

394

00:18:01,599 --> 00:18:05,648
reflected in our survey and at the

395

00:18:03,970 --> 00:18:07,389
moment mean the vaccination rate is so

396

00:18:05,648 --> 00:18:09,729
strong in this country so we have not

397

00:18:07,388 --> 00:18:11,858
got a problem I mean since the challenge

398

00:18:09,730 --> 00:18:13,599
of making this film I mean I didn't want

399

00:18:11,858 --> 00:18:16,118
to because up until we have a mighty

400
00:18:13,599 --> 00:18:17,980
problem around vaccines you know we

401
00:18:16,118 --> 00:18:21,009
don't we've got nineteen ninety-three

402
00:18:17,980 --> 00:18:23,108
percent of Australians vaccinating round

403
00:18:21,009 --> 00:18:26,079
about two percent you're choosing not to

404
00:18:23,108 --> 00:18:29,888
an eight percent that do selective or

405
00:18:26,079 --> 00:18:32,048
delaying or anything like 10 percent but

406
00:18:29,888 --> 00:18:34,209
the bit that interests me is the fifty

407
00:18:32,048 --> 00:18:37,028
three percent that said they had some

408
00:18:34,210 --> 00:18:39,608
concerns and some of those concerns a

409
00:18:37,028 --> 00:18:41,888
really mine are vast majority are pain

410
00:18:39,608 --> 00:18:44,949
at the injection site distress to the

411
00:18:41,888 --> 00:18:48,189
child worried about how many vaccines

412
00:18:44,950 --> 00:18:52,090
through to the classic the big one

413
00:18:48,190 --> 00:18:55,659
autism and other things like gun

414
00:18:52,089 --> 00:18:57,999
seizures and and and fevers so the range

415
00:18:55,659 --> 00:18:59,259
of concerns were significant what I

416
00:18:57,999 --> 00:19:02,200
thought was really interesting though is

417
00:18:59,259 --> 00:19:05,230
the autism concerned didn't come up as a

418
00:19:02,200 --> 00:19:09,429
gigantic concern but it came up with the

419
00:19:05,230 --> 00:19:12,339
area of most confusion well people will

420
00:19:09,429 --> 00:19:15,149
put put do not know against the autism

421
00:19:12,339 --> 00:19:18,189
questions far more often than any other

422
00:19:15,148 --> 00:19:21,069
errand in concern and I think what that

423
00:19:18,190 --> 00:19:24,070
tells us is that there's more work to be

424
00:19:21,069 --> 00:19:26,678
done we need to keep reminding people

425
00:19:24,069 --> 00:19:28,210
that the surveys so the studies have

426
00:19:26,679 --> 00:19:31,929
been done the major studies have been

427
00:19:28,210 --> 00:19:36,489
done that over and over again show that

428

00:19:31,929 --> 00:19:39,759
this link is not in any way supported by

429
00:19:36,489 --> 00:19:42,100
hard evidence and that the situation

430
00:19:39,759 --> 00:19:44,589
behind autism is going to be far more

431
00:19:42,099 --> 00:19:48,459
conflict for mostly genetic and you know

432
00:19:44,589 --> 00:19:50,648
and as one of our great characters in

433
00:19:48,460 --> 00:19:54,100
the film in depth of Ingrid surfaces you

434
00:19:50,648 --> 00:19:56,469
know there may be some involvement in

435
00:19:54,099 --> 00:19:58,569
vaccines in a small proportion of cases

436
00:19:56,470 --> 00:20:00,879
but if that's the case we haven't

437
00:19:58,569 --> 00:20:02,710
figured out what's going on yet and the

438
00:20:00,878 --> 00:20:05,469
vast majority it's obviously connected

439
00:20:02,710 --> 00:20:06,250
so we've got a lot more questions that

440
00:20:05,470 --> 00:20:08,890
we need to

441
00:20:06,250 --> 00:20:11,890
the answering there and that means a and

442
00:20:08,890 --> 00:20:13,960

the film both kind of point to can we

443

00:20:11,890 --> 00:20:16,990

not pretend that everything's done and

444

00:20:13,960 --> 00:20:19,210

dusted you know there are questions the

445

00:20:16,990 --> 00:20:21,160

overwhelming and overloading evidence

446

00:20:19,210 --> 00:20:23,829

says vaccines are better than the

447

00:20:21,160 --> 00:20:26,259

alternative which is the disease no

448

00:20:23,829 --> 00:20:29,529

question but can we do better with the

449

00:20:26,259 --> 00:20:31,660

vaccines of course do we know everything

450

00:20:29,529 --> 00:20:33,460

about how our immune systems work well

451

00:20:31,660 --> 00:20:36,310

one of the very first people I spoke to

452

00:20:33,460 --> 00:20:38,380

is Professor on peer ability Nobel Prize

453

00:20:36,309 --> 00:20:40,299

want to no less and he said Sonia we're

454

00:20:38,380 --> 00:20:42,760

only beginning to really understand the

455

00:20:40,299 --> 00:20:44,799

immune system so please you know set off

456

00:20:42,759 --> 00:20:47,680

on your journey on this film yet the

457
00:20:44,799 --> 00:20:49,930
knowledge that you've always got places

458
00:20:47,680 --> 00:20:52,360
to travel to an information we need to

459
00:20:49,930 --> 00:20:54,910
gather and I guess that's that's

460
00:20:52,359 --> 00:20:58,029
something I've tried to bring to this

461
00:20:54,910 --> 00:21:02,470
that I'm not offering the truth whatever

462
00:20:58,029 --> 00:21:05,230
that may be about vaccines I'm saying in

463
00:21:02,470 --> 00:21:09,430
a complex world with a complex decision

464
00:21:05,230 --> 00:21:12,880
to make you have to assess risk and the

465
00:21:09,430 --> 00:21:15,480
bottom line is where it makes perfect

466
00:21:12,880 --> 00:21:19,630
sense to be scared of the diseases and

467
00:21:15,480 --> 00:21:22,599
scared of the vaccines okay that's not

468
00:21:19,630 --> 00:21:25,360
only have a normal thing but when you

469
00:21:22,599 --> 00:21:27,669
look at the evidence the fear under

470
00:21:25,359 --> 00:21:30,490
diseases is far more warranted and far

471
00:21:27,670 --> 00:21:33,610
more real and far more likely to impact

472
00:21:30,490 --> 00:21:35,230
tube then the miniscule chance of

473
00:21:33,609 --> 00:21:37,990
something happening when the vaccine I

474
00:21:35,230 --> 00:21:41,170
think one of the most powerful scenes

475
00:21:37,990 --> 00:21:44,769
with that scene was with dr. Paul Offit

476
00:21:41,170 --> 00:21:47,200
are rolling out the iron lung and it

477
00:21:44,769 --> 00:21:48,609
seems now that I guess and you mentioned

478
00:21:47,200 --> 00:21:50,170
is in the film that vaccines are a

479
00:21:48,609 --> 00:21:52,689
victim of their own success in that we

480
00:21:50,170 --> 00:21:54,940
don't see these diseases anymore so we

481
00:21:52,690 --> 00:21:57,460
elevate the threat from the risk of the

482
00:21:54,940 --> 00:22:00,610
adverse event as opposed to be you know

483
00:21:57,460 --> 00:22:04,029
side effect of the disease yeah do you

484
00:22:00,609 --> 00:22:06,429
think that's a problem yeah I think that

485

00:22:04,029 --> 00:22:08,829
that's a delicate dance with we've got

486
00:22:06,430 --> 00:22:12,610
to try and find at the moment because if

487
00:22:08,829 --> 00:22:14,230
we are to fight into the vaccines will

488
00:22:12,609 --> 00:22:15,639
forget to be frightened at the disease

489
00:22:14,230 --> 00:22:16,839
and that's one of the reasons why the

490
00:22:15,640 --> 00:22:19,480
film

491
00:22:16,839 --> 00:22:21,579
it's been called brutal by some and I

492
00:22:19,480 --> 00:22:24,519
guess it is brutal in some ways because

493
00:22:21,579 --> 00:22:29,589
I wanted to really hit hard that these

494
00:22:24,519 --> 00:22:32,619
diseases are not to be at excuse a

495
00:22:29,589 --> 00:22:34,959
terrible pun but um but you know these

496
00:22:32,619 --> 00:22:38,019
diseases are real and frightening and

497
00:22:34,960 --> 00:22:40,720
can be devastating so we ignore the

498
00:22:38,019 --> 00:22:42,460
diseases that uphill it would become

499
00:22:40,720 --> 00:22:44,319

overly focused on the fear of the

500

00:22:42,460 --> 00:22:47,048

vaccines we're losing the point from

501

00:22:44,319 --> 00:22:49,928

missing the point well yeah the big

502

00:22:47,048 --> 00:22:51,668

thing is that we've got to keep talking

503

00:22:49,929 --> 00:22:53,919

you know one of the things that makes me

504

00:22:51,669 --> 00:22:57,190

nervous is when we shut down the people

505

00:22:53,919 --> 00:23:00,970

who have concerns when we immediately

506

00:22:57,190 --> 00:23:02,950

say oh they must be anti-vaccine and

507

00:23:00,970 --> 00:23:06,278

what I discovered in the last two and a

508

00:23:02,950 --> 00:23:08,470

half years is that I sit with groups of

509

00:23:06,278 --> 00:23:10,960

mums and dads particularly mums and I

510

00:23:08,470 --> 00:23:12,640

did this on the weekend actually and in

511

00:23:10,960 --> 00:23:15,730

the group will be one more matter if

512

00:23:12,640 --> 00:23:18,070

they can who will have a question about

513

00:23:15,730 --> 00:23:19,720

their scared about this vaccine or that

514
00:23:18,069 --> 00:23:22,058
vaccine and perhaps they've delayed it

515
00:23:19,720 --> 00:23:24,700
and haven't done it yet and the rest of

516
00:23:22,058 --> 00:23:26,528
the month turn on them and and hit them

517
00:23:24,700 --> 00:23:29,080
you know with a ton of concrete

518
00:23:26,528 --> 00:23:30,609
basically and that person will kind of

519
00:23:29,079 --> 00:23:32,500
shrink and disappear off into the

520
00:23:30,609 --> 00:23:34,240
background and what I need was I said

521
00:23:32,500 --> 00:23:36,849
