

The Skeptic Zone

Show 239 - 20 May 2013



Sonya Pemberton

1
00:00:21,670 --> 00:00:09,089
welcome to the skeptic zone the podcast

2
00:00:27,760 --> 00:00:24,380
hello and welcome to the skeptic zone

3
00:00:32,479 --> 00:00:27,770
for the twentieth of may 2013 show

4
00:00:34,790 --> 00:00:32,489
number 239 Richard Saunders here with

5
00:00:36,890 --> 00:00:34,800
you from Sydney Australia now just a

6
00:00:40,580 --> 00:00:36,900
note to regular skeptic zone listeners

7
00:00:43,009 --> 00:00:40,590
yes this show is late in fact i think in

8
00:00:44,840 --> 00:00:43,019
almost five years of the skeptic zone

9
00:00:47,509 --> 00:00:44,850
this is probably the latest one we've

10
00:00:48,740 --> 00:00:47,519
had very good reason for that very good

11
00:00:52,520 --> 00:00:48,750
reason coming up at the top of the show

12
00:00:56,119 --> 00:00:52,530
dr. ray chira ports dr. 'he is going to

13
00:00:58,189 --> 00:00:56,129

interview Sonya Pemberton in fact she

14

00:01:00,229 --> 00:00:58,199

just did a little while ago and that's

15

00:01:03,049 --> 00:01:00,239

why we had to hold the show over because

16

00:01:05,560 --> 00:01:03,059

of scheduling and then all the rest of

17

00:01:08,240 --> 00:01:05,570

it but uh I hope you'll understand

18

00:01:10,149 --> 00:01:08,250

nevertheless Sonya Pemberton's going to

19

00:01:14,600 --> 00:01:10,159

be talking about her new documentary

20

00:01:16,820 --> 00:01:14,610

jabbed love fear and vaccines now this

21

00:01:20,929 --> 00:01:16,830

is premiering here in Australia on SBS

22

00:01:24,380 --> 00:01:20,939

TV SBS one on Sunday May the 26th at

23

00:01:26,990 --> 00:01:24,390

eight thirty so that's this sunday

24

00:01:31,730 --> 00:01:27,000

coming up I was very lucky enough to

25

00:01:34,250 --> 00:01:31,740

meet Sonia a month or so back at the fo

26

00:01:36,380 --> 00:01:34,260

the film festival in all emotes in the

27

00:01:39,830 --> 00:01:36,390

Czech Republic and she was very excited

28

00:01:41,900 --> 00:01:39,840

about this documentary jabbed it takes a

29

00:01:46,670 --> 00:01:41,910

look at all sorts of issues involving

30

00:01:51,490 --> 00:01:46,680

vaccination especially it looks at some

31

00:01:55,820 --> 00:01:51,500

of the adverse reactions to vaccination

32

00:01:58,850 --> 00:01:55,830

well worth viewing coming up on SBS this

33

00:02:00,860 --> 00:01:58,860

weekend this Sunday anyway dr. rachy in

34

00:02:02,720 --> 00:02:00,870

a moment we'll be chatting to Sonya

35

00:02:05,660 --> 00:02:02,730

Pemberton all about her wonderful

36

00:02:09,169 --> 00:02:05,670

documentary jabbed following that it's

37

00:02:11,149 --> 00:02:09,179

my report from mind body spirit or

38

00:02:14,330 --> 00:02:11,159

mind-body wallet as we call it the New

39

00:02:15,770 --> 00:02:14,340

Age festival fair here in Sydney I think

40

00:02:18,080 --> 00:02:15,780

it's a bit of a traveling circus and

41

00:02:19,729 --> 00:02:18,090

ends up at other capitals throughout the

42

00:02:23,030 --> 00:02:19,739

year but every six months we have mind

43

00:02:25,280 --> 00:02:23,040

body spirit here in Sydney so this time

44

00:02:29,170 --> 00:02:25,290

I wander around with my trusty

45

00:02:32,990 --> 00:02:29,180

microphone giving my thoughts about this

46

00:02:34,380 --> 00:02:33,000

interesting new age fair after that it's

47

00:02:35,730 --> 00:02:34,390

a week in science without

48

00:02:40,290 --> 00:02:35,740

good friends from the Royal Institution

49

00:02:42,180 --> 00:02:40,300

of Australia are I aus ok you and what a

50

00:02:44,309 --> 00:02:42,190

popular segment that is I love it every

51
00:02:46,559 --> 00:02:44,319
week a week in science reminds us all

52
00:02:49,350 --> 00:02:46,569
how much science good science is going

53
00:02:52,650 --> 00:02:49,360
on around the world all the time and

54
00:02:54,510 --> 00:02:52,660
following that its main odd spooky

55
00:02:57,810 --> 00:02:54,520
action Maynard's going to be talking

56
00:03:00,720 --> 00:02:57,820
about anesthesia now what a what an

57
00:03:02,760 --> 00:03:00,730
important part of medical science and a

58
00:03:05,640 --> 00:03:02,770
seizure is I've had a number of

59
00:03:07,770 --> 00:03:05,650
operations throughout my life and and

60
00:03:09,270 --> 00:03:07,780
I'm pretty glad there was an aesthetic

61
00:03:13,320 --> 00:03:09,280
on hand I'm going to show you that

62
00:03:15,449 --> 00:03:13,330
looking at my appendix scar main our

63
00:03:18,449 --> 00:03:15,459

chats to Professor Tim short about

64

00:03:20,070 --> 00:03:18,459

anesthesia and around off the show we

65

00:03:21,810 --> 00:03:20,080

have a report about a story that sort of

66

00:03:26,270 --> 00:03:21,820

been bubbling around for quite a number

67

00:03:29,250 --> 00:03:26,280

of years in Sydney since about 2006 2007

68

00:03:32,070 --> 00:03:29,260

there's a house are in the west of

69

00:03:35,900 --> 00:03:32,080

Sydney no place called Guildford where

70

00:03:39,560 --> 00:03:35,910

it's claimed oil seeps from the walls

71

00:03:44,880 --> 00:03:39,570

not just any oil this is miracle oil

72

00:03:46,530 --> 00:03:44,890

messages from beyond the grave and not

73

00:03:48,840 --> 00:03:46,540

only oil seeping from the walls that

74

00:03:52,259 --> 00:03:48,850

there's actually writing on the walls

75

00:03:54,000 --> 00:03:52,269

and on the ceiling and drawing and

76

00:03:56,250 --> 00:03:54,010

letters and numbers and all sorts of

77

00:03:58,620 --> 00:03:56,260

things a very strange story going along

78

00:04:00,900 --> 00:03:58,630

for many years that report the miracle

79

00:04:03,569 --> 00:04:00,910

house at guilford is coming up to round

80

00:04:05,430 --> 00:04:03,579

off this week's episode well that's

81

00:04:07,020 --> 00:04:05,440

enough from me I'm going to run to the

82

00:04:10,860 --> 00:04:07,030

fridge i'm going to see if there's a

83

00:04:13,860 --> 00:04:10,870

nice sir leftover spaghetti from last

84

00:04:28,399 --> 00:04:13,870

night and well i'm doing that i'll let

85

00:04:36,089 --> 00:04:31,769

now it's time for dr. Rachel reports

86

00:04:40,749 --> 00:04:38,799

hello lapels and welcome to dr. Reggie

87

00:04:43,209 --> 00:04:40,759

reports and this week we have a

88

00:04:46,179 --> 00:04:43,219

fantastic interview with Sonia Pemberton

89

00:04:48,549 --> 00:04:46,189

who has just finished the wonderful

90

00:04:50,679 --> 00:04:48,559

vaccination documentary jabbed which is

91

00:04:53,169 --> 00:04:50,689

airing this sunday on SBS at

92

00:04:54,850 --> 00:04:53,179

eight-thirty phone is on the line now

93

00:04:58,299 --> 00:04:54,860

from melbourne iphone you're welcome to

94

00:05:00,999 --> 00:04:58,309

the skeptic own hello dr. 18 lovely to

95

00:05:03,189 --> 00:05:01,009

be here you are lovely to talk to you

96

00:05:05,350 --> 00:05:03,199

now I suppose folk to you about this

97

00:05:07,600 --> 00:05:05,360

project about two years ago I think at a

98

00:05:10,629 --> 00:05:07,610

science communication in conference give

99

00:05:12,609 --> 00:05:10,639

us some idea of how much research and

100

00:05:16,329 --> 00:05:12,619

how much planning went into such a huge

101
00:05:18,269 --> 00:05:16,339
project such as jabbed well you're right

102
00:05:22,449 --> 00:05:18,279
i've started two and a half years ago

103
00:05:27,790 --> 00:05:22,459
and for one entire year I pretty much

104
00:05:30,429 --> 00:05:27,800
full time I spoke to the experts led the

105
00:05:34,469 --> 00:05:30,439
papers with the books spokes the

106
00:05:36,969 --> 00:05:34,479
families drowned in an absolute ocean of

107
00:05:38,709 --> 00:05:36,979
information and anybody who's looking to

108
00:05:43,809 --> 00:05:38,719
the vaccination issue would be very

109
00:05:46,179 --> 00:05:43,819
familiar with I spent the best part of

110
00:05:49,149 --> 00:05:46,189
that year just talking to people and

111
00:05:50,679 --> 00:05:49,159
trying to get my head around it to be

112
00:05:52,269 --> 00:05:50,689
honest you know my position when I

113
00:05:55,600 --> 00:05:52,279

started was that I was just an

114

00:05:58,629 --> 00:05:55,610

unquestioning vaccination supporter and

115

00:06:00,819 --> 00:05:58,639

I couldn't quite understand why my

116

00:06:03,879 --> 00:06:00,829

previous film catch encounter had been

117

00:06:06,279 --> 00:06:03,889

hit with some anti a vaccination and

118

00:06:10,239 --> 00:06:06,289

comments I didn't quite understand it

119

00:06:12,999 --> 00:06:10,249

and so it sparked this real quest to try

120

00:06:15,219 --> 00:06:13,009

and understand what was going on but

121

00:06:17,409 --> 00:06:15,229