scuze me can tell me why why you've

522
00:23:34,240 --> 00:23:38,470
hesitated grandis vaccine and turned out

523
00:23:36,849 --> 00:23:40,750
she had this complicated story about

524
00:23:38,470 --> 00:23:42,278
having a premature baby and the baby had

525
00:23:40,750 --> 00:23:44,619
all sorts of complications from being

526
00:23:42,278 --> 00:23:46,960
friend and actually she had every right

527
00:23:44,619 --> 00:23:49,629
to be nervous and when the list of the

528
00:23:46,960 --> 00:23:52,329
group listen to her they softened and

529
00:23:49,630 --> 00:23:53,950
brought her into the group and the woman

530
00:23:52,329 --> 00:23:56,648
was giving far more comfortable about

531
00:23:53,950 --> 00:23:58,240
talking about leg sense and I think

532
00:23:56,648 --> 00:24:01,209
there's a little message in that for all

533
00:23:58,240 --> 00:24:03,159
of us but just because someone has

534
00:24:01,210 --> 00:24:05,850
questions doesn't mean that they are

535
00:24:03,159 --> 00:24:08,559
against vaccines or pose two vaccines

536
00:24:05,849 --> 00:24:10,148
I've found a very short quick way of

537
00:24:08,558 --> 00:24:13,418
finding out if someone is actually

538
00:24:10,148 --> 00:24:15,219
hesitant or opposed and when they say to

539
00:24:13,419 --> 00:24:16,840
me I'm not anti-vaccine I've just got

540
00:24:15,220 --> 00:24:18,548
questions and I go great don't tell me

541
00:24:16,839 --> 00:24:20,470
what are your questions and they tell me

542

00:24:18,548 --> 00:24:22,929
the question and then I say so which

543
00:24:20,470 --> 00:24:24,819
vaccines would you like to use which

544
00:24:22,929 --> 00:24:27,460
diseases would you like to be protected

545
00:24:24,819 --> 00:24:28,928
from using the vaccines and usually

546
00:24:27,460 --> 00:24:30,460
people will say things oh I definitely

547
00:24:28,929 --> 00:24:32,230
want the polio

548
00:24:30,460 --> 00:24:34,360
I want the tetanus and I want this one

549
00:24:32,230 --> 00:24:36,370
but I'm not so sure about that one and

550
00:24:34,359 --> 00:24:37,750
once you start that conversation then

551
00:24:36,369 --> 00:24:39,849
you realize they're not against a

552
00:24:37,750 --> 00:24:42,250
vaccination they've got things that they

553
00:24:39,849 --> 00:24:46,539
need answered but Mum people will

554
00:24:42,250 --> 00:24:48,309
quickly say none they don't want any of

555
00:24:46,539 --> 00:24:50,349
the vaccines and then you've got on your

556
00:24:48,309 --> 00:24:52,450

hey well I'm sorry this is a

557

00:24:50,349 --> 00:24:53,740
conversation I don't think we're

558

00:24:52,450 --> 00:24:56,110
actually having a conversation I think

559

00:24:53,740 --> 00:24:57,880
you've got your position and obviously

560

00:24:56,109 --> 00:25:00,099
I've got mine and I'm not sure we're

561

00:24:57,880 --> 00:25:01,600
going to find common ground i'm going to

562

00:25:00,099 --> 00:25:05,349
try really hard to find common ground

563

00:25:01,599 --> 00:25:07,449
but i'm not sure it's there so I mean

564

00:25:05,349 --> 00:25:09,369
this the idea that there's quite a few

565

00:25:07,450 --> 00:25:12,220
parents on the fence if you like or if

566

00:25:09,369 --> 00:25:14,319
you are confused do you hope that the

567

00:25:12,220 --> 00:25:19,319
conversation that gets started by jabbed

568

00:25:14,319 --> 00:25:21,549
will allow some of their fears I hope so

569

00:25:19,319 --> 00:25:24,250
I've been do we done quite a lot of

570

00:25:21,549 --> 00:25:28,210
audience testing at the end of the the

571
00:25:24,250 --> 00:25:30,819
film and what we find that happens is

572
00:25:28,210 --> 00:25:34,059
most people who are in support of

573
00:25:30,819 --> 00:25:36,669
vaccinations feel affirmed that they

574
00:25:34,059 --> 00:25:38,259
feel like they understand yep the risk

575
00:25:36,670 --> 00:25:41,289
of the disease disease is important

576
00:25:38,259 --> 00:25:43,329
carry on the people who are hesitant the

577
00:25:41,289 --> 00:25:45,490
most common thing I get is I think I

578
00:25:43,329 --> 00:25:48,839
need to go and talk to my my doctor or

579
00:25:45,490 --> 00:25:51,430
my immunization nurse and that's great

580
00:25:48,839 --> 00:25:53,949
interestingly we screened it to groups

581
00:25:51,430 --> 00:25:56,650
of people who have chosen not to have

582
00:25:53,950 --> 00:25:59,710
vaccines and I've had a range of

583
00:25:56,650 --> 00:26:02,080
responses 1 which was really profound

584
00:25:59,710 --> 00:26:03,519
was from one gentleman he said to me we

585
00:26:02,079 --> 00:26:06,129
made our decision not to vaccinate our

586
00:26:03,519 --> 00:26:07,900
children 20 years ago and I've realized

587
00:26:06,130 --> 00:26:10,060
that I've forgotten to tell my children

588
00:26:07,900 --> 00:26:12,130
that they're not vaccinated and they're

589
00:26:10,059 --> 00:26:13,629
about to go traveling Europe and about I

590
00:26:12,130 --> 00:26:16,270
need to tell them so they can make their

591
00:26:13,630 --> 00:26:18,760
own decisions and I thought thank you

592
00:26:16,269 --> 00:26:22,900
that's that's the beginning of a really

593
00:26:18,759 --> 00:26:26,769
useful conversation he's not going to

594
00:26:22,900 --> 00:26:30,100
change his mind but he is reminded of

595
00:26:26,769 --> 00:26:32,109
the threat of the diseases and that his

596
00:26:30,099 --> 00:26:34,149
kids are now early 20s it's time for

597
00:26:32,109 --> 00:26:37,269
them to make their own decisions around

598
00:26:34,150 --> 00:26:40,030
that and personally you know that that

599

00:26:37,269 --> 00:26:43,599
that's all I can try and do is start the

600
00:26:40,029 --> 00:26:44,230
conversation yeah well I have been

601
00:26:43,599 --> 00:26:45,849
fortunate

602
00:26:44,230 --> 00:26:48,190
to see a preview of jabbed and I was

603
00:26:45,849 --> 00:26:50,859
incredibly impressed and I teared up in

604
00:26:48,190 --> 00:26:53,769
part of it as well Sonya so I think it's

605
00:26:50,859 --> 00:26:56,529
um you've managed to get the emotive

606
00:26:53,769 --> 00:26:58,509
side over but also the fireside so it's

607
00:26:56,529 --> 00:27:01,058
accurate and it's a motive I think the

608
00:26:58,509 --> 00:27:03,339
message is very strong so everyone

609
00:27:01,058 --> 00:27:05,410
should tune in on Sunday on SBS at

610
00:27:03,339 --> 00:27:08,139
eight-thirty and are you doing any

611
00:27:05,410 --> 00:27:11,610
interactive stuff while it's on we don't

612
00:27:08,140 --> 00:27:16,210
get over armed absolutely the hashtag is

613
00:27:11,609 --> 00:27:18,189

hashtag jabs SBS so you can tweet

614

00:27:16,210 --> 00:27:22,058
throughout and they'll be a chat

615

00:27:18,190 --> 00:27:24,009
afterwards and we have jab TV the

616

00:27:22,058 --> 00:27:27,009
facebook site and people be commenting

617

00:27:24,009 --> 00:27:29,500
there and on the SBS website they're

618

00:27:27,009 --> 00:27:31,029
hosting the word decide there's a

619

00:27:29,500 --> 00:27:34,319
conversation and that the chat area

620

00:27:31,029 --> 00:27:37,269
there I would love people who are

621

00:27:34,319 --> 00:27:39,428
interested in engaging to get involved

622

00:27:37,269 --> 00:27:41,679
because it'd be nice to try and break

623

00:27:39,429 --> 00:27:44,259
out of the usual kind of shouting match

624

00:27:41,679 --> 00:27:46,570
I'm not sure that's possible but it'd be

625

00:27:44,259 --> 00:27:48,339
really nice just to kind of try this

626

00:27:46,569 --> 00:27:50,409
thing of it to each other and see what

627

00:27:48,339 --> 00:27:52,539
happens but then we're definitely taking

628
00:27:50,410 --> 00:27:54,370
Q&A after the show with well for a

629
00:27:52,539 --> 00:27:55,599
couple of hours after the show so just

630
00:27:54,369 --> 00:27:57,339
finally Sonia where can our

631
00:27:55,599 --> 00:27:59,459
international business see job will it

632
00:27:57,339 --> 00:28:04,359
be released across the world at any time

633
00:27:59,460 --> 00:28:06,669
yes PBS are going to release it across

634
00:28:04,359 --> 00:28:10,029
the u.s. towards the end of the year

635
00:28:06,669 --> 00:28:12,970
we're reshooting some sequences to make

636
00:28:10,029 --> 00:28:15,548
them more American and more sex to the

637
00:28:12,970 --> 00:28:17,110
american issues that's happening at the

638
00:28:15,548 --> 00:28:18,389
moment we're filming actually literally

639
00:28:17,109 --> 00:28:20,918
at the moment it's happening right now

640
00:28:18,390 --> 00:28:22,809
we're filming a baby with whooping cough

641
00:28:20,919 --> 00:28:24,340
on an ECMO machine on a heart-lung

642
00:28:22,808 --> 00:28:26,230
transplant machine so to be

643
00:28:24,339 --> 00:28:28,449
extraordinary for watching that footage

644
00:28:26,230 --> 00:28:30,519
comes through every night for the rest

645
00:28:28,450 --> 00:28:33,840
of the world various broadcasters are

646
00:28:30,519 --> 00:28:37,210
picking it up at the moment please lobby

647
00:28:33,839 --> 00:28:40,480
the BBC channel 4 channel 5 the UK have

648
00:28:37,210 --> 00:28:42,730
not yet decided who's taking it we would

649
00:28:40,480 --> 00:28:44,200
love to see it on one of those networks

650
00:28:42,730 --> 00:28:46,960
and it's being released across Europe

651
00:28:44,200 --> 00:28:49,630
through arte and we'll post it on our

652
00:28:46,960 --> 00:28:51,789
gene pool website as gene pool

653
00:28:49,630 --> 00:28:53,110
productions and we'll post where it's

654
00:28:51,789 --> 00:28:56,589
going people east around the world as it

655
00:28:53,109 --> 00:28:58,089
comes fantastic what's on your I just

656

00:28:56,589 --> 00:28:59,678
want to say congratulations

657
00:28:58,089 --> 00:29:01,658
and I'm sure a lot of our listeners will

658
00:28:59,679 --> 00:29:03,130
also agree that it's fantastic

659
00:29:01,659 --> 00:29:05,020
documentary and thanks for taking the

660
00:29:03,130 --> 00:29:06,340
time to talk to us today thank you so

661
00:29:05,019 --> 00:29:17,589
much for giving me the opportunity I

662
00:29:06,339 --> 00:29:19,928
really appreciate it hi this is Tim

663
00:29:17,589 --> 00:29:22,839
barley you probably know me from what's

664
00:29:19,929 --> 00:29:25,028
the harm net a catalog of the real world

665
00:29:22,839 --> 00:29:28,750
harm caused by lack of critical thinking

666
00:29:25,028 --> 00:29:31,960
but that's not my only project i present

667
00:29:28,750 --> 00:29:34,240
at skeptic events I post a daily skeptic

668
00:29:31,960 --> 00:29:37,058
history fact on Twitter and Facebook and

669
00:29:34,240 --> 00:29:40,149
I blog about using new techniques on the

670
00:29:37,058 --> 00:29:43,509

internet to advance skepticism come over

671

00:29:40,148 --> 00:29:46,778

to skip tools com and check out my

672

00:29:43,509 --> 00:29:49,679

latest ideas but first enjoy the rest of

673

00:29:46,778 --> 00:29:49,679

the skeptic zone

674

00:30:05,230 --> 00:30:13,360

alone from the mind-body-spirit festival

675

00:30:09,460 --> 00:30:15,950

2013 in maine sydney a very noisy

676

00:30:13,359 --> 00:30:17,629

mind-body-spirit festival rows and rows

677

00:30:15,950 --> 00:30:20,090

here at the convention center little

678

00:30:17,630 --> 00:30:23,330

stalls selling lots of things let me see

679

00:30:20,089 --> 00:30:29,178

i'm passing anti-aging i'm passing life

680

00:30:23,329 --> 00:30:33,839

blood analysis clairvoyant medium stand

681

00:30:29,179 --> 00:30:38,090

yo girl herbs and spices dr. pens pain

682

00:30:33,839 --> 00:30:42,359

relief copies pure beeswax candles your

683

00:30:38,089 --> 00:30:44,548

personal horoscope here and now with

684

00:30:42,359 --> 00:30:48,709

equinox astrology human awareness

685
00:30:44,548 --> 00:30:53,220
Institute Aquarian pearls ketonic

686
00:30:48,710 --> 00:30:57,240
iridology Singh bold it goes on and on

687
00:30:53,220 --> 00:30:59,430
at the end of this Avenue I'm walking

688
00:30:57,240 --> 00:31:01,710
down now

689
00:30:59,430 --> 00:31:06,450
as you can hear it seems do something

690
00:31:01,710 --> 00:31:08,940
happening on stage very loud well so we

691
00:31:06,450 --> 00:31:11,910
got here ginger drink so they can't be

692
00:31:08,940 --> 00:31:15,090
too bad animal talk animal whisperer I

693
00:31:11,910 --> 00:31:16,380
like to whisper to my animals let's see

694
00:31:15,089 --> 00:31:18,949
what's going out the end of this little

695
00:31:16,380 --> 00:31:18,950
corridor here

696
00:31:32,278 --> 00:31:41,069
what is it about the New Age drumming is

697
00:31:36,219 --> 00:31:45,429
it because thumbs are easy to play about

698
00:31:41,069 --> 00:31:49,178
25 men and women on stage dressed in

699

00:31:45,429 --> 00:31:53,609

black shirts with tartan all just

700

00:31:49,179 --> 00:31:53,609

banging drums okay

701

00:31:56,650 --> 00:32:03,370

Leslie and Harry psychic realms looks

702

00:32:00,099 --> 00:32:06,359

very nice Indian spirit guides Indians

703

00:32:03,369 --> 00:32:06,359

going to work out down there

704

00:32:13,329 --> 00:32:18,949

now the drumming has died down I was

705

00:32:15,559 --> 00:32:24,919

just at the stand of bio flow unique

706

00:32:18,950 --> 00:32:27,289

natural pain relief wristbands they look

707

00:32:24,920 --> 00:32:29,900

exactly like power balance and the guy

708

00:32:27,289 --> 00:32:32,000

told me to piss off when I started

709

00:32:29,900 --> 00:32:34,250

asking questions I think that's a bit of

710

00:32:32,000 --> 00:32:35,809

a red flag if you ask questions and

711

00:32:34,250 --> 00:32:37,880

someone says here to piss off get away

712

00:32:35,809 --> 00:32:38,990

yeah I think that's pretty big red flag

713

00:32:37,880 --> 00:32:43,700
I think I'm going to look more into

714
00:32:38,990 --> 00:32:46,609
these bio flow wristbands I can't

715
00:32:43,700 --> 00:32:49,759
believe that sticks still going on well

716
00:32:46,609 --> 00:32:51,289
as you know I try to come to this first

717
00:32:49,759 --> 00:32:53,529
of all every six months and it's every

718
00:32:51,289 --> 00:32:56,710
six months here in Sydney

719
00:32:53,529 --> 00:32:59,139
I'm delighted to say it's more and more

720
00:32:56,710 --> 00:33:02,680
just general woo woo you know psychic

721
00:32:59,140 --> 00:33:05,590
readings and pleasant smells and I don't

722
00:33:02,680 --> 00:33:08,759
know this that the other and far less of

723
00:33:05,589 --> 00:33:12,209
the outright utter quackery although

724
00:33:08,759 --> 00:33:16,420
there are people doing things like

725
00:33:12,210 --> 00:33:18,279
allergy testing using machines miles of

726
00:33:16,420 --> 00:33:20,769
substances based on how many epic

727
00:33:18,279 --> 00:33:23,710

principles or something like that

728

00:33:20,769 --> 00:33:25,930

but here's an interesting one all go and

729

00:33:23,710 --> 00:33:29,400

effects Australia and they're selling

730

00:33:25,930 --> 00:33:31,840

devices to protect your water bottles

731

00:33:29,400 --> 00:33:36,840

mobile phones and anything else from

732

00:33:31,839 --> 00:33:36,839

harmful naughty radiation I guess

733

00:33:39,720 --> 00:33:44,490

earlier and asked passing this they were

734

00:33:41,669 --> 00:33:47,600

using dowsing rods to show the how these

735

00:33:44,490 --> 00:33:51,200

pendants and things protector on that

736

00:33:47,599 --> 00:33:53,779

naudia radiation-free geo perfect stress

737

00:33:51,200 --> 00:33:56,390

readings are they sell things to plug

738

00:33:53,779 --> 00:33:59,960

into your PowerPoint which cleanse your

739

00:33:56,390 --> 00:34:01,820

house from geo pathak stress this is a

740

00:33:59,960 --> 00:34:04,210

job for consumer affairs I'll grab their

741

00:34:01,819 --> 00:34:04,210

brochures

742
00:34:06,118 --> 00:34:09,929
now somebody asked me before why do I

743
00:34:08,219 --> 00:34:11,489
keep coming back to these things why do

744
00:34:09,929 --> 00:34:13,849
I keep going back to mind body spirit

745
00:34:11,489 --> 00:34:16,018
vessel on my buddy wallet as we call it

746
00:34:13,849 --> 00:34:17,369
well it's because I don't want to be an

747
00:34:16,018 --> 00:34:21,028
armchair skeptic I want to get out there

748
00:34:17,369 --> 00:34:22,379
see what's going on see things like the

749
00:34:21,028 --> 00:34:23,969
fact that there's not so much of the

750
00:34:22,378 --> 00:34:27,118
dangerous quickly in fact I haven't seen

751
00:34:23,969 --> 00:34:28,949
anyone promising making cure cancer and

752
00:34:27,119 --> 00:34:30,619
years ago when I came here there were

753
00:34:28,949 --> 00:34:34,379
people promising they could cure cancer

754
00:34:30,619 --> 00:34:36,450
so that looks like it's gone

755
00:34:34,380 --> 00:34:38,400
but I still recommend it I still

756
00:34:36,449 --> 00:34:39,960
recommended any good skeptic if you have

757
00:34:38,400 --> 00:34:42,840
the chance should visit a new age fair

758
00:34:39,960 --> 00:35:02,909
walk around and ask questions it's it's

759
00:34:42,840 --> 00:35:04,650
well worth it this is ben Radford I'm

760
00:35:02,909 --> 00:35:06,539
deputy editor of skeptical Inquirer

761
00:35:04,650 --> 00:35:09,119
science magazine author of six books

762
00:35:06,539 --> 00:35:10,529
including try and chupacabra and you can

763
00:35:09,119 --> 00:35:19,109
find out more about me at Benjamin

764
00:35:10,530 --> 00:35:22,410
Radford com welcome to a week in science

765
00:35:19,110 --> 00:35:24,720
from our iOS this week new human stem

766
00:35:22,409 --> 00:35:28,460
cells the oldest monkey and a and

767
00:35:24,719 --> 00:35:28,459
printing electric circuits

768
00:35:32,989 --> 00:35:39,269
for the first time ever scientists have

769
00:35:36,088 --> 00:35:41,759
made human embryonic stem cells they

770

00:35:39,269 --> 00:35:44,039
first removed the nucleus from a human

771
00:35:41,760 --> 00:35:46,470
egg then replaced it with the nucleus

772
00:35:44,039 --> 00:35:48,809
from a donor skin cell these immature

773
00:35:46,469 --> 00:35:51,358
cells resemble those derived from

774
00:35:48,809 --> 00:35:53,549
embryos fertilized with sperm and can

775
00:35:51,358 --> 00:35:56,639
develop into different specialized cells

776
00:35:53,550 --> 00:35:58,560
they are almost genetically identical to

777
00:35:56,639 --> 00:36:00,809
the donors own cells and can

778
00:35:58,559 --> 00:36:02,690
theoretically be used to make new organs

779
00:36:00,809 --> 00:36:07,320
and tissues to replace diseased