part the way through I kind of drowns

122

00:06:21,189 --> 00:06:17,419

and really thought I can't do this it's

123

00:06:23,290 --> 00:06:21,199

just too complicated but luckily I had

124

00:06:26,379 --> 00:06:23,300

SBS behind me pushing saying we want to

125

00:06:28,359 --> 00:06:26,389

do this and I realized that I talked for

126

00:06:30,730 --> 00:06:28,369

enough families that I kind of owed it

127

00:06:34,420 --> 00:06:30,740

to them to try and get a more nuanced

128

00:06:36,339 --> 00:06:34,430

conversation happening no one year was

129

00:06:38,799 --> 00:06:36,349

sort of research reading talking and

130

00:06:42,819 --> 00:06:38,809

then I'm leaving finance and then a year

131

00:06:45,249 --> 00:06:42,829

making the film so with respect to the

132

00:06:47,350 --> 00:06:45,259

film it must have been huge in terms of

133

00:06:49,420 --> 00:06:47,360

logistics because you actually track

134

00:06:51,490 --> 00:06:49,430

sick people but also you

135

00:06:53,890 --> 00:06:51,500

outbreak from epidemics across the world

136

00:06:56,350 --> 00:06:53,900

so how do you logistically go about

137

00:06:58,180 --> 00:06:56,360

doing that well first of all I've got

138

00:06:59,740 --> 00:06:58,190

this lovely big knock on my wall and I

139

00:07:02,110 --> 00:06:59,750

have a cross plot of all the stories

140

00:07:04,510 --> 00:07:02,120

that we were wanting to follow we wanted

141

00:07:07,450 --> 00:07:04,520

to follow the measles epidemic in Europe

142

00:07:09,790 --> 00:07:07,460

because we knew there were enough cases

143

00:07:11,800 --> 00:07:09,800

out there to sort of qualify as a small

144

00:07:13,620 --> 00:07:11,810

epidemic but a significant outbreak

145

00:07:15,880 --> 00:07:13,630

action required to make it's an outbreak

146

00:07:21,310 --> 00:07:15,890

the media / they were calling an

147

00:07:23,110 --> 00:07:21,320

epidemic so we went to the UK and

148

00:07:26,110 --> 00:07:23,120

followed measles and then we followed

149

00:07:28,000 --> 00:07:26,120

that to the Ukraine because a million

150

00:07:30,550 --> 00:07:28,010

people were coming into the area for the

151
00:07:32,530 --> 00:07:30,560
football championships at a time which

152
00:07:37,840 --> 00:07:32,540
is a nice kind of interesting cross

153
00:07:40,090 --> 00:07:37,850
story I also knew I wanted to follow the

154
00:07:42,160 --> 00:07:40,100
whooping cough story and I had quite a

155
00:07:43,510 --> 00:07:42,170
lot of whooping cough stories differ so

156
00:07:46,480 --> 00:07:43,520
much anything cough in this country

157
00:07:47,980 --> 00:07:46,490
that's finding you a story that where

158
00:07:51,610 --> 00:07:47,990
the family were prepared to go on camera

159
00:07:53,710 --> 00:07:51,620
was even in to score but then we also

160
00:07:57,100 --> 00:07:53,720
wanted to the HPV story human

161
00:07:58,990 --> 00:07:57,110
papillomavirus story and because I had

162
00:08:02,200 --> 00:07:59,000
worked with professor ian fraser before

163
00:08:05,710 --> 00:08:02,210

with the Kachin cancer documentary we

164

00:08:09,100 --> 00:08:05,720

teed up taking that part of the story to

165

00:08:10,420 --> 00:08:09,110

be tone and of course across America we

166

00:08:12,580 --> 00:08:10,430

were just watching and listening and

167

00:08:14,820 --> 00:08:12,590

finding the stories but the point I

168

00:08:19,870 --> 00:08:14,830

really want to make and I know this is a

169

00:08:22,150 --> 00:08:19,880

kind of borderline heresy I guess but

170

00:08:23,850 --> 00:08:22,160

the Buddha will make is that the stories

171

00:08:27,910 --> 00:08:23,860

you know four of them the stories of

172

00:08:30,460 --> 00:08:27,920

severe vaccine-preventable diseases and

173

00:08:34,930 --> 00:08:30,470

tore them stories of vaccine adverse

174

00:08:38,470 --> 00:08:34,940

reactions although very nuanced and very

175

00:08:40,900 --> 00:08:38,480

very layered because I wanted to make it

176

00:08:42,970 --> 00:08:40,910

really clear that these vaccines were

177

00:08:46,150 --> 00:08:42,980

associated with but not necessarily in

178

00:08:50,110 --> 00:08:46,160

one case causal and to try and do that

179

00:08:52,540 --> 00:08:50,120

emotionally rather than with graphs and

180

00:08:55,150 --> 00:08:52,550

data if you like but to do it for

181

00:08:57,700 --> 00:08:55,160

emotional stories so I was very clear

182

00:09:00,250 --> 00:08:57,710

that that was a

183

00:09:02,080 --> 00:09:00,260

an interesting way to go but I really

184

00:09:05,740 --> 00:09:02,090

wanted to have a more nuanced

185

00:09:07,180 --> 00:09:05,750

exploration of the issues yeah I wanted

186

00:09:09,190 --> 00:09:07,190

to mention that because I think the way

187

00:09:11,380 --> 00:09:09,200

you treated the adverse events is it was

188

00:09:12,900 --> 00:09:11,390

incredibly sensitive and well done and

189

00:09:14,770 --> 00:09:12,910

incredibly interesting as well

190

00:09:17,530 --> 00:09:14,780

particularly because there's a lot of

191

00:09:20,020 --> 00:09:17,540

noise around adverse events so that

192

00:09:23,050 --> 00:09:20,030

people say responses of vaccinations are

193

00:09:25,750 --> 00:09:23,060

responsible how did you sort of I guess

194

00:09:27,790 --> 00:09:25,760

filter out what is really an adverse

195

00:09:29,950 --> 00:09:27,800

event and what is what people associated

196

00:09:32,170 --> 00:09:29,960

when it necessarily isn't you know what

197

00:09:34,660 --> 00:09:32,180

I mean yeah that's the million-dollar

198

00:09:36,970 --> 00:09:34,670

question look I'm not a scientist and

199

00:09:41,440 --> 00:09:36,980

I'm not a medical doctor I'm simply a

200

00:09:43,540 --> 00:09:41,450

filmmaker so I've got a very quick to

201
00:09:46,330 --> 00:09:43,550
say that I don't know what the truth is

202
00:09:48,490 --> 00:09:46,340
you know and and I have to seek

203
00:09:52,690 --> 00:09:48,500
information like anyone carefully and

204
00:09:55,810 --> 00:09:52,700
assist to a lot of rubbish the vast

205
00:09:57,850 --> 00:09:55,820
majority firstly I should say that part

206
00:10:00,030 --> 00:09:57,860
of my research was deliberately going

207
00:10:02,530 --> 00:10:00,040
into those places on the internet

208
00:10:04,930 --> 00:10:02,540
deliberately joining those communities

209
00:10:07,750 --> 00:10:04,940
in various shapes and forms and trying

210
00:10:11,710 --> 00:10:07,760
to understand really truly understand

211
00:10:16,300 --> 00:10:11,720
and I came to the conclusion that I

212
00:10:18,250 --> 00:10:16,310
can't really speak to the people who

213
00:10:19,660 --> 00:10:18,260

extreme in any direction really you know

214

00:10:20,980 --> 00:10:19,670

like what who I miss didn't talking to

215

00:10:22,930 --> 00:10:20,990

the people who just got concerns and

216

00:10:24,820 --> 00:10:22,940

worries and fears and I realized that

217

00:10:26,950 --> 00:10:24,830

really their voice wasn't represented

218

00:10:30,070 --> 00:10:26,960

out there on the internet a great deal

219

00:10:33,850 --> 00:10:30,080

there's a very very loud very fierce

220

00:10:37,330 --> 00:10:33,860

strong anti-vaccination lobby group and

221

00:10:39,880 --> 00:10:37,340

a very very loud pro vaccinations groups

222

00:10:43,150 --> 00:10:39,890

and and they're all equally kind of now

223

00:10:45,340 --> 00:10:43,160

the noisy not equally but there is still

224

00:10:46,690 --> 00:10:45,350

lower annuity so what wasn't happening

225

00:10:49,120 --> 00:10:46,700

with the people kind of in the middle

226

00:10:51,130 --> 00:10:49,130

who wanted accidental want to do some

227

00:10:55,990 --> 00:10:51,140

vaccines and have some questions or some

228

00:10:58,480 --> 00:10:56,000

concerns so I felt that to do that I had

229

00:11:01,030 --> 00:10:58,490

to go down the rabbit hole if you like

230

00:11:03,760 --> 00:11:01,040

of following these stories of adverse

231

00:11:06,040 --> 00:11:03,770

reactions and trying to find some that

232

00:11:08,980 --> 00:11:06,050

had some gave us an insight into the

233

00:11:11,050 --> 00:11:08,990

bigger vaccine problem and by problem I

234

00:11:11,440 --> 00:11:11,060

mean how do we resolve what's true and

235

00:11:14,560 --> 00:11:11,450

what

236

00:11:17,410 --> 00:11:14,570

not true so I followed the science in a

237

00:11:21,040 --> 00:11:17,420

nutshell I followed stories where

238

00:11:23,470 --> 00:11:21,050

firstly the people gave their names that

239

00:11:25,420 --> 00:11:23,480

helps so you cheering them up and

240

00:11:27,970 --> 00:11:25,430

contact them and they let me talk to

241

00:11:30,040 --> 00:11:27,980