780
00:36:02,690 --> 00:36:09,119
dysfunctional or damaged ones this week

781
00:36:07,320 --> 00:36:11,550
scientists announced the discovery of

782
00:36:09,119 --> 00:36:15,059
the world's oldest fossil ape and the

783
00:36:11,550 --> 00:36:17,910
world's oldest old world monkey the ape

784
00:36:15,059 --> 00:36:21,269

was identified by a partial jawbone and

785

00:36:17,909 --> 00:36:23,279

the monkey by just a single tooth both

786

00:36:21,269 --> 00:36:25,920

were recovered from a layer of Earth in

787

00:36:23,280 --> 00:36:28,650

the African Rift Valley in Tanzania that

788

00:36:25,920 --> 00:36:31,500

had already been precisely dated to 25

789

00:36:28,650 --> 00:36:34,050

point two million years old the ape has

790

00:36:31,500 --> 00:36:35,969

been named require *Pitacanthus* require

791

00:36:34,050 --> 00:36:38,099

after the area where the specimen was

792

00:36:35,969 --> 00:36:40,919

found and pithy curse from the greek

793

00:36:38,099 --> 00:36:44,430

word for ape you're listening to a week

794

00:36:40,920 --> 00:36:47,159

in science from our iOS and now for

795

00:36:44,429 --> 00:36:48,868

science headlines in 30 seconds a link

796

00:36:47,159 --> 00:36:51,389

has been found between traffic air

797

00:36:48,869 --> 00:36:53,970

pollution and an increased risk of

798

00:36:51,389 --> 00:36:55,980

insulin resistance in children another

799
00:36:53,969 --> 00:36:58,019
link has been found between exposure to

800
00:36:55,980 --> 00:37:00,960
Agent Orange and lethal forms of

801
00:36:58,019 --> 00:37:03,059
prostate cancer in US veterans climate

802
00:37:00,960 --> 00:37:04,980
change will have the living space for

803
00:37:03,059 --> 00:37:07,559
more than fifty percent of all plants

804
00:37:04,980 --> 00:37:10,409
and thirty percent of all animals by

805
00:37:07,559 --> 00:37:12,000
2018 and researching how alligators

806
00:37:10,409 --> 00:37:14,759
replace their teeth throughout their

807
00:37:12,000 --> 00:37:17,000
lives may one day save you a trip to the

808
00:37:14,760 --> 00:37:17,000
dentist

809
00:37:18,298 --> 00:37:22,548
and finally this week printing

810
00:37:20,608 --> 00:37:25,170
electronic circuits onto paper

811
00:37:22,548 --> 00:37:27,869
researchers have developed an ink that

812
00:37:25,170 --> 00:37:30,539
conducts electricity new printing

813
00:37:27,869 --> 00:37:32,818
devices and specially coated paper that

814
00:37:30,539 --> 00:37:34,589
allows electronic circuits to be printed

815
00:37:32,818 --> 00:37:36,298
at room temperature this could

816
00:37:34,588 --> 00:37:38,429
revolutionize the development and

817
00:37:36,298 --> 00:37:41,159
manufacture of many electronic devices

818
00:37:38,429 --> 00:37:43,380
you can download a circuit diagram for

819
00:37:41,159 --> 00:37:45,208
any electrical device and then send it

820
00:37:43,380 --> 00:37:48,568
to a special printer connected to your

821
00:37:45,208 --> 00:37:50,938
home computer as an added bonus the inks

822
00:37:48,568 --> 00:37:54,778
can be collected and reused giving the

823
00:37:50,938 --> 00:37:57,058
technology some green credentials this

824
00:37:54,778 --> 00:37:59,699
Saturday is international fascination of

825
00:37:57,059 --> 00:38:02,640
plants day it's an opportunity for you

826
00:37:59,699 --> 00:38:04,949
to rediscover your inner botanist there

827

00:38:02,639 --> 00:38:07,199
are activities all over Australia and

828
00:38:04,949 --> 00:38:08,789
check out the Arias website for tour

829
00:38:07,199 --> 00:38:11,219
information of the adelaide botanic

830
00:38:08,789 --> 00:38:13,469
garden that's been the highlights of

831
00:38:11,219 --> 00:38:16,048
another big week in science for more

832
00:38:13,469 --> 00:38:21,599
information and other science news check

833
00:38:16,048 --> 00:38:24,268
out the Arias website are I aus org a

834
00:38:21,599 --> 00:38:27,150
you where you can also sign up for

835
00:38:24,268 --> 00:38:28,798
notifications of future episodes you can

836
00:38:27,150 --> 00:38:32,459
follow a week in science on Twitter

837
00:38:28,798 --> 00:38:34,889
using the hashtag week inside I'm Tony

838
00:38:32,458 --> 00:38:38,088
Amaya and on behalf of the Arias team

839
00:38:34,889 --> 00:38:38,088
see you next week

840
00:38:45,829 --> 00:38:52,349
nice interracial teen darshan skeptic

841
00:38:48,480 --> 00:38:56,969

zone basically su Amiga won't escape toy

842

00:38:52,349 --> 00:39:00,210

talk on da CA n sceptile chica crucial a

843

00:38:56,969 --> 00:39:03,149

podcast GMO a momentito with her own see

844

00:39:00,210 --> 00:39:06,000

no party pocket and Helios intertwined

845

00:39:03,150 --> 00:39:10,200

solution in more'n for Josh attention

846

00:39:06,000 --> 00:39:13,889

chatty Lana cncl link li dao itunes the

847

00:39:10,199 --> 00:39:17,039

true 11 jan SATA sceptile photoshop on

848

00:39:13,889 --> 00:39:19,429

well one of the ones skeptically does

849

00:39:17,039 --> 00:39:19,429

the end

850

00:39:19,440 --> 00:39:25,108

the script I'd science podcast by brian

851

00:39:22,739 --> 00:39:27,598

dunning is now available for Chinese

852

00:39:25,108 --> 00:39:31,170

audience please tell your Chinese

853

00:39:27,599 --> 00:39:34,019

friends to visit skip toy con dos en a

854

00:39:31,170 --> 00:39:40,280

fine skipped hoid on the Chinese itunes

855

00:39:34,019 --> 00:39:40,280

door i'm lisa from sceptile con dos en

856
00:39:47,679 --> 00:39:54,659
here's my not spooky action at a

857
00:39:52,119 --> 00:39:54,660
distance

858
00:39:56,010 --> 00:40:01,240
no have you had to have an operation

859
00:39:58,630 --> 00:40:04,269
we've had to have a general anesthetic I

860
00:40:01,239 --> 00:40:05,979
I have it certainly many people have its

861
00:40:04,269 --> 00:40:08,199
experience that most of us will undergo

862
00:40:05,980 --> 00:40:10,329
usually sometime during our lives and

863
00:40:08,199 --> 00:40:11,980
despite certainly being a miracle of

864
00:40:10,329 --> 00:40:15,130
modern medicine i believe it was once

865
00:40:11,980 --> 00:40:16,869
described as God's gift to mankind by a

866
00:40:15,130 --> 00:40:18,789
great philosopher it can be an

867
00:40:16,869 --> 00:40:20,889
experience scary experience and one that

868
00:40:18,789 --> 00:40:23,019
we don't fully understand because it

869
00:40:20,889 --> 00:40:25,690
certainly requires a lot of training how

870
00:40:23,019 --> 00:40:28,329
deep how deep and sleep do we have to be

871
00:40:25,690 --> 00:40:29,619
a model a long-term effects of

872
00:40:28,329 --> 00:40:31,900
anesthetic we have on the phone

873
00:40:29,619 --> 00:40:33,609
professor timothy short Auckland City

874
00:40:31,900 --> 00:40:36,400
Hospital New Zealand hello Timothy how

875
00:40:33,610 --> 00:40:39,130
are you hello first of all I'd like to

876
00:40:36,400 --> 00:40:41,019
our and this assists the biggest party

877
00:40:39,130 --> 00:40:42,460
is in the medical world every nice

878
00:40:41,019 --> 00:40:46,750
assist I've met has been someone who

879
00:40:42,460 --> 00:40:50,079
knows how to party definitely not it is

880
00:40:46,750 --> 00:40:51,849
a fiver all day okay because it's a

881
00:40:50,079 --> 00:40:53,259
rumor that we might have got from maybe

882
00:40:51,849 --> 00:40:56,440
watching mash or something like that

883
00:40:53,260 --> 00:40:59,290
snooze it's just not right I just wish

884

00:40:56,440 --> 00:41:00,820
my career was that good well you've

885
00:40:59,289 --> 00:41:02,710
certainly you've certainly had a

886
00:41:00,820 --> 00:41:04,210
distinguished career I mean to be doing

887
00:41:02,710 --> 00:41:06,250
what you're doing at the moment in fact

888
00:41:04,210 --> 00:41:08,170
how long do you have to train and study

889
00:41:06,250 --> 00:41:11,260
to be in an SS a lot of people might not

890
00:41:08,170 --> 00:41:13,150
know that well you do your normal six

891
00:41:11,260 --> 00:41:14,650
years at Medical School and usually

892
00:41:13,150 --> 00:41:17,530
after a couple of years of clinical

893
00:41:14,650 --> 00:41:19,720
experience you specialize and if you

894
00:41:17,530 --> 00:41:21,580
choose anesthesia the full training is

895
00:41:19,719 --> 00:41:24,730
another five years before you're allowed

896
00:41:21,579 --> 00:41:26,920
to be an independent specialist well and

897
00:41:24,730 --> 00:41:28,829
what drew you to that I always like to

898
00:41:26,920 --> 00:41:31,329

know why certain doctors become

899

00:41:28,829 --> 00:41:34,179

dermatologists or heart surgeons while

900

00:41:31,329 --> 00:41:36,519

because that it can be a tricky one you

901

00:41:34,179 --> 00:41:37,929

I mean you can't I mean the surgeons

902

00:41:36,519 --> 00:41:39,489

doing operation but you've certainly

903

00:41:37,929 --> 00:41:43,119

your response you can kill the patient

904

00:41:39,489 --> 00:41:45,309

on your own lawn trilling oh no I mean

905

00:41:43,119 --> 00:41:47,139

they'd think I can safely guide them

906

00:41:45,309 --> 00:41:49,000

through the trauma of the operation I'll

907

00:41:47,139 --> 00:41:50,259

see we'll see that's me half glass empty

908

00:41:49,000 --> 00:41:52,269

kind of thing that's why i would never

909

00:41:50,260 --> 00:41:54,970

been in easiest just I'd be just so

910

00:41:52,269 --> 00:41:56,590

scared that I had this person's life in

911

00:41:54,969 --> 00:41:57,579

my hands all the time and that's why I

912

00:41:56,590 --> 00:42:00,760

wondered why you would choose that

913
00:41:57,579 --> 00:42:03,699
particular branch of medicine I think

914
00:42:00,760 --> 00:42:05,170
it's a very satisfying career and you

915
00:42:03,699 --> 00:42:07,149
know it's quite a challenge and a lot of

916
00:42:05,170 --> 00:42:08,920
us like it it's certainly a lot more

917
00:42:07,150 --> 00:42:12,430
complicated and a lot of people believe

918
00:42:08,920 --> 00:42:14,050
sort of gone to sleep that yeah and that

919
00:42:12,429 --> 00:42:16,480
that's why we've got to hear because a

920
00:42:14,050 --> 00:42:18,580
lot of people think oh I'm out it's like

921
00:42:16,480 --> 00:42:19,990
it's like a 0 or 1 i'm either here or

922
00:42:18,579 --> 00:42:22,900
there not that's certainly not the case

923
00:42:19,989 --> 00:42:24,729
this is Professor know basically once

924
00:42:22,900 --> 00:42:27,220
you're asleep we can sort of run you at

925
00:42:24,730 --> 00:42:29,260
any level of depth you know in terms of

926
00:42:27,219 --> 00:42:31,389
how deeply we shut down the brain and

927
00:42:29,260 --> 00:42:35,140
shut down the body's reflexes and

928
00:42:31,389 --> 00:42:38,529
response to pain and trauma you know the

929
00:42:35,139 --> 00:42:40,239
surgery that's occurring and how do you

930
00:42:38,530 --> 00:42:43,330
decide what level that is is a

931
00:42:40,239 --> 00:42:45,699
consultation hospital visit operation

932
00:42:43,329 --> 00:42:46,929
specific or as a doctor going to tell

933
00:42:45,699 --> 00:42:48,399
you know this patient needs to be more

934
00:42:46,929 --> 00:42:51,369
than another patient how does that work

935
00:42:48,400 --> 00:42:53,200
out there's a lot of factors of it

936
00:42:51,369 --> 00:42:54,489
depends very much on the operation you

937
00:42:53,199 --> 00:42:56,859
need a lot more anesthetic to have a

938
00:42:54,489 --> 00:43:02,649
cardiac bypass operation and the heaven

939
00:42:56,860 --> 00:43:05,079
ingrown toenail removed but equally will

940
00:43:02,650 --> 00:43:07,480
be fair to say until the last 10 or 20

941

00:43:05,079 --> 00:43:09,730
years we were not able to measure depth

942
00:43:07,480 --> 00:43:12,429
accurately and we just gave doses that

943
00:43:09,730 --> 00:43:14,289
we're insured everybody was you know

944
00:43:12,429 --> 00:43:18,369
comfortably asleep and would not be

945
00:43:14,289 --> 00:43:21,000
aware during the experience and when and

946
00:43:18,369 --> 00:43:23,829
what is the consequence of this changing

947
00:43:21,000 --> 00:43:25,539
well now that we have monitors that can

948
00:43:23,829 --> 00:43:28,779
look particularly at the brain waves and

949
00:43:25,539 --> 00:43:31,150
theatre electron kilogram a bit of a

950
00:43:28,780 --> 00:43:34,210
debate opened up as just how deeply and

951
00:43:31,150 --> 00:43:37,389
nifa tized we really need to be some

952
00:43:34,210 --> 00:43:39,730
evidence that a few sort of standard of

953
00:43:37,389 --> 00:43:41,170
care is reasonably deep to be safe but

954
00:43:39,730 --> 00:43:43,090
there's some evidence that that may

955
00:43:41,170 --> 00:43:45,909

prolong a recovery after an operation

956

00:43:43,090 --> 00:43:49,480

and increase particularly in the elderly

957

00:43:45,909 --> 00:43:52,029

to the burden of you know confusion and

958

00:43:49,480 --> 00:43:56,139

sort of not coping that well after major

959

00:43:52,030 --> 00:43:57,820

surgery and deep I've had a reason to

960

00:43:56,139 --> 00:44:00,219

have the same operation twice and the

961

00:43:57,820 --> 00:44:02,800

first time a much deeper anesthetic was

962

00:44:00,219 --> 00:44:05,169

used and the recovery time was just

963

00:44:02,800 --> 00:44:07,870

incredible between the two exact same

964

00:44:05,170 --> 00:44:10,360

operations yeah and that that is just

965

00:44:07,869 --> 00:44:11,980

amazing that the the tech does make that

966

00:44:10,360 --> 00:44:13,390

much difference because again people

967

00:44:11,980 --> 00:44:16,659

often think you're either knocked out or

968

00:44:13,389 --> 00:44:19,179

you're not that's right and you know we

969

00:44:16,659 --> 00:44:22,420

have a lot of drugs available to us that

970
00:44:19,179 --> 00:44:24,669
will run people at different levels and

971
00:44:22,420 --> 00:44:26,349
you know it's part of our commitment to

972
00:44:24,670 --> 00:44:28,510
a very high standard of perioperative

973
00:44:26,349 --> 00:44:30,609
care we're always searching for ways to

974
00:44:28,510 --> 00:44:33,069
make the experience better for the

975
00:44:30,608 --> 00:44:34,900
patient and professor timothy short at

976
00:44:33,068 --> 00:44:37,539
the conference with all in ethicists

977
00:44:34,900 --> 00:44:39,160
there what is the one thing that people

978
00:44:37,539 --> 00:44:40,808
would what's a development that people

979
00:44:39,159 --> 00:44:41,798
would like or we're looking forward to

980
00:44:40,809 --> 00:44:43,630
is there something just around the

981
00:44:41,798 --> 00:44:45,489
corner that that is a bit of a holy

982
00:44:43,630 --> 00:44:49,869
grail for an exorcism that's not quite

983
00:44:45,489 --> 00:44:52,808
there yet no don't think so this is some

984
00:44:49,869 --> 00:44:54,700
very much backroom research it's a major

985
00:44:52,809 --> 00:44:57,250
project funded by the National Health

986
00:44:54,699 --> 00:44:59,078
and Medical Research Council in

987
00:44:57,250 --> 00:45:01,239
Australia as well as the Health Research

988
00:44:59,079 --> 00:45:05,530
Council in New Zealand and it's really

989
00:45:01,239 --> 00:45:08,558
fine-tuning the anaesthetic you know we

990
00:45:05,530 --> 00:45:11,019
do millions of operations basically a

991
00:45:08,559 --> 00:45:12,519
year in Australasia and if we can just

992
00:45:11,019 --> 00:45:14,980
make them a little bit safer

993
00:45:12,519 --> 00:45:18,030
particularly in the elderly and the sick

994
00:45:14,980 --> 00:45:20,829
patients then we're very keen to do that

995
00:45:18,030 --> 00:45:23,500
if a patient is as a difficult heart

996
00:45:20,829 --> 00:45:25,298
condition how much more difficult does

997
00:45:23,500 --> 00:45:27,460
that make the anesthesia side of the

998

00:45:25,298 --> 00:45:30,608
operation it makes it a lot more

999
00:45:27,460 --> 00:45:32,470
complicated especially you know to

1000
00:45:30,608 --> 00:45:34,500
ensure a good outcome that doesn't

1001
00:45:32,469 --> 00:45:37,328
stress the half-orc all the heart attack

1002
00:45:34,500 --> 00:45:39,900
yeah and is it just a matter of a light

1003
00:45:37,329 --> 00:45:42,940
asleep or is there a different kind of

1004
00:45:39,900 --> 00:45:45,220
anesthesia needed no there would be a

1005
00:45:42,940 --> 00:45:47,230
lot more monitoring of all the

1006
00:45:45,219 --> 00:45:48,969
cardiovascular variables that we can to

1007
00:45:47,230 --> 00:45:52,240
see that they're all kept absolutely as

1008
00:45:48,969 --> 00:45:53,798
perfect as we can and also the drag mix

1009
00:45:52,239 --> 00:45:56,439
would be different because i would use

1010
00:45:53,798 --> 00:45:58,960
more medicines to protect the heart the

1011
00:45:56,440 --> 00:46:00,760
healthy person would need is there

1012
00:45:58,960 --> 00:46:02,858

something in an ideal world that you

1013

00:46:00,760 --> 00:46:07,839

would like to see invented or bring into

1014

00:46:02,858 --> 00:46:09,279

that your field bigger oh yeah because i

1015

00:46:07,838 --> 00:46:10,808

just think i was getting it earlier that

1016

00:46:09,280 --> 00:46:12,069

you know you things are pretty good at

1017

00:46:10,809 --> 00:46:14,559

the moment but if there's something you

1018

00:46:12,068 --> 00:46:16,298

could magically bring in that is that

1019

00:46:14,559 --> 00:46:18,640

would just make it perfect and make it

1020

00:46:16,298 --> 00:46:20,440

even the most safest process possible is

1021

00:46:18,639 --> 00:46:23,379

there something that you think could be

1022

00:46:20,440 --> 00:46:25,210

invented well I think increasingly it's

1023

00:46:23,380 --> 00:46:27,579

not a matter of surviving the

1024

00:46:25,210 --> 00:46:29,588

anaesthetic or the surgery it's a matter

1025

00:46:27,579 --> 00:46:31,510

of getting a really good outcome whereby

1026

00:46:29,588 --> 00:46:36,009

we haven't contributed to the burden of

1027
00:46:31,510 --> 00:46:37,840
infection or you know let's say confuse

1028
00:46:36,010 --> 00:46:39,910
vision and so on after the operations

1029
00:46:37,840 --> 00:46:42,190
and I think we're getting closer to

1030
00:46:39,909 --> 00:46:45,009
getting anesthesia perfect than we were

1031
00:46:42,190 --> 00:46:46,780
even 20 years ago dr. Timothy short

1032
00:46:45,010 --> 00:46:48,070
Alton City Hospital in New Zealand thank

1033
00:46:46,780 --> 00:46:49,660
you for talking to thank you very much

1034
00:46:48,070 --> 00:46:51,400
thank you much for your time as

1035
00:46:49,659 --> 00:46:53,019