their doctors that was important I had

242

00:11:32,410 --> 00:11:30,050

to see the medical reports I had to see

243

00:11:34,000 --> 00:11:32,420

that you know this child really did have

244

00:11:37,440 --> 00:11:34,010

this thing happened within this time

245

00:11:40,000 --> 00:11:37,450

time I had to find out how far they were

246

00:11:41,920 --> 00:11:40,010

investigated and of course they are

247

00:11:43,210 --> 00:11:41,930

investigated there's no question you

248

00:11:45,130 --> 00:11:43,220

know there's a vast amount of

249

00:11:48,070 --> 00:11:45,140

investigation going on into vaccine

250

00:11:53,140 --> 00:11:48,080

adverse events or venting reactions as i

251

00:11:54,670 --> 00:11:53,150

like to call them so i filtered through

252

00:11:59,830 --> 00:11:54,680

the ones where I just couldn't track

253

00:12:02,170 --> 00:11:59,840

back anything sexual and then looked at

254

00:12:03,700 --> 00:12:02,180

the selection i had from around the

255

00:12:06,790 --> 00:12:03,710

world which weren't that many because of

256

00:12:12,610 --> 00:12:06,800

the honest truth is these adverse

257

00:12:14,710 --> 00:12:12,620

reactions the serious ones are rare and

258

00:12:16,870 --> 00:12:14,720

they're very rare that the parents want

259

00:12:22,090 --> 00:12:16,880

to talk you know because they're private

260

00:12:23,710 --> 00:12:22,100

about things so finding a very rare

261

00:12:24,850 --> 00:12:23,720

event anyways difficult you know

262

00:12:27,010 --> 00:12:24,860

inviting a rare event where people

263

00:12:29,290 --> 00:12:27,020

prepare to be on television was kind of

264

00:12:32,550 --> 00:12:29,300

interesting and I had to win people's

265

00:12:35,250 --> 00:12:32,560

trust to do that but I was absolutely

266

00:12:39,060 --> 00:12:35,260

overwhelmed at various stages with the

267

00:12:42,340 --> 00:12:39,070

unverifiable reports I had announced

268

00:12:46,600 --> 00:12:42,350

literally I'm not kidding you I probably

269

00:12:49,990 --> 00:12:46,610

would have read over a thousand and I

270

00:12:51,940 --> 00:12:50,000

kept saying please give me your contact

271

00:12:54,160 --> 00:12:51,950

details please let me see you know

272

00:12:58,140 --> 00:12:54,170

please let me find out how this works

273

00:13:01,180 --> 00:12:58,150

what happened and most of the time I

274

00:13:03,550 --> 00:13:01,190

didn't get anything I could actually go

275

00:13:07,330 --> 00:13:03,560

through on so though it's frustrating

276

00:13:09,790 --> 00:13:07,340

because I was trying my best to actually

277

00:13:11,560 --> 00:13:09,800

listen because once things I discovered

278

00:13:15,400 --> 00:13:11,570

in this two and a half year journey is

279

00:13:17,500 --> 00:13:15,410

you have to listen to the stories some

280

00:13:19,450 --> 00:13:17,510

of those stories have signals if you

281

00:13:22,060 --> 00:13:19,460

like they are signals of an underlying

282

00:13:24,250 --> 00:13:22,070

problem and that's why we go into the

283

00:13:25,250 --> 00:13:24,260

polio story with John Fowler mine and

284

00:13:29,280 --> 00:13:25,260

his Sunday

285

00:13:31,019 --> 00:13:29,290

because it was an extremely rare event

286

00:13:33,450 --> 00:13:31,029

what happened to his son and you can see

287

00:13:35,820 --> 00:13:33,460

this in the film but his son acquired

288

00:13:38,670 --> 00:13:35,830

the disease from the live form of the

289

00:13:40,590 --> 00:13:38,680

vaccine no this is between one in a

290

00:13:41,970 --> 00:13:40,600

million or 1 and 2.4 million depending

291

00:13:45,200 --> 00:13:41,980

on where you like to get your thoughts

292

00:13:48,780 --> 00:13:45,210

from but it's an extremely rare event

293

00:13:50,850 --> 00:13:48,790

but what he did was he he followed the

294

00:13:53,550 --> 00:13:50,860

signs and the pathways of how that

295

00:13:57,329 --> 00:13:53,560

happened and it was acknowledged in the

296

00:13:59,460 --> 00:13:57,339

science was understood and so he then

297

00:14:02,579 --> 00:13:59,470

worked hard to change the vaccine to a

298

00:14:05,610 --> 00:14:02,589

better vaccine now that to me is good

299

00:14:09,680 --> 00:14:05,620

activism that's apparent reporting an

300

00:14:11,760 --> 00:14:09,690

adverse reaction and acting on it and

301
00:14:15,269 --> 00:14:11,770
trying to make the world a better place

302
00:14:19,019 --> 00:14:15,279
for everyone but extraordinarily he's

303
00:14:21,180 --> 00:14:19,029
not anti-vaccine I know it was gonna lie

304
00:14:23,040 --> 00:14:21,190
about that so amazing they're still very

305
00:14:25,950 --> 00:14:23,050
much in support of vaccination because

306
00:14:28,380 --> 00:14:25,960
they saw what that disease that affected

307
00:14:30,150 --> 00:14:28,390
had on their side absolutely and the

308
00:14:31,920 --> 00:14:30,160
young boy is also in the film look

309
00:14:35,810 --> 00:14:31,930
filled room who was on front page of the

310
00:14:38,610 --> 00:14:35,820
age in Australia today he's family I

311
00:14:40,710 --> 00:14:38,620
have an extraordinary story of a vaccine

312
00:14:44,400 --> 00:14:40,720
reaction and Sonny are not auntie

313
00:14:48,120 --> 00:14:44,410

vaccine it's remarkable they you know

314

00:14:51,290 --> 00:14:48,130

they realize that then surprise for

315

00:14:54,269 --> 00:14:51,300

Public Health and nobody wants to be it

316

00:14:56,550 --> 00:14:54,279

of course and for that one in a million

317

00:14:58,350 --> 00:14:56,560

a one and 2.4 loon or whatever the stats

318

00:15:01,680 --> 00:14:58,360

for the various vaccines are different

319

00:15:05,970 --> 00:15:01,690

but whatever when it happens to the

320

00:15:09,210 --> 00:15:05,980

individual its catastrophic but English

321

00:15:11,070 --> 00:15:09,220

world of individualism and championing

322

00:15:14,250 --> 00:15:11,080

the rights of each and every one of us

323

00:15:16,500 --> 00:15:14,260

individuals these people remind us that

324

00:15:19,110 --> 00:15:16,510

the values of the community and the

325

00:15:23,699 --> 00:15:19,120

rights of the community are also really

326

00:15:25,440 --> 00:15:23,709

important and I find him here yeah I

327

00:15:27,630 --> 00:15:25,450

mean I think I thought that was one of

328

00:15:29,460 --> 00:15:27,640

the strongest part of the film was

329

00:15:31,890 --> 00:15:29,470

looked at was talking to those parents

330

00:15:34,020 --> 00:15:31,900

who hadn't been through an adverse

331

00:15:36,770 --> 00:15:34,030

reaction that still supported

332

00:15:38,639 --> 00:15:36,780

vaccinations are really incredibly

333

00:15:41,069 --> 00:15:38,649

powerful

334

00:15:44,069 --> 00:15:41,079

so as part of as part of jabs you're

335

00:15:46,470 --> 00:15:44,079

also have also done a survey some of the

336

00:15:49,049 --> 00:15:46,480

results were published this morning you

337

00:15:50,639 --> 00:15:49,059

spoke to 400 parents of which

338

00:15:53,100 --> 00:15:50,649

fifty-three percent said they had

339

00:15:55,590 --> 00:15:53,110

general concerns about the safety of

340

00:15:57,329 --> 00:15:55,600

vaccines in general but forty five

341

00:16:00,809 --> 00:15:57,339

percent still decided to vaccinate

342

00:16:02,069 --> 00:16:00,819

anyway eight percent just wouldn't but

343

00:16:03,840 --> 00:16:02,079

what do you what were some of the

344

00:16:08,009 --> 00:16:03,850

factors that contributed to their fears

345

00:16:10,199 --> 00:16:08,019

about machines well this was a modest

346

00:16:11,939 --> 00:16:10,209

survey Emily we're a television company

347

00:16:13,829 --> 00:16:11,949

we're not a scientific institution

348

00:16:17,790 --> 00:16:13,839

that's run a great big study so i want

349

00:16:21,449 --> 00:16:17,800

to quickly say this and the total sample

350

00:16:26,519 --> 00:16:21,459

group with 1,300 people but yeah but 450

351
00:16:29,790 --> 00:16:26,529
odds were armed Terrence what we see as

352
00:16:31,679 --> 00:16:29,800
an indication here the convention things

353
00:16:33,480 --> 00:16:31,689
one that the younger you are the more

354
00:16:35,160 --> 00:16:33,490
likely you are to have concerns around

355
00:16:40,109 --> 00:16:35,170
the vaccine the grandparents had the

356
00:16:42,269 --> 00:16:40,119
Leafs concerns that younger people of

357
00:16:43,980 --> 00:16:42,279
course which is so self-evident no I

358
00:16:47,939 --> 00:16:43,990
likely to go to the internet for

359
00:16:50,160 --> 00:16:47,949
information and interestingly the

360
00:16:52,079 --> 00:16:50,170
internet proved to be the source of

361
00:16:54,239 --> 00:16:52,089