fascinating wasn't it I mean I always

1036
00:46:51,400 --> 00:46:54,760
you know they're the people that are

1037
00:46:53,019 --> 00:46:56,259
keeping you alive and awake while the

1038
00:46:54,760 --> 00:46:58,410
operations are going on as you would

1039
00:46:56,260 --> 00:46:58,410
know

1040
00:47:10,269 --> 00:47:15,099
hi I'm Finn and I'm Rebecca and where

1041
00:47:12,969 --> 00:47:16,869
the skipper cons skipper Collins is an

1042
00:47:15,099 --> 00:47:18,549
Irish blood cast by the Dublin skeptics

1043
00:47:16,869 --> 00:47:20,109
society it takes a conversational

1044
00:47:18,550 --> 00:47:21,370
Reverend look at science news and

1045
00:47:20,110 --> 00:47:24,880
skeptical topics from an Irish

1046
00:47:21,369 --> 00:47:27,900
perspective you can find us at WWDC

1047
00:47:24,880 --> 00:47:27,900
arrogance calm

1048
00:47:29,000 --> 00:47:33,230
whetstone fathers

1049
00:47:36,730 --> 00:47:43,480
in September 2006 17 year old Mike

1050
00:47:40,480 --> 00:47:46,210
Tennessee was tragically killed in a car

1051
00:47:43,480 --> 00:47:48,940
accident his family are from the Sydney

1052
00:47:46,210 --> 00:47:53,289
suburb of Guildford and not long after

1053
00:47:48,940 --> 00:47:56,800
Mike's tragic death oil seemed to be

1054
00:47:53,289 --> 00:48:00,550
starting to appear on the walls of the

1055

00:47:56,800 --> 00:48:02,890
tennis family house this gained some

1056
00:48:00,550 --> 00:48:06,190
notoriety more and more people came to

1057
00:48:02,889 --> 00:48:08,619
see this mysterious oil the oil spread

1058
00:48:06,190 --> 00:48:11,740
to various parts of the house including

1059
00:48:08,619 --> 00:48:14,500
the ceiling and over the intervening

1060
00:48:11,739 --> 00:48:18,099
years the house has been turned into a

1061
00:48:14,500 --> 00:48:21,599
shrine with many religious paintings on

1062
00:48:18,099 --> 00:48:24,460
the wall and the oil spread far and wide

1063
00:48:21,599 --> 00:48:27,360
the ceiling is covered with drawings of

1064
00:48:24,460 --> 00:48:30,909
crosses and other religious artifacts

1065
00:48:27,360 --> 00:48:33,280
letters of the alphabet dates and other

1066
00:48:30,909 --> 00:48:35,139
squiggles needless to say this story has

1067
00:48:33,280 --> 00:48:37,090
caught the attention of the media over

1068
00:48:35,139 --> 00:48:38,949
the years including the tabloid

1069
00:48:37,090 --> 00:48:41,680

television shows of today tonight and

1070

00:48:38,949 --> 00:48:44,109

the current affair members of Australian

1071

00:48:41,679 --> 00:48:46,750

skeptics over those years have appeared

1072

00:48:44,110 --> 00:48:49,809

on these shows to give our opinion of

1073

00:48:46,750 --> 00:48:52,900

the oil and the general goings on so I

1074

00:48:49,809 --> 00:48:55,869

like to play now some selected clips

1075

00:48:52,900 --> 00:48:58,539

from those reports over the years to

1076

00:48:55,869 --> 00:49:01,029

give you a good idea of course if you do

1077

00:48:58,539 --> 00:49:03,579

a search for Guilford House of miracles

1078

00:49:01,030 --> 00:49:06,460

on youtube or in Google you'll certainly

1079

00:49:03,579 --> 00:49:09,699

see more reports and video reports so

1080

00:49:06,460 --> 00:49:12,670

you can see for yourself dr the oil on

1081

00:49:09,699 --> 00:49:15,809

the walls but here now are some selected

1082

00:49:12,670 --> 00:49:15,809

clips to give you a better understanding

1083

00:49:20,880 --> 00:49:26,840

something strange is going on at number

1084
00:49:23,940 --> 00:49:30,769
six Bowden street

1085
00:49:26,840 --> 00:49:33,230
the miracles never seem to stop that if

1086
00:49:30,769 --> 00:49:36,139
you believe the owners learner and George

1087
00:49:33,230 --> 00:49:40,730
too nice meeting is happened here

1088
00:49:36,139 --> 00:49:43,969
they're all your dishes many people saw

1089
00:49:40,730 --> 00:49:47,269
Virgin Mary appeared here and many

1090
00:49:43,969 --> 00:49:50,599
things many medical happen all the time

1091
00:49:47,269 --> 00:49:53,690
yeah we first met the two news family

1092
00:49:50,599 --> 00:49:56,329
seven years ago they're 17 year old son

1093
00:49:53,690 --> 00:49:59,059
was killed in a car accident just around

1094
00:49:56,329 --> 00:50:02,889
the corner from their home five months

1095
00:49:59,059 --> 00:50:15,710
after his death his parents reported oil

1096
00:50:02,889 --> 00:50:19,099
weeping from Mike's bedroom wall word

1097
00:50:15,710 --> 00:50:22,130
spread almost as quickly as the oil soon

1098
00:50:19,099 --> 00:50:25,429
believers were flocking to number six to

1099
00:50:22,130 --> 00:50:27,820
see for themselves the oil rush had

1100
00:50:25,429 --> 00:50:27,819
begun

1101
00:50:36,699 --> 00:50:43,429
in 2007 we had the oil scientifically

1102
00:50:40,670 --> 00:50:46,940
tested it was found to be a mix of oil

1103
00:50:43,429 --> 00:50:49,069
and water but no one could say where it

1104
00:50:46,940 --> 00:50:51,800
was coming from Richard Saunders

1105
00:50:49,070 --> 00:50:54,740
president of the Australian skeptics has

1106
00:50:51,800 --> 00:50:56,840
his own theory I think people have a

1107
00:50:54,739 --> 00:50:59,179
deep need to want and hope that there

1108
00:50:56,840 --> 00:51:01,460
are indeed miracles well quite frankly

1109
00:50:59,179 --> 00:51:04,190
it looks like somebody and we're not

1110
00:51:01,460 --> 00:51:06,108
sure who it is is running around the

1111
00:51:04,190 --> 00:51:08,389
house dabbing oil and water on the wall

1112

00:51:06,108 --> 00:51:11,569
cotton bud even with their finger

1113
00:51:08,389 --> 00:51:13,848
drawing patterns they've sinned begun

1114
00:51:11,570 --> 00:51:16,099
quite overboard with it that clip was

1115
00:51:13,849 --> 00:51:19,010
from very recently only a couple of

1116
00:51:16,099 --> 00:51:23,769
weeks ago 2013 here's a clip from a

1117
00:51:19,010 --> 00:51:26,119
Current Affair television show from 2008

1118
00:51:23,769 --> 00:51:28,400
there will always be non-believers

1119
00:51:26,119 --> 00:51:30,170
Richard Saunders is from the Australian

1120
00:51:28,400 --> 00:51:32,389
skeptics you know it's just possible

1121
00:51:30,170 --> 00:51:34,579
that somebody very well-meaning has done

1122
00:51:32,389 --> 00:51:36,949
this through tried to put the family at

1123
00:51:34,579 --> 00:51:39,049
ease that's very nice and a nice thought

1124
00:51:36,949 --> 00:51:40,699
unfortunately the ramifications can be

1125
00:51:39,050 --> 00:51:43,910
very serious with people believing all

1126
00:51:40,699 --> 00:51:46,279

sorts of things this weekend they expect

1127

00:51:43,909 --> 00:51:48,739

one thousand pilgrims and the police

1128

00:51:46,280 --> 00:51:51,260

will block off the street many faithful

1129

00:51:48,739 --> 00:51:53,929

will go away with tiny samples of oil or

1130

00:51:51,260 --> 00:51:57,920

charcoal which some believe has healing

1131

00:51:53,929 --> 00:51:59,539

powers well here in Australia every

1132

00:51:57,920 --> 00:52:01,760

couple of years you'll get a miracle of

1133

00:51:59,539 --> 00:52:03,858

weeping statue or oil on the wall or

1134

00:52:01,760 --> 00:52:06,619

even blood coming from somewhere there's

1135

00:52:03,858 --> 00:52:08,719

never been one authenticated miracle in

1136

00:52:06,619 --> 00:52:12,519

the history of the world ever so if this

1137

00:52:08,719 --> 00:52:12,519

is a miracle it's the very first one

1138

00:52:14,809 --> 00:52:21,449

those comments from me way back in 2007

1139

00:52:18,539 --> 00:52:23,039

led shortly thereafter to brendan

1140

00:52:21,449 --> 00:52:26,118

shanahan writing in The Daily Telegraph

1141
00:52:23,039 --> 00:52:30,059
newspaper to produce the following

1142
00:52:26,119 --> 00:52:32,640
tragedy of scoffing skeptics by Brendan

1143
00:52:30,059 --> 00:52:35,279
Shanahan remember the coogee beach

1144
00:52:32,639 --> 00:52:38,639
madonna this seeming apparition first

1145
00:52:35,280 --> 00:52:41,070
appeared in 2003 bathing randwick with

1146
00:52:38,639 --> 00:52:43,199
her grace in more recent miracle

1147
00:52:41,070 --> 00:52:45,450
developments a Current Affair this week

1148
00:52:43,199 --> 00:52:47,549
spoke to a couple in guilford western

1149
00:52:45,449 --> 00:52:50,368
sydney who believed that the spirit of

1150
00:52:47,550 --> 00:52:53,220
their dead son has caused their walls to

1151
00:52:50,369 --> 00:52:55,110
leak rose scented oil reporting of these

1152
00:52:53,219 --> 00:52:58,649
stories usually includes an appearance

1153
00:52:55,110 --> 00:52:59,869
by the Australian skeptics these people

1154
00:52:58,650 --> 00:53:03,210
in case you don't know our

1155
00:52:59,869 --> 00:53:05,400
self-appointed band of atheist Crusaders

1156
00:53:03,210 --> 00:53:07,800
who see it as their mission not only to

1157
00:53:05,400 --> 00:53:10,470
tell old ladies that Christ's face can't

1158
00:53:07,800 --> 00:53:12,180
appear in a bowl of dumplings but to

1159
00:53:10,469 --> 00:53:14,579
form an organization complete with

1160
00:53:12,179 --> 00:53:18,719
quarterly newsletters devoted to doing

1161
00:53:14,579 --> 00:53:20,880
so they're the god is dead bothers keen

1162
00:53:18,719 --> 00:53:23,159
not to appear motivated by a sense of

1163
00:53:20,880 --> 00:53:24,720
their own superiority Australian

1164
00:53:23,159 --> 00:53:27,329
skeptics are always careful to

1165
00:53:24,719 --> 00:53:30,209
camouflage their criticisms of religious

1166
00:53:27,329 --> 00:53:33,900
phenomena as concern for unwitting

1167
00:53:30,210 --> 00:53:36,599
victims of the alleged hoax victims is

1168
00:53:33,900 --> 00:53:38,639
in quotation marks on a Current Affair

1169

00:53:36,599 --> 00:53:40,889
the spokesman for of the organization

1170
00:53:38,639 --> 00:53:43,199
Richard Saunders was eager to reassure

1171
00:53:40,889 --> 00:53:45,750
viewers that he regarded the family in

1172
00:53:43,199 --> 00:53:49,349
Guildford is merely misunderstood not

1173
00:53:45,750 --> 00:53:51,389
bad quote I have no doubt that someone

1174
00:53:49,349 --> 00:53:54,358
with very good intentions has done this

1175
00:53:51,389 --> 00:53:56,579
end quote he said it must have broken

1176
00:53:54,358 --> 00:53:58,529
mr. Saunders heart therefore when he

1177
00:53:56,579 --> 00:54:01,190
found himself duty-bound to point out

1178
00:53:58,530 --> 00:54:03,390
that quote there's never been one

1179
00:54:01,190 --> 00:54:06,150
authenticated miracle in the history of

1180
00:54:03,389 --> 00:54:08,489
the world ever unquote he tells us

1181
00:54:06,150 --> 00:54:10,829
there's not supposedly because he likes

1182
00:54:08,489 --> 00:54:14,789
to crush the faith of a grieving family

1183
00:54:10,829 --> 00:54:17,400

but because quote unfortunately the

1184

00:54:14,789 --> 00:54:19,079

ramifications are often very serious and

1185

00:54:17,400 --> 00:54:22,200

people will believe all sorts of things

1186

00:54:19,079 --> 00:54:25,230

end quote it is interesting to note that

1187

00:54:22,199 --> 00:54:26,639

the skeptics here are happy to credit

1188

00:54:25,230 --> 00:54:29,490

themselves with a gift

1189

00:54:26,639 --> 00:54:32,518

they decry as fraudulent in others the

1190

00:54:29,489 --> 00:54:34,679

ability to see into the future after all

1191

00:54:32,518 --> 00:54:37,679

how else could someone predict what good

1192

00:54:34,679 --> 00:54:40,710

or bad is likely to come of belief in

1193

00:54:37,679 --> 00:54:44,460

something miraculous even if it is not

1194

00:54:40,710 --> 00:54:46,650

true one wonders who the real zealots

1195

00:54:44,460 --> 00:54:48,750

are here the family who believe they see

1196

00:54:46,650 --> 00:54:51,660

evidence for their sons existence in the

1197

00:54:48,750 --> 00:54:53,869

afterlife or those who feel the need to

1198
00:54:51,659 --> 00:54:56,759
contradict them on national television

1199
00:54:53,869 --> 00:54:58,619
what never seems to occur to skeptics is

1200
00:54:56,760 --> 00:55:00,630
that many who believe in miracles and

1201
00:54:58,619 --> 00:55:03,568
alike not to mention those eccentrics

1202
00:55:00,630 --> 00:55:06,000
who can't accept a barren mechanical

1203
00:55:03,568 --> 00:55:07,739
universe are quite aware that the

1204
00:55:06,000 --> 00:55:10,048
existence of these phenomena is

1205
00:55:07,739 --> 00:55:12,419
illogical and goes against everything

1206
00:55:10,048 --> 00:55:15,059
they know to be true about the natural

1207
00:55:12,420 --> 00:55:16,889
world they just don't care being a

1208
00:55:15,059 --> 00:55:19,079
professional skeptic is like paying for

1209
00:55:16,889 --> 00:55:20,518
a ticket to the wrestling only to go

1210
00:55:19,079 --> 00:55:23,579
around telling everybody that it's

1211
00:55:20,518 --> 00:55:25,250
rigged the smugness of skeptics they're

1212
00:55:23,579 --> 00:55:28,349
certainly in their own righteousness

1213
00:55:25,250 --> 00:55:31,259
more closely resembles the religious

1214
00:55:28,349 --> 00:55:33,960
fanaticism they claim to despise than

1215
00:55:31,259 --> 00:55:36,179
the concern in quotation marks for the

1216
00:55:33,960 --> 00:55:38,329
community they espouse there's no doubt

1217
00:55:36,179 --> 00:55:41,699
belief can lead to terrible consequences

1218
00:55:38,329 --> 00:55:44,880
but from what I've seen not believing

1219
00:55:41,699 --> 00:55:47,969
can be just as tragic needless to say at

1220
00:55:44,880 --> 00:55:50,608
the time that report was produced in The

1221
00:55:47,969 --> 00:55:53,788
Daily Telegraph Australian skeptics did

1222
00:55:50,608 --> 00:55:55,608
publicly reply but all in all the Daily

1223
00:55:53,789 --> 00:55:59,009
Telegraph here was simply just a

1224
00:55:55,608 --> 00:56:01,650
rabble-rousing just point scoring I

1225
00:55:59,009 --> 00:56:05,179
guess you could say I don't have to go

1226

00:56:01,650 --> 00:56:07,769
over the logical fallacies and

1227
00:56:05,179 --> 00:56:11,538
ridiculous statements in Brendan

1228
00:56:07,768 --> 00:56:14,368
Shanahan's article as far back ago as

1229
00:56:11,539 --> 00:56:16,680
2007 read about each trauma Australian

1230
00:56:14,369 --> 00:56:18,720
skeptics also appeared to give his

1231
00:56:16,679 --> 00:56:19,798
thoughts we're quite prepared to accept

1232
00:56:18,719 --> 00:56:21,598
that there are things out there that we

1233
00:56:19,798 --> 00:56:23,579
don't understand but that doesn't mean

1234
00:56:21,599 --> 00:56:25,890
that they can't be understood Peter

1235
00:56:23,579 --> 00:56:28,680
Bowditch from Australian skeptic says

1236
00:56:25,889 --> 00:56:30,869
that for a miracle to be true it has to

1237
00:56:28,679 --> 00:56:32,789
have scientific evidence to back

1238
00:56:30,869 --> 00:56:34,589
get up to become excited by you have to

1239
00:56:32,789 --> 00:56:36,630
be a true believer that is you have to

1240
00:56:34,590 --> 00:56:39,720

be somebody who's immersed Oakley in

1241

00:56:36,630 --> 00:56:41,550

some form of faith in 2007 the chief

1242

00:56:39,719 --> 00:56:43,949

investigator from Australian skeptics

1243

00:56:41,550 --> 00:56:46,110

mr. Ian Bryce visited the house and

1244

00:56:43,949 --> 00:56:48,869

wrote the following report house of

1245

00:56:46,110 --> 00:56:50,280

miracles the so-called house of miracles

1246

00:56:48,869 --> 00:56:53,699

story ran in the papers and

1247

00:56:50,280 --> 00:56:55,560

non-commercial television in early 2007

1248

00:56:53,699 --> 00:56:57,809

the story relates to a family of

1249

00:56:55,559 --> 00:56:59,159

guilford in Sydney's west who claimed

1250

00:56:57,809 --> 00:57:02,429

their son was killed in a car accident

1251

00:56:59,159 --> 00:57:04,349

to become a messenger from God some

1252

00:57:02,429 --> 00:57:07,199

mysterious phenomena have been occurring

1253

00:57:04,349 --> 00:57:09,960

at the house oil began seeping through

1254

00:57:07,199 --> 00:57:12,599

his bedroom walls and ash appeared on

1255
00:57:09,960 --> 00:57:15,179
the floor when I visited at the request

1256
00:57:12,599 --> 00:57:17,089
of channel 9 I found hundreds of

1257
00:57:15,179 --> 00:57:19,619
visitors queued up on the footpath

1258
00:57:17,090 --> 00:57:21,750
family members and friends were showing

1259
00:57:19,619 --> 00:57:24,659
the guests through the house some on

1260
00:57:21,750 --> 00:57:27,210
crutches and in wheelchairs hoping for a

1261
00:57:24,659 --> 00:57:29,449
miracle the family armeria night

1262
00:57:27,210 --> 00:57:32,639
Christians their house is decorated

1263
00:57:29,449 --> 00:57:35,730
inside and out with religious icons

1264
00:57:32,639 --> 00:57:39,389
paintings statues photographs a diorama

1265
00:57:35,730 --> 00:57:41,610
of the Nativity was set up outside local

1266
00:57:39,389 --> 00:57:45,019
Catholic priest father Michael Milken

1267
00:57:41,610 --> 00:57:48,240
speaks strongly in favor of miracles

1268
00:57:45,019 --> 00:57:51,150
nightly religious services were being

1269
00:57:48,239 --> 00:57:53,969
held at an improvised Chapel in the back

1270
00:57:51,150 --> 00:57:56,250
yard signs explained that their 17 year

1271
00:57:53,969 --> 00:57:59,669
old son Michael was killed in a car

1272
00:57:56,250 --> 00:58:02,489
accident in 2006 his utility struck a

1273
00:57:59,670 --> 00:58:05,010
power pole utility being the Australian

1274
00:58:02,489 --> 00:58:07,619
version of a pickup truck my inquiries

1275
00:58:05,010 --> 00:58:09,600
revealed there were two passengers one

1276
00:58:07,619 --> 00:58:12,449
of whom received severe head injuries

1277
00:58:09,599 --> 00:58:14,549
and was in hospital for six weeks the

1278
00:58:12,449 --> 00:58:17,279
parents and the priest claimed the

1279
00:58:14,550 --> 00:58:20,250
accident was planned and executed by God

1280
00:58:17,280 --> 00:58:22,650
in order to provide a messenger capable

1281
00:58:20,250 --> 00:58:25,380
of delivering messages to mankind and

1282
00:58:22,650 --> 00:58:27,090
our visit channel 9 could not get into

1283

00:58:25,380 --> 00:58:31,230
the house because the family had just

1284
00:58:27,090 --> 00:58:33,960
signed up with channel 7 quote we have

1285
00:58:31,230 --> 00:58:36,420
not collected any money no way we won't

1286
00:58:33,960 --> 00:58:39,599
accept it men quote the father said I

1287
00:58:36,420 --> 00:58:42,510
was able to enter the house I saw some

1288
00:58:39,599 --> 00:58:44,279
black powder on the hallway floor it

1289
00:58:42,510 --> 00:58:45,840