information for about fifty percent of

362
00:16:56,600 --> 00:16:54,249
people who choose not to vaccinate and

363
00:16:58,980 --> 00:16:56,610

whereas people who do support

364

00:17:01,889 --> 00:16:58,990

vaccination got the vast majority their

365

00:17:03,689 --> 00:17:01,899

information from the GP now this is kind

366

00:17:06,329 --> 00:17:03,699

of self-evident but I think what the

367

00:17:08,519 --> 00:17:06,339

message it has for us is that we must

368

00:17:10,590 --> 00:17:08,529

not underestimate the information on the

369

00:17:12,720 --> 00:17:10,600

internet and it needs to be dealt with

370

00:17:15,029 --> 00:17:12,730

and it needs to be explored and the

371

00:17:18,059 --> 00:17:15,039

concerns need to be listened to and

372

00:17:20,370 --> 00:17:18,069

likewise the role of the GP and the

373

00:17:23,250 --> 00:17:20,380

health care practitioner is vitally

374

00:17:26,610 --> 00:17:23,260

important and one of the most common

375

00:17:28,889 --> 00:17:26,620

criticisms I think I heard talking to

376

00:17:32,039 --> 00:17:28,899

families who were nervous about vaccines

377

00:17:34,560 --> 00:17:32,049

or selective or delay in vaccines was

378

00:17:37,350 --> 00:17:34,570

that they felt their GP didn't listen to

379

00:17:39,269 --> 00:17:37,360

them that their health care practitioner

380

00:17:42,450 --> 00:17:39,279

was arrogant and basically said take

381

00:17:44,519 --> 00:17:42,460

this is good for you and I'm not admit

382

00:17:46,380 --> 00:17:44,529

I've seen this over and over and over

383

00:17:48,470 --> 00:17:46,390

again every country we went to the

384

00:17:51,389 --> 00:17:48,480

medical fraternity basically saying

385

00:17:52,409 --> 00:17:51,399

don't do it because we say so and the

386

00:17:54,869 --> 00:17:52,419

world is changing

387

00:17:56,609 --> 00:17:54,879

you can't you can't do that anymore you

388

00:17:58,919 --> 00:17:56,619

actually have to listen to people's

389

00:18:01,590 --> 00:17:58,929

concerns and you have to answer them as

390

00:18:03,960 --> 00:18:01,600

best as you can and I think that's

391

00:18:05,639 --> 00:18:03,970

reflected in our survey and at the

392

00:18:07,379 --> 00:18:05,649

moment mean the vaccination rate is so

393

00:18:09,720 --> 00:18:07,389

strong in this country so we have not

394

00:18:11,849 --> 00:18:09,730

got a problem I mean since the challenge

395

00:18:13,590 --> 00:18:11,859

of making this film I mean I didn't want

396

00:18:16,109 --> 00:18:13,600

to because up until we have a mighty

397

00:18:17,970 --> 00:18:16,119

problem around vaccines you know we

398

00:18:20,999 --> 00:18:17,980

don't we've got nineteen ninety-three

399

00:18:23,099 --> 00:18:21,009

percent of Australians vaccinating round

400

00:18:26,070 --> 00:18:23,109

about two percent you're choosing not to

401
00:18:29,879 --> 00:18:26,080
an eight percent that do selective or

402
00:18:32,039 --> 00:18:29,889
delaying or anything like 10 percent but

403
00:18:34,200 --> 00:18:32,049
the bit that interests me is the fifty

404
00:18:37,019 --> 00:18:34,210
three percent that said they had some

405
00:18:39,599 --> 00:18:37,029
concerns and some of those concerns a

406
00:18:41,879 --> 00:18:39,609
really mine are vast majority are pain

407
00:18:44,940 --> 00:18:41,889
at the injection site distress to the

408
00:18:48,180 --> 00:18:44,950
child worried about how many vaccines

409
00:18:52,080 --> 00:18:48,190
through to the classic the big one

410
00:18:55,649 --> 00:18:52,090
autism and other things like gun

411
00:18:57,989 --> 00:18:55,659
seizures and and and fevers so the range

412
00:18:59,249 --> 00:18:57,999
of concerns were significant what I

413
00:19:02,190 --> 00:18:59,259

thought was really interesting though is

414

00:19:05,220 --> 00:19:02,200

the autism concerned didn't come up as a

415

00:19:09,419 --> 00:19:05,230

gigantic concern but it came up with the

416

00:19:12,330 --> 00:19:09,429

area of most confusion well people will

417

00:19:15,139 --> 00:19:12,340

put put do not know against the autism

418

00:19:18,180 --> 00:19:15,149

questions far more often than any other

419

00:19:21,060 --> 00:19:18,190

errand in concern and I think what that

420

00:19:24,060 --> 00:19:21,070

tells us is that there's more work to be

421

00:19:26,669 --> 00:19:24,070

done we need to keep reminding people

422

00:19:28,200 --> 00:19:26,679

that the surveys so the studies have

423

00:19:31,919 --> 00:19:28,210

been done the major studies have been

424

00:19:36,479 --> 00:19:31,929

done that over and over again show that

425

00:19:39,749 --> 00:19:36,489

this link is not in any way supported by

426

00:19:42,090 --> 00:19:39,759

hard evidence and that the situation

427

00:19:44,580 --> 00:19:42,100

behind autism is going to be far more

428

00:19:48,450 --> 00:19:44,590

conflict for mostly genetic and you know

429

00:19:50,639 --> 00:19:48,460

and as one of our great characters in

430

00:19:54,090 --> 00:19:50,649

the film in depth of Ingrid surfaces you

431

00:19:56,460 --> 00:19:54,100

know there may be some involvement in

432

00:19:58,560 --> 00:19:56,470

vaccines in a small proportion of cases

433

00:20:00,869 --> 00:19:58,570

but if that's the case we haven't

434

00:20:02,700 --> 00:20:00,879

figured out what's going on yet and the

435

00:20:05,460 --> 00:20:02,710

vast majority it's obviously connected

436

00:20:06,240 --> 00:20:05,470

so we've got a lot more questions that

437

00:20:08,880 --> 00:20:06,250

we need to

438

00:20:11,880 --> 00:20:08,890

the answering there and that means a and

439

00:20:13,950 --> 00:20:11,890

the film both kind of point to can we

440

00:20:16,980 --> 00:20:13,960

not pretend that everything's done and

441

00:20:19,200 --> 00:20:16,990

dusted you know there are questions the

442

00:20:21,150 --> 00:20:19,210

overwhelming and overloading evidence

443

00:20:23,820 --> 00:20:21,160

says vaccines are better than the

444

00:20:26,250 --> 00:20:23,830

alternative which is the disease no

445

00:20:29,520 --> 00:20:26,260

question but can we do better with the

446

00:20:31,650 --> 00:20:29,530

vaccines of course do we know everything

447

00:20:33,450 --> 00:20:31,660

about how our immune systems work well

448

00:20:36,300 --> 00:20:33,460

one of the very first people I spoke to

449

00:20:38,370 --> 00:20:36,310

is Professor on peer ability Nobel Prize

450

00:20:40,290 --> 00:20:38,380

want to no less and he said Sonia we're

451
00:20:42,750 --> 00:20:40,300
only beginning to really understand the

452
00:20:44,790 --> 00:20:42,760
immune system so please you know set off

453
00:20:47,670 --> 00:20:44,800
on your journey on this film yet the

454
00:20:49,920 --> 00:20:47,680
knowledge that you've always got places

455
00:20:52,350 --> 00:20:49,930
to travel to an information we need to

456
00:20:54,900 --> 00:20:52,360
gather and I guess that's that's

457
00:20:58,020 --> 00:20:54,910
something I've tried to bring to this

458
00:21:02,460 --> 00:20:58,030
that I'm not offering the truth whatever

459
00:21:05,220 --> 00:21:02,470
that may be about vaccines I'm saying in

460
00:21:09,420 --> 00:21:05,230
a complex world with a complex decision

461
00:21:12,870 --> 00:21:09,430
to make you have to assess risk and the

462
00:21:15,470 --> 00:21:12,880
bottom line is where it makes perfect

463
00:21:19,620 --> 00:21:15,480

sense to be scared of the diseases and

464

00:21:22,590 --> 00:21:19,630

scared of the vaccines okay that's not

465

00:21:25,350 --> 00:21:22,600

only have a normal thing but when you

466

00:21:27,660 --> 00:21:25,360

look at the evidence the fear under

467

00:21:30,480 --> 00:21:27,670

diseases is far more warranted and far

468

00:21:33,600 --> 00:21:30,490

more real and far more likely to impact

469

00:21:35,220 --> 00:21:33,610

tube then the miniscule chance of

470

00:21:37,980 --> 00:21:35,230

something happening when the vaccine I

471

00:21:41,160 --> 00:21:37,990

think one of the most powerful scenes

472

00:21:44,760 --> 00:21:41,170

with that scene was with dr. Paul Offit

473

00:21:47,190 --> 00:21:44,770

are rolling out the iron lung and it

474

00:21:48,600 --> 00:21:47,200

seems now that I guess and you mentioned

475

00:21:50,160 --> 00:21:48,610

is in the film that vaccines are a

476

00:21:52,680 --> 00:21:50,170

victim of their own success in that we

477

00:21:54,930 --> 00:21:52,690

don't see these diseases anymore so we

478

00:21:57,450 --> 00:21:54,940

elevate the threat from the risk of the

479

00:22:00,600 --> 00:21:57,460

adverse event as opposed to be you know

480

00:22:04,020 --> 00:22:00,610

side effect of the disease yeah do you

481

00:22:06,420 --> 00:22:04,030

think that's a problem yeah I think that

482

00:22:08,820 --> 00:22:06,430

that's a delicate dance with we've got

483

00:22:12,600 --> 00:22:08,830

to try and find at the moment because if

484

00:22:14,220 --> 00:22:12,610

we are to fight into the vaccines will

485

00:22:15,630 --> 00:22:14,230

forget to be frightened at the disease

486

00:22:16,830 --> 00:22:15,640

and that's one of the reasons why the

487

00:22:19,470 --> 00:22:16,840

film

488

00:22:21,570 --> 00:22:19,480

it's been called brutal by some and I

489

00:22:24,510 --> 00:22:21,580

guess it is brutal in some ways because

490

00:22:29,580 --> 00:22:24,520

I wanted to really hit hard that these

491

00:22:32,610 --> 00:22:29,590

diseases are not to be at excuse a

492

00:22:34,950 --> 00:22:32,620

terrible pun but um but you know these

493

00:22:38,010 --> 00:22:34,960

diseases are real and frightening and

494

00:22:40,710 --> 00:22:38,020

can be devastating so we ignore the

495

00:22:42,450 --> 00:22:40,720

diseases that uphill it would become

496

00:22:44,310 --> 00:22:42,460

overly focused on the fear of the

497

00:22:47,039 --> 00:22:44,320

vaccines we're losing the point from

498

00:22:49,919 --> 00:22:47,049

missing the point well yeah the big

499

00:22:51,659 --> 00:22:49,929

thing is that we've got to keep talking

500

00:22:53,909 --> 00:22:51,669

you know one of the things that makes me

501
00:22:57,180 --> 00:22:53,919
nervous is when we shut down the people

502
00:23:00,960 --> 00:22:57,190
who have concerns when we immediately

503
00:23:02,940 --> 00:23:00,970
say oh they must be anti-vaccine and

504
00:23:06,269 --> 00:23:02,950
what I discovered in the last two and a

505
00:23:08,460 --> 00:23:06,279
half years is that I sit with groups of

506
00:23:10,950 --> 00:23:08,470
mums and dads particularly mums and I

507
00:23:12,630 --> 00:23:10,960
did this on the weekend actually and in

508
00:23:15,720 --> 00:23:12,640
the group will be one more matter if

509
00:23:18,060 --> 00:23:15,730
they can who will have a question about

510
00:23:19,710 --> 00:23:18,070
their scared about this vaccine or that

511
00:23:22,049 --> 00:23:19,720
vaccine and perhaps they've delayed it

512
00:23:24,690 --> 00:23:22,059
and haven't done it yet and the rest of

513
00:23:26,519 --> 00:23:24,700

the month turn on them and and hit them

514

00:23:29,070 --> 00:23:26,529

you know with a ton of concrete

515

00:23:30,600 --> 00:23:29,080

basically and that person will kind of

516

00:23:32,490 --> 00:23:30,610

shrink and disappear off into the

517

00:23:34,230 --> 00:23:32,500

background and what I need was I said

518

00:23:36,840 --> 00:23:34,240

scuze me can tell me why why you've

519

00:23:38,460 --> 00:23:36,850

hesitated grandis vaccine and turned out

520

00:23:40,740 --> 00:23:38,470

she had this complicated story about

521

00:23:42,269 --> 00:23:40,750

having a premature baby and the baby had

522

00:23:44,610 --> 00:23:42,279

all sorts of complications from being

523

00:23:46,950 --> 00:23:44,620

friend and actually she had every right

524

00:23:49,620 --> 00:23:46,960

to be nervous and when the list of the

525

00:23:52,320 --> 00:23:49,630

group listen to her they softened and

526
00:23:53,940 --> 00:23:52,330
brought her into the group and the woman

527
00:23:56,639 --> 00:23:53,950
was giving far more comfortable about

528
00:23:58,230 --> 00:23:56,649
talking about leg sense and I think

529
00:24:01,200 --> 00:23:58,240
there's a little message in that for all

530
00:24:03,149 --> 00:24:01,210
of us but just because someone has

531
00:24:05,840 --> 00:24:03,159
questions doesn't mean that they are

532
00:24:08,549 --> 00:24:05,850
against vaccines or pose two vaccines

533
00:24:10,139 --> 00:24:08,559
I've found a very short quick way of

534
00:24:13,409 --> 00:24:10,149
finding out if someone is actually

535
00:24:15,210 --> 00:24:13,419
hesitant or opposed and when they say to

536
00:24:16,830 --> 00:24:15,220
me I'm not anti-vaccine I've just got

537
00:24:18,539 --> 00:24:16,840
questions and I go great don't tell me

538
00:24:20,460 --> 00:24:18,549

what are your questions and they tell me

539

00:24:22,919 --> 00:24:20,470

the question and then I say so which

540

00:24:24,810 --> 00:24:22,929

vaccines would you like to use which

541

00:24:27,450 --> 00:24:24,820

diseases would you like to be protected

542

00:24:28,919 --> 00:24:27,460

from using the vaccines and usually

543

00:24:30,450 --> 00:24:28,929

people will say things oh I definitely

544

00:24:32,220 --> 00:24:30,460

want the polio

545

00:24:34,350 --> 00:24:32,230

I want the tetanus and I want this one

546

00:24:36,360 --> 00:24:34,360

but I'm not so sure about that one and

547

00:24:37,740 --> 00:24:36,370

once you start that conversation then

548

00:24:39,840 --> 00:24:37,750

you realize they're not against a

549

00:24:42,240 --> 00:24:39,850

vaccination they've got things that they

550

00:24:46,530 --> 00:24:42,250

need answered but Mum people will

551
00:24:48,300 --> 00:24:46,540
quickly say none they don't want any of

552
00:24:50,340 --> 00:24:48,310
the vaccines and then you've got on your

553
00:24:52,440 --> 00:24:50,350
hey well I'm sorry this is a

554
00:24:53,730 --> 00:24:52,450
conversation I don't think we're

555
00:24:56,100 --> 00:24:53,740
actually having a conversation I think

556
00:24:57,870 --> 00:24:56,110
you've got your position and obviously

557
00:25:00,090 --> 00:24:57,880
I've got mine and I'm not sure we're

558
00:25:01,590 --> 00:25:00,100
going to find common ground i'm going to

559
00:25:05,340 --> 00:25:01,600
try really hard to find common ground

560
00:25:07,440 --> 00:25:05,350
but i'm not sure it's there so I mean

561
00:25:09,360 --> 00:25:07,450
this the idea that there's quite a few

562
00:25:12,210 --> 00:25:09,370
parents on the fence if you like or if

563
00:25:14,310 --> 00:25:12,220

you are confused do you hope that the

564

00:25:19,310 --> 00:25:14,320

conversation that gets started by jabbed

565

00:25:21,540 --> 00:25:19,320

will allow some of their fears I hope so

566

00:25:24,240 --> 00:25:21,550

I've been do we done quite a lot of

567

00:25:28,200 --> 00:25:24,250

audience testing at the end of the the

568

00:25:30,810 --> 00:25:28,210

film and what we find that happens is

569

00:25:34,050 --> 00:25:30,820

most people who are in support of

570

00:25:36,660 --> 00:25:34,060

vaccinations feel affirmed that they

571

00:25:38,250 --> 00:25:36,670

feel like they understand yup the risk

572

00:25:41,280 --> 00:25:38,260

of the disease disease is important

573

00:25:43,320 --> 00:25:41,290

carry on the people who are hesitant the

574

00:25:45,480 --> 00:25:43,330

most common thing I get is I think I

575

00:25:48,830 --> 00:25:45,490

need to go and talk to my my doctor or

576
00:25:51,420 --> 00:25:48,840
my immunization nurse and that's great

577
00:25:53,940 --> 00:25:51,430
interestingly we screened it to groups

578
00:25:56,640 --> 00:25:53,950
of people who have chosen not to have

579
00:25:59,700 --> 00:25:56,650
vaccines and I've had a range of

580
00:26:02,070 --> 00:25:59,710
responses 1 which was really profound

581
00:26:03,510 --> 00:26:02,080
was from one gentleman he said to me we

582
00:26:06,120 --> 00:26:03,520
made our decision not to vaccinate our

583
00:26:07,890 --> 00:26:06,130
children 20 years ago and I've realized

584
00:26:10,050 --> 00:26:07,900
that I've forgotten to tell my children

585
00:26:12,120 --> 00:26:10,060
that they're not vaccinated and they're

586
00:26:13,620 --> 00:26:12,130
about to go traveling Europe and about I

587
00:26:16,260 --> 00:26:13,630
need to tell them so they can make their

588
00:26:18,750 --> 00:26:16,270

own decisions and I thought thank you

589

00:26:22,890 --> 00:26:18,760

that's that's the beginning of a really

590

00:26:26,760 --> 00:26:22,900

useful conversation he's not going to

591

00:26:30,090 --> 00:26:26,770

change his mind but he is reminded of

592

00:26:32,100 --> 00:26:30,100

the threat of the diseases and that his

593

00:26:34,140 --> 00:26:32,110

kids are now early 20s it's time for

594

00:26:37,260 --> 00:26:34,150

them to make their own decisions around

595

00:26:40,020 --> 00:26:37,270

that and personally you know that that

596

00:26:43,590 --> 00:26:40,030

that's all I can try and do is start the

597

00:26:44,220 --> 00:26:43,600

conversation yeah well I have been

598

00:26:45,840 --> 00:26:44,230

fortunate

599

00:26:48,180 --> 00:26:45,850

to see a preview of jabbed and I was

600

00:26:50,850 --> 00:26:48,190

incredibly impressed and I teared up in

601
00:26:53,760 --> 00:26:50,860
part of it as well Sonya so I think it's