could be anything

1290
00:58:44,280 --> 00:58:49,170
only claimed that when they swept it up

1291
00:58:45,840 --> 00:58:51,780
it reappeared overnight in the boys

1292
00:58:49,170 --> 00:58:54,869
bedroom a substance resembling oil was

1293
00:58:51,780 --> 00:58:57,930
spattered on the walls the initials m t

1294
00:58:54,869 --> 00:59:00,900
and a cross were also written in a

1295
00:58:57,929 --> 00:59:03,869
similar substance spatters also appeared

1296
00:59:00,900 --> 00:59:06,389
on the study ceiling some say resembling

1297
00:59:03,869 --> 00:59:08,730

Jesus the family said the ash and the

1298

00:59:06,389 --> 00:59:11,819

oil first appeared 40 days after the

1299

00:59:08,730 --> 00:59:14,670

death along with the smell of roses the

1300

00:59:11,820 --> 00:59:16,440

oil was still spreading buds of cotton

1301

00:59:14,670 --> 00:59:18,720

wool were being touched to the oil and

1302

00:59:16,440 --> 00:59:22,800

used to anoint in some visitors in the

1303

00:59:18,719 --> 00:59:24,869

hopes of curing diseases one has

1304

00:59:22,800 --> 00:59:27,990

reported being cured of joint pain

1305

00:59:24,869 --> 00:59:30,239

father melon and the parents claimed the

1306

00:59:27,989 --> 00:59:32,639

boy was picked by God from birth for

1307

00:59:30,239 --> 00:59:35,159

this role a photo at six months old

1308

00:59:32,639 --> 00:59:37,739

shows some prophetic similarities to

1309

00:59:35,159 --> 00:59:40,500

Jesus his school books were littered

1310

00:59:37,739 --> 00:59:42,779

with descriptions of the afterlife bit

1311

00:59:40,500 --> 00:59:44,760

of outage from Australian skeptics was

1312
00:59:42,780 --> 00:59:47,100
interviewed by channel seven's today

1313
00:59:44,760 --> 00:59:49,260
tonight and said that for a miracle to

1314
00:59:47,099 --> 00:59:51,569
be true it had to be backed up with

1315
00:59:49,260 --> 00:59:53,730
evidence there are regular religious

1316
00:59:51,570 --> 00:59:55,950
apparitions and supernatural claims in

1317
00:59:53,730 --> 00:59:59,190
the Christian world but none has stood

1318
00:59:55,949 --> 01:00:00,899
up to real testing this does nothing to

1319
00:59:59,190 --> 01:00:03,690
stem the flow of tourists and the

1320
01:00:00,900 --> 01:00:06,329
crippled to sites such as Lords in

1321
01:00:03,690 --> 01:00:08,130
France let us examine the scenario put

1322
01:00:06,329 --> 01:00:11,400
forward by the priests and the parents

1323
01:00:08,130 --> 01:00:14,400
the implications are horrendous point

1324
01:00:11,400 --> 01:00:16,920
God have been all-powerful must be

1325
01:00:14,400 --> 01:00:19,349
capable of sending messages any way he

1326
01:00:16,920 --> 01:00:21,360
chooses why would he arranged for an

1327
01:00:19,349 --> 01:00:24,179
innocent boy to be raised by his parents

1328
01:00:21,360 --> 01:00:27,240
teachers relatives etc and then brutally

1329
01:00:24,179 --> 01:00:28,679
killed at the age of 17 the claim is

1330
01:00:27,239 --> 01:00:30,899
that the accident was planned and

1331
01:00:28,679 --> 01:00:34,049
carried out by God the driver's actions

1332
01:00:30,900 --> 01:00:36,990
were overridden God in effect turned the

1333
01:00:34,050 --> 01:00:38,880
steering wheel towards the pole if a man

1334
01:00:36,989 --> 01:00:42,269
did this it would carry a charge of

1335
01:00:38,880 --> 01:00:44,309
dangerous driving point why would God

1336
01:00:42,269 --> 01:00:46,530
deliberately caused serious head

1337
01:00:44,309 --> 01:00:49,170
injuries to an innocent third party

1338
01:00:46,530 --> 01:00:51,240
putting him in hospital for six weeks if

1339
01:00:49,170 --> 01:00:54,119
a man did this he would be jailed for

1340

01:00:51,239 --> 01:00:55,829
grievous bodily harm point the purpose

1341
01:00:54,119 --> 01:00:58,170
of the whole scenario was to provide a

1342
01:00:55,829 --> 01:01:00,750
conduit for messages between God and

1343
01:00:58,170 --> 01:01:03,059
mankind but in five months the only

1344
01:01:00,750 --> 01:01:06,179
communication received has been the boys

1345
01:01:03,059 --> 01:01:09,329
initials M T which were already known

1346
01:01:06,179 --> 01:01:11,489
this equates to two bites in five months

1347
01:01:09,329 --> 01:01:14,759
millions of times slower than the most

1348
01:01:11,489 --> 01:01:17,969
basic modem God's plan has been a dismal

1349
01:01:14,760 --> 01:01:20,370
failure God needs to get broadband point

1350
01:01:17,969 --> 01:01:24,509
the writing on the wall is at a height

1351
01:01:20,369 --> 01:01:26,880
of 1.4 meters just the height a person

1352
01:01:24,510 --> 01:01:28,700
would write on the wall the thickness of

1353
01:01:26,880 --> 01:01:31,769
the lines is similar to a fingertip

1354
01:01:28,699 --> 01:01:34,679

point the oil found on the walls is

1355

01:01:31,769 --> 01:01:37,079

claimed to cure arthritis why would God

1356

01:01:34,679 --> 01:01:39,359

place it where only a few people could

1357

01:01:37,079 --> 01:01:42,029

benefit one would think he would reveal

1358

01:01:39,360 --> 01:01:44,760

it to a Medical Research Institute so

1359

01:01:42,030 --> 01:01:47,730

that many sufferers could receive it if

1360

01:01:44,760 --> 01:01:49,950

the claims are true then the god they

1361

01:01:47,730 --> 01:01:52,320

worship must be a monster beyond cruelty

1362

01:01:49,949 --> 01:01:54,839

how priests can hold this up as an

1363

01:01:52,320 --> 01:01:57,990

example of love and caring is difficult

1364

01:01:54,840 --> 01:02:00,720

to understand but the oil and ash do not

1365

01:01:57,989 --> 01:02:02,789

really appear from nowhere if the

1366

01:02:00,719 --> 01:02:05,399

apparitions are the work of a prankster

1367

01:02:02,789 --> 01:02:08,610

then the tragedy is that the death of a

1368

01:02:05,400 --> 01:02:09,809

loved one has been desecrated the living

1369
01:02:08,610 --> 01:02:12,269
memories of the parents have been

1370
01:02:09,809 --> 01:02:14,730
corrupted by talk of messages and

1371
01:02:12,269 --> 01:02:17,340
miracles what should be a healing

1372
01:02:14,730 --> 01:02:20,130
process has been hijacked and turned

1373
01:02:17,340 --> 01:02:22,880
into an ongoing nightmare that report

1374
01:02:20,130 --> 01:02:25,860
was from Ian Bryce chief investigator of

1375
01:02:22,880 --> 01:02:28,230
Australian skeptics I'll leave the final

1376
01:02:25,860 --> 01:02:31,280
word to the parents who are asked about

1377
01:02:28,230 --> 01:02:33,480
having a camera installed in their house

1378
01:02:31,280 --> 01:02:37,950
would you be happy to put a camera in

1379
01:02:33,480 --> 01:02:41,909
the house for 24 hours oh no I don't

1380
01:02:37,949 --> 01:02:44,339
know if the church want to do it do it

1381
01:02:41,909 --> 01:02:46,379
yeah because from the chairs yeah so if

1382
01:02:44,340 --> 01:02:48,930
your church one to do it yeah do it yeah

1383
01:02:46,380 --> 01:02:52,519
yeah we do yeah yes had the church asked

1384
01:02:48,929 --> 01:02:52,519
you to do that yet no yeah no

1385
01:03:14,760 --> 01:03:19,330
thank you for listening to the skeptic

1386
01:03:17,110 --> 01:03:22,440
zone now been asked to remind you or let

1387
01:03:19,329 --> 01:03:26,710
you know there's a petition at ww

1388
01:03:22,440 --> 01:03:30,039
change.org to do with them telling the

1389
01:03:26,710 --> 01:03:33,280
Rockhampton Regional Council they should

1390
01:03:30,039 --> 01:03:35,949
really reconsider removing flew ride

1391
01:03:33,280 --> 01:03:37,840
from their drinking water they're going

1392
01:03:35,949 --> 01:03:40,569
to remove it yes they've heard the

1393
01:03:37,840 --> 01:03:42,610
arguments so-called arguments and I

1394
01:03:40,570 --> 01:03:45,100
don't think this is a good thing if you

1395
01:03:42,610 --> 01:03:47,769
want to sign a petition asking the

1396
01:03:45,099 --> 01:03:50,199
council to consult with the community

1397

01:03:47,769 --> 01:03:53,829
before they remove fluoride run to

1398
01:03:50,199 --> 01:03:57,309
change.org and search for rockhampton

1399
01:03:53,829 --> 01:04:00,519
Regional Council also I'm delighted to

1400
01:03:57,309 --> 01:04:03,369
say that i'll be visiting can the

1401
01:04:00,519 --> 01:04:06,579
amazing meeting in las vegas july 11th

1402
01:04:03,369 --> 01:04:08,440
to 14th this year i hope you can make it

1403
01:04:06,579 --> 01:04:10,269
Tam is always a wonderful experience

1404
01:04:08,440 --> 01:04:13,119
great to catch up with James Randi and

1405
01:04:10,269 --> 01:04:15,429
DJ Grothe and lots of good friends of

1406
01:04:13,119 --> 01:04:17,019
the amazing meeting you can get your

1407
01:04:15,429 --> 01:04:22,329
tickets and more information by visiting

1408
01:04:17,019 --> 01:04:26,800
w WM mazing meeting com can't wait to

1409
01:04:22,329 --> 01:04:29,110
see you all there but for this week this

1410
01:04:26,800 --> 01:04:35,140
is Richard Saunders signing off from

1411
01:04:29,110 --> 01:04:37,400

Sydney Australia you've been listening

1412

01:04:35,139 --> 01:04:42,199

to the skeptic zone

1413

01:04:37,400 --> 01:04:45,230

visit our website at www.skeptics.org on TV

1414

01:04:42,199 --> 01:04:47,889

for comments contacts and extra video

1415

01:04:45,230 --> 01:04:47,889

reports