602
00:26:56,520 --> 00:26:53,770
um you've managed to get the emotive

603
00:26:58,500 --> 00:26:56,530
side over but also the fireside so it's

604
00:27:01,049 --> 00:26:58,510
accurate and it's a motive I think the

605
00:27:03,330 --> 00:27:01,059
message is very strong so everyone

606
00:27:05,400 --> 00:27:03,340
should tune in on Sunday on SBS at

607
00:27:08,130 --> 00:27:05,410
eight-thirty and are you doing any

608
00:27:11,600 --> 00:27:08,140
interactive stuff while it's on we don't

609
00:27:16,200 --> 00:27:11,610
get over armed absolutely the hashtag is

610
00:27:18,180 --> 00:27:16,210
hashtag jabs SBS so you can tweet

611
00:27:22,049 --> 00:27:18,190
throughout and they'll be a chat

612
00:27:24,000 --> 00:27:22,059
afterwards and we have jab TV the

613
00:27:27,000 --> 00:27:24,010

facebook site and people be commenting

614

00:27:29,490 --> 00:27:27,010

there and on the SBS website they're

615

00:27:31,020 --> 00:27:29,500

hosting the word decide there's a

616

00:27:34,310 --> 00:27:31,030

conversation and that the chat area

617

00:27:37,260 --> 00:27:34,320

there I would love people who are

618

00:27:39,419 --> 00:27:37,270

interested in engaging to get involved

619

00:27:41,669 --> 00:27:39,429

because it'd be nice to try and break

620

00:27:44,250 --> 00:27:41,679

out of the usual kind of shouting match

621

00:27:46,560 --> 00:27:44,260

I'm not sure that's possible but it'd be

622

00:27:48,330 --> 00:27:46,570

really nice just to kind of try this

623

00:27:50,400 --> 00:27:48,340

thing of it to each other and see what

624

00:27:52,530 --> 00:27:50,410

happens but then we're definitely taking

625

00:27:54,360 --> 00:27:52,540

Q&A after the show with well for a

626
00:27:55,590 --> 00:27:54,370
couple of hours after the show so just

627
00:27:57,330 --> 00:27:55,600
finally Sonia where can our

628
00:27:59,450 --> 00:27:57,340
international business see jab will it

629
00:28:04,350 --> 00:27:59,460
be released across the world at any time

630
00:28:06,659 --> 00:28:04,360
yes PBS are going to release it across

631
00:28:10,020 --> 00:28:06,669
the u.s. towards the end of the year

632
00:28:12,960 --> 00:28:10,030
we're reshooting some sequences to make

633
00:28:15,539 --> 00:28:12,970
them more American and more sex to the

634
00:28:17,100 --> 00:28:15,549
american issues that's happening at the

635
00:28:18,380 --> 00:28:17,110
moment we're filming actually literally

636
00:28:20,909 --> 00:28:18,390
at the moment it's happening right now

637
00:28:22,799 --> 00:28:20,919
we're filming a baby with whooping cough

638
00:28:24,330 --> 00:28:22,809

on an ECMO machine on a heart-lung

639

00:28:26,220 --> 00:28:24,340

transplant machine so to be

640

00:28:28,440 --> 00:28:26,230

extraordinary for watching that footage

641

00:28:30,510 --> 00:28:28,450

comes through every night for the rest

642

00:28:33,830 --> 00:28:30,520

of the world various broadcasters are

643

00:28:37,200 --> 00:28:33,840

picking it up at the moment please lobby

644

00:28:40,470 --> 00:28:37,210

the BBC channel 4 channel 5 the UK have

645

00:28:42,720 --> 00:28:40,480

not yet decided who's taking it we would

646

00:28:44,190 --> 00:28:42,730

love to see it on one of those networks

647

00:28:46,950 --> 00:28:44,200

and it's being released across Europe

648

00:28:49,620 --> 00:28:46,960

through arte and we'll post it on our

649

00:28:51,780 --> 00:28:49,630

gene pool website as gene pool

650

00:28:53,100 --> 00:28:51,790

productions and we'll post where it's

651
00:28:56,580 --> 00:28:53,110
going people east around the world as it

652
00:28:58,080 --> 00:28:56,590
comes fantastic what's on your I just

653
00:28:59,669 --> 00:28:58,090
want to say congratulations

654
00:29:01,649 --> 00:28:59,679
and I'm sure a lot of our listeners will

655
00:29:03,120 --> 00:29:01,659
also agree that it's fantastic

656
00:29:05,010 --> 00:29:03,130
documentary and thanks for taking the

657
00:29:06,330 --> 00:29:05,020
time to talk to us today thank you so

658
00:29:17,580 --> 00:29:06,340
much for giving me the opportunity I

659
00:29:19,919 --> 00:29:17,590
really appreciate it hi this is Tim

660
00:29:22,830 --> 00:29:19,929
barley you probably know me from what's

661
00:29:25,019 --> 00:29:22,840
the harm net a catalog of the real world

662
00:29:28,740 --> 00:29:25,029
harm caused by lack of critical thinking

663
00:29:31,950 --> 00:29:28,750

but that's not my only project i present

664

00:29:34,230 --> 00:29:31,960

at skeptic events I post a daily skeptic

665

00:29:37,049 --> 00:29:34,240

history fact on Twitter and Facebook and

666

00:29:40,139 --> 00:29:37,059

I blog about using new techniques on the

667

00:29:43,500 --> 00:29:40,149

internet to advance skepticism come over

668

00:29:46,769 --> 00:29:43,510

to skip tools com and check out my

669

00:30:05,220 --> 00:29:46,779

latest ideas but first enjoy the rest of

670

00:30:13,350 --> 00:30:09,450

alone from the mind-body-spirit festival

671

00:30:15,940 --> 00:30:13,360

2013 in maine sydney a very noisy

672

00:30:17,620 --> 00:30:15,950

mind-body-spirit festival rows and rows

673

00:30:20,080 --> 00:30:17,630

here at the convention center little

674

00:30:23,320 --> 00:30:20,090

stalls selling lots of things let me see

675

00:30:29,169 --> 00:30:23,330

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

676
00:30:33,830 --> 00:30:29,179
blood analysis clairvoyant medium stand

677
00:30:38,080 --> 00:30:33,840
yo girl herbs and spices dr. pens pain

678
00:30:42,350 --> 00:30:38,090
relief copies pure beeswax candles your

679
00:30:44,539 --> 00:30:42,360
personal horoscope here and now with

680
00:30:48,700 --> 00:30:44,549
equinox astrology human awareness

681
00:30:53,210 --> 00:30:48,710
Institute Aquarian pearls ketonic

682
00:30:57,230 --> 00:30:53,220
iridology Singh bold it goes on and on

683
00:30:59,420 --> 00:30:57,240
at the end of this Avenue I'm walking

684
00:31:01,700 --> 00:30:59,430
down now

685
00:31:06,440 --> 00:31:01,710
as you can hear it seems do something

686
00:31:08,930 --> 00:31:06,450
happening on stage very loud well so we

687
00:31:11,900 --> 00:31:08,940
got here ginger drink so they can't be

688
00:31:15,080 --> 00:31:11,910

too bad animal talk animal whisperer I

689

00:31:16,370 --> 00:31:15,090

like to whisper to my animals let's see

690

00:31:32,269 --> 00:31:16,380

what's going out the end of this little

691

00:31:41,060 --> 00:31:36,209

what is it about the New Age drumming is

692

00:31:45,419 --> 00:31:41,070

it because thumbs are easy to play about

693

00:31:49,169 --> 00:31:45,429

25 men and women on stage dressed in

694

00:31:56,640 --> 00:31:49,179

black shirts with tartan all just

695

00:32:03,360 --> 00:32:00,090

Leslie and Harry psychic realms looks

696

00:32:13,320 --> 00:32:03,370

very nice Indian spirit guides Indians

697

00:32:18,940 --> 00:32:15,550

now the drumming has died down I was

698

00:32:24,910 --> 00:32:18,950

just at the stand of bio flow unique

699

00:32:27,280 --> 00:32:24,920

natural pain relief wristbands they look

700

00:32:29,890 --> 00:32:27,290

exactly like power balance and the guy

701
00:32:31,990 --> 00:32:29,900
told me to piss off when I started

702
00:32:34,240 --> 00:32:32,000
asking questions I think that's a bit of

703
00:32:35,800 --> 00:32:34,250
a red flag if you ask questions and

704
00:32:37,870 --> 00:32:35,810
someone says here to piss off get away

705
00:32:38,980 --> 00:32:37,880
yeah I think that's pretty big red flag

706
00:32:43,690 --> 00:32:38,990
I think I'm going to look more into

707
00:32:46,600 --> 00:32:43,700
these bio flow wristbands I can't

708
00:32:49,750 --> 00:32:46,610
believe that sticks still going on well

709
00:32:51,280 --> 00:32:49,760
as you know I try to come to this first

710
00:32:53,520 --> 00:32:51,290
of all every six months and it's every

711
00:32:56,700 --> 00:32:53,530
six months here in Sydney

712
00:32:59,130 --> 00:32:56,710
I'm delighted to say it's more and more

713
00:33:02,670 --> 00:32:59,140

just general woo woo you know psychic

714

00:33:05,580 --> 00:33:02,680

readings and pleasant smells and I don't

715

00:33:08,750 --> 00:33:05,590

know this that the other and far less of

716

00:33:12,200 --> 00:33:08,760

the outright utter quackery although

717

00:33:16,410 --> 00:33:12,210

there are people doing things like

718

00:33:18,270 --> 00:33:16,420

allergy testing using machines miles of

719

00:33:20,760 --> 00:33:18,280

substances based on how many epic

720

00:33:23,700 --> 00:33:20,770

principles or something like that

721

00:33:25,920 --> 00:33:23,710

but here's an interesting one all go and

722

00:33:29,390 --> 00:33:25,930

effects Australia and they're selling

723

00:33:31,830 --> 00:33:29,400

devices to protect your water bottles

724

00:33:39,710 --> 00:33:31,840

mobile phones and anything else from

725

00:33:44,480 --> 00:33:41,659

earlier and asked passing this they were

726

00:33:47,590 --> 00:33:44,490

using dowsing rods to show the how these

727

00:33:51,190 --> 00:33:47,600

pendants and things protector on that

728

00:33:53,770 --> 00:33:51,200

naudia radiation-free geo perfect stress

729

00:33:56,380 --> 00:33:53,780

readings are they sell things to plug

730

00:33:59,950 --> 00:33:56,390

into your PowerPoint which cleanse your

731

00:34:01,810 --> 00:33:59,960

house from geo pathak stress this is a

732

00:34:06,109 --> 00:34:01,820

job for consumer affairs I'll grab their

733

00:34:09,919 --> 00:34:08,210

now somebody asked me before why do I

734

00:34:11,480 --> 00:34:09,929

keep coming back to these things why do

735

00:34:13,839 --> 00:34:11,490

I keep going back to mind body spirit

736

00:34:16,009 --> 00:34:13,849

vessel on my buddy wallet as we call it

737

00:34:17,359 --> 00:34:16,019

well it's because I don't want to be an

738

00:34:21,019 --> 00:34:17,369

armchair skeptic I want to get out there

739

00:34:22,369 --> 00:34:21,029

see what's going on see things like the

740

00:34:23,960 --> 00:34:22,379

fact that there's not so much of the

741

00:34:27,109 --> 00:34:23,970

dangerous quickly in fact I haven't seen

742

00:34:28,940 --> 00:34:27,119

anyone promising making cure cancer and

743

00:34:30,609 --> 00:34:28,950

years ago when I came here there were

744

00:34:34,370 --> 00:34:30,619

people promising they could cure cancer

745

00:34:36,440 --> 00:34:34,380

so that looks like it's gone

746

00:34:38,390 --> 00:34:36,450

but I still recommend it I still

747

00:34:39,950 --> 00:34:38,400

recommended any good skeptic if you have

748

00:34:42,830 --> 00:34:39,960

the chance should visit a new age fair

749

00:35:02,900 --> 00:34:42,840

walk around and ask questions it's it's

750

00:35:04,640 --> 00:35:02,910

well worth it this is ben Radford I'm

751

00:35:06,530 --> 00:35:04,650

deputy editor of skeptical Inquirer

752

00:35:09,110 --> 00:35:06,540

science magazine author of six books

753

00:35:10,520 --> 00:35:09,120

including try and chupacabra and you can

754

00:35:19,100 --> 00:35:10,530

find out more about me at Benjamin

755

00:35:22,400 --> 00:35:19,110

Radford com welcome to a week in science

756

00:35:24,710 --> 00:35:22,410

from our iOS this week new human stem

757

00:35:32,980 --> 00:35:24,720

cells the oldest monkey and a and

758

00:35:39,260 --> 00:35:36,079

for the first time ever scientists have

759

00:35:41,750 --> 00:35:39,270

made human embryonic stem cells they

760

00:35:44,030 --> 00:35:41,760

first removed the nucleus from a human

761

00:35:46,460 --> 00:35:44,040

egg then replaced it with the nucleus

762

00:35:48,800 --> 00:35:46,470

from a donor skin cell these immature

763

00:35:51,349 --> 00:35:48,810

cells resemble those derived from

764

00:35:53,540 --> 00:35:51,359

embryos fertilized with sperm and can

765

00:35:56,630 --> 00:35:53,550

develop into different specialized cells

766

00:35:58,550 --> 00:35:56,640

they are almost genetically identical to

767

00:36:00,800 --> 00:35:58,560

the donors own cells and can

768

00:36:02,680 --> 00:36:00,810

theoretically be used to make new organs

769

00:36:07,310 --> 00:36:02,690

and tissues to replace diseased

770

00:36:09,109 --> 00:36:07,320

dysfunctional or damaged ones this week

771

00:36:11,540 --> 00:36:09,119

scientists announced the discovery of

772

00:36:15,050 --> 00:36:11,550

the world's oldest fossil ape and the

773

00:36:17,900 --> 00:36:15,060

world's oldest old world monkey the ape

774

00:36:21,260 --> 00:36:17,910

was identified by a partial jawbone and

775

00:36:23,270 --> 00:36:21,270

the monkey by just a single tooth both

776

00:36:25,910 --> 00:36:23,280

were recovered from a layer of Earth in

777

00:36:28,640 --> 00:36:25,920

the African Rift Valley in Tanzania that

778

00:36:31,490 --> 00:36:28,650

had already been precisely dated to 25

779

00:36:34,040 --> 00:36:31,500

point two million years old the ape has

780

00:36:35,960 --> 00:36:34,050

been named require *Pittacus* require

781

00:36:38,089 --> 00:36:35,970

after the area where the specimen was

782

00:36:40,910 --> 00:36:38,099

found and pithy curse from the greek

783

00:36:44,420 --> 00:36:40,920

word for ape you're listening to a week

784

00:36:47,150 --> 00:36:44,430

in science from our iOS and now for

785

00:36:48,859 --> 00:36:47,160

science headlines in 30 seconds a link

786

00:36:51,380 --> 00:36:48,869

has been found between traffic air

787

00:36:53,960 --> 00:36:51,390

pollution and an increased risk of

788

00:36:55,970 --> 00:36:53,970

insulin resistance in children another

789

00:36:58,010 --> 00:36:55,980

link has been found between exposure to

790

00:37:00,950 --> 00:36:58,020

Agent Orange and lethal forms of

791

00:37:03,050 --> 00:37:00,960

prostate cancer in US veterans climate

792

00:37:04,970 --> 00:37:03,060

change will have the living space for

793

00:37:07,550 --> 00:37:04,980

more than fifty percent of all plants

794

00:37:10,400 --> 00:37:07,560

and thirty percent of all animals by

795

00:37:11,990 --> 00:37:10,410

2018 and researching how alligators

796

00:37:14,750 --> 00:37:12,000

replace their teeth throughout their

797

00:37:18,289 --> 00:37:14,760

lives may one day save you a trip to the

798

00:37:22,539 --> 00:37:20,599

and finally this week printing

799

00:37:25,160 --> 00:37:22,549

electronic circuits onto paper

800

00:37:27,859 --> 00:37:25,170

researchers have developed an ink that

801

00:37:30,529 --> 00:37:27,869

conducts electricity new printing

802

00:37:32,809 --> 00:37:30,539

devices and specially coated paper that

803

00:37:34,579 --> 00:37:32,819

allows electronic circuits to be printed

804

00:37:36,289 --> 00:37:34,589

at room temperature this could

805

00:37:38,419 --> 00:37:36,299

revolutionize the development and

806

00:37:41,150 --> 00:37:38,429

manufacture of many electronic devices

807

00:37:43,370 --> 00:37:41,160

you can download a circuit diagram for

808

00:37:45,199 --> 00:37:43,380

any electrical device and then send it

809

00:37:48,559 --> 00:37:45,209

to a special printer connected to your

810

00:37:50,929 --> 00:37:48,569

home computer as an added bonus the inks

811

00:37:54,769 --> 00:37:50,939

can be collected and reused giving the

812

00:37:57,049 --> 00:37:54,779

technology some green credentials this

813

00:37:59,689 --> 00:37:57,059

Saturday is international fascination of

814

00:38:02,630 --> 00:37:59,699

plants day it's an opportunity for you

815

00:38:04,939 --> 00:38:02,640

to rediscover your inner botanist there

816

00:38:07,189 --> 00:38:04,949

are activities all over Australia and

817

00:38:08,779 --> 00:38:07,199

check out the Arias website for tour

818

00:38:11,209 --> 00:38:08,789

information of the adelaide botanic

819

00:38:13,459 --> 00:38:11,219

garden that's been the highlights of

820

00:38:16,039 --> 00:38:13,469

another big week in science for more

821

00:38:21,589 --> 00:38:16,049

information and other science news check

822

00:38:24,259 --> 00:38:21,599

out the Arias website are I aus org a

823

00:38:27,140 --> 00:38:24,269

you where you can also sign up for

824

00:38:28,789 --> 00:38:27,150

notifications of future episodes you can

825

00:38:32,449 --> 00:38:28,799

follow a week in science on Twitter

826

00:38:34,880 --> 00:38:32,459

using the hashtag week inside I'm Tony

827

00:38:45,820 --> 00:38:34,890

Amaya and on behalf of the Arias team

828

00:38:52,340 --> 00:38:48,470

nice interracial teen darshan skeptic

829

00:38:56,960 --> 00:38:52,350

zone bascially su Amiga won't escape toy

830

00:39:00,200 --> 00:38:56,970

talk on da CA n sceptile chica crucial a

831

00:39:03,140 --> 00:39:00,210

podcast GMO a momentito with her own see

832

00:39:05,990 --> 00:39:03,150

no party pocket and Helios intertwined

833

00:39:10,190 --> 00:39:06,000

solution in more'n for Josh attention

834

00:39:13,880 --> 00:39:10,200

chatty Lana cncl link li dao itunes the

835

00:39:17,030 --> 00:39:13,890

true 11 jan SATA sceptile photoshop on

836

00:39:19,430 --> 00:39:17,040

well one of the ones skeptically does

837

00:39:19,430 --> 00:39:19,440

the end

838

00:39:25,099 --> 00:39:22,730

the script I'd science podcast by brian

839

00:39:27,589 --> 00:39:25,109

dunning is now available for Chinese

840

00:39:31,160 --> 00:39:27,599

audience please tell your Chinese

841

00:39:34,010 --> 00:39:31,170

friends to visit skip toy con dos en a

842

00:39:47,670 --> 00:39:34,020

fine skipped hoid on the Chinese itunes

843

00:39:56,000 --> 00:39:52,109

here's my not spooky action at a

844

00:40:01,230 --> 00:39:58,620

no have you had to have an operation

845

00:40:04,260 --> 00:40:01,240

we've had to have a general anesthetic I

846

00:40:05,970 --> 00:40:04,270

I have it certainly many people have its

847

00:40:08,190 --> 00:40:05,980

experience that most of us will undergo

848

00:40:10,320 --> 00:40:08,200

usually sometime during our lives and

849

00:40:11,970 --> 00:40:10,330

despite certainly being a miracle of

850

00:40:15,120 --> 00:40:11,980

modern medicine i believe it was once

851

00:40:16,860 --> 00:40:15,130

described as God's gift to mankind by a

852

00:40:18,780 --> 00:40:16,870

great philosopher it can be an

853

00:40:20,880 --> 00:40:18,790

experience scary experience and one that

854

00:40:23,010 --> 00:40:20,890

we don't fully understand because it

855

00:40:25,680 --> 00:40:23,020

certainly requires a lot of training how

856

00:40:28,320 --> 00:40:25,690

deep how deep and sleep do we have to be

857

00:40:29,610 --> 00:40:28,330

a model a long-term effects of

858

00:40:31,890 --> 00:40:29,620

anesthetic we have on the phone

859

00:40:33,600 --> 00:40:31,900

professor timothy short Auckland City

860

00:40:36,390 --> 00:40:33,610

Hospital New Zealand hello Timothy how

861

00:40:39,120 --> 00:40:36,400

are you hello first of all I'd like to

862

00:40:41,010 --> 00:40:39,130

our and this assists the biggest party

863

00:40:42,450 --> 00:40:41,020

is in the medical world every nice

864

00:40:46,740 --> 00:40:42,460

assist I've met has been someone who

865

00:40:50,070 --> 00:40:46,750

knows how to party definitely not it is

866

00:40:51,840 --> 00:40:50,080

a fiver all day okay because it's a

867

00:40:53,250 --> 00:40:51,850

rumor that we might have got from maybe

868

00:40:56,430 --> 00:40:53,260

watching mash or something like that

869

00:40:59,280 --> 00:40:56,440

snooze it's just not right I just wish

870

00:41:00,810 --> 00:40:59,290

my career was that good well you've

871

00:41:02,700 --> 00:41:00,820

certainly you've certainly had a

872

00:41:04,200 --> 00:41:02,710

distinguished career I mean to be doing

873

00:41:06,240 --> 00:41:04,210

what you're doing at the moment in fact

874

00:41:08,160 --> 00:41:06,250

how long do you have to train and study

875

00:41:11,250 --> 00:41:08,170

to be in an SS a lot of people might not

876

00:41:13,140 --> 00:41:11,260

know that well you do your normal six

877

00:41:14,640 --> 00:41:13,150

years at Medical School and usually

878

00:41:17,520 --> 00:41:14,650

after a couple of years of clinical

879

00:41:19,710 --> 00:41:17,530

experience you specialize and if you

880

00:41:21,570 --> 00:41:19,720

choose anesthesia the full training is

881

00:41:24,720 --> 00:41:21,580

another five years before you're allowed

882

00:41:26,910 --> 00:41:24,730

to be an independent specialist well and

883

00:41:28,820 --> 00:41:26,920

what drew you to that I always like to

884

00:41:31,320 --> 00:41:28,830

know why certain doctors become

885

00:41:34,170 --> 00:41:31,330

dermatologists or heart surgeons while

886

00:41:36,510 --> 00:41:34,180

because that it can be a tricky one you

887

00:41:37,920 --> 00:41:36,520

I mean you can't I mean the surgeons

888

00:41:39,480 --> 00:41:37,930

doing operation but you've certainly

889

00:41:43,110 --> 00:41:39,490

your response you can kill the patient

890

00:41:45,300 --> 00:41:43,120

on your own lawn trilling oh no I mean

891

00:41:47,130 --> 00:41:45,310

they'd think I can safely guide them

892

00:41:48,990 --> 00:41:47,140

through the trauma of the operation I'll

893

00:41:50,250 --> 00:41:49,000

see we'll see that's me half glass empty

894

00:41:52,260 --> 00:41:50,260

kind of thing that's why i would never

895

00:41:54,960 --> 00:41:52,270

been in easiest just I'd be just so

896

00:41:56,580 --> 00:41:54,970

scared that I had this person's life in

897

00:41:57,570 --> 00:41:56,590

my hands all the time and that's why I

898

00:42:00,750 --> 00:41:57,580

wondered why you would choose that

899

00:42:03,690 --> 00:42:00,760

particular branch of medicine I think

900

00:42:05,160 --> 00:42:03,700

it's a very satisfying career and you

901
00:42:07,140 --> 00:42:05,170
know it's quite a challenge and a lot of

902
00:42:08,910 --> 00:42:07,150
us like it it's certainly a lot more

903
00:42:12,420 --> 00:42:08,920
complicated and a lot of people believe

904
00:42:14,040 --> 00:42:12,430
sort of gone to sleep that yeah and that

905
00:42:16,470 --> 00:42:14,050
that's why we've got to hear because a

906
00:42:18,570 --> 00:42:16,480
lot of people think oh I'm out it's like

907
00:42:19,980 --> 00:42:18,580
it's like a 0 or 1 i'm either here or

908
00:42:22,890 --> 00:42:19,990
there not that's certainly not the case

909
00:42:24,720 --> 00:42:22,900
this is Professor know basically once

910
00:42:27,210 --> 00:42:24,730
you're asleep we can sort of run you at

911
00:42:29,250 --> 00:42:27,220
any level of depth you know in terms of

912
00:42:31,380 --> 00:42:29,260
how deeply we shut down the brain and

913
00:42:35,130 --> 00:42:31,390

shut down the body's reflexes and

914

00:42:38,520 --> 00:42:35,140

response to pain and trauma you know the

915

00:42:40,230 --> 00:42:38,530

surgery that's occurring and how do you

916

00:42:43,320 --> 00:42:40,240

decide what level that is is a

917

00:42:45,690 --> 00:42:43,330

consultation hospital visit operation

918

00:42:46,920 --> 00:42:45,700

specific or as a doctor going to tell

919

00:42:48,390 --> 00:42:46,930

you know this patient needs to be more

920

00:42:51,360 --> 00:42:48,400

than another patient how does that work

921

00:42:53,190 --> 00:42:51,370

out there's a lot of factors of it

922

00:42:54,480 --> 00:42:53,200

depends very much on the operation you

923

00:42:56,850 --> 00:42:54,490

need a lot more anesthetic to have a

924

00:43:02,640 --> 00:42:56,860

cardiac bypass operation and the heaven

925

00:43:05,070 --> 00:43:02,650

ingrown toenail removed but equally will

926

00:43:07,470 --> 00:43:05,080

be fair to say until the last 10 or 20

927

00:43:09,720 --> 00:43:07,480

years we were not able to measure depth

928

00:43:12,420 --> 00:43:09,730

accurately and we just gave doses that

929

00:43:14,280 --> 00:43:12,430

we're insured everybody was you know

930

00:43:18,360 --> 00:43:14,290

comfortably asleep and would not be

931

00:43:20,990 --> 00:43:18,370

aware during the experience and when and

932

00:43:23,820 --> 00:43:21,000

what is the consequence of this changing

933

00:43:25,530 --> 00:43:23,830

well now that we have monitors that can

934

00:43:28,770 --> 00:43:25,540

look particularly at the brain waves and

935

00:43:31,140 --> 00:43:28,780

theatre electron kilogram a bit of a

936

00:43:34,200 --> 00:43:31,150

debate opened up as just how deeply and

937

00:43:37,380 --> 00:43:34,210

nifa tized we really need to be some

938

00:43:39,720 --> 00:43:37,390

evidence that a few sort of standard of

939

00:43:41,160 --> 00:43:39,730

care is reasonably deep to be safe but

940

00:43:43,080 --> 00:43:41,170

there's some evidence that that may

941

00:43:45,900 --> 00:43:43,090

prolong a recovery after an operation

942

00:43:49,470 --> 00:43:45,910

and increase particularly in the elderly

943

00:43:52,020 --> 00:43:49,480

to the burden of you know confusion and

944

00:43:56,130 --> 00:43:52,030

sort of not coping that well after major

945

00:43:57,810 --> 00:43:56,140

surgery and deep I've had a reason to

946

00:44:00,210 --> 00:43:57,820

have the same operation twice and the

947

00:44:02,790 --> 00:44:00,220

first time a much deeper anesthetic was

948

00:44:05,160 --> 00:44:02,800

used and the recovery time was just

949

00:44:07,860 --> 00:44:05,170

incredible between the two exact same

950

00:44:10,350 --> 00:44:07,870

operations yeah and that that is just

951
00:44:11,970 --> 00:44:10,360
amazing that the the tech does make that

952
00:44:13,380 --> 00:44:11,980
much difference because again people

953
00:44:16,650 --> 00:44:13,390
often think you're either knocked out or

954
00:44:19,170 --> 00:44:16,660
you're not that's right and you know we

955
00:44:22,410 --> 00:44:19,180
have a lot of drugs available to us that

956
00:44:24,660 --> 00:44:22,420
will run people at different levels and

957
00:44:26,339 --> 00:44:24,670
you know it's part of our commitment to

958
00:44:28,500 --> 00:44:26,349
a very high standard of perioperative

959
00:44:30,599 --> 00:44:28,510
care we're always searching for ways to

960
00:44:33,059 --> 00:44:30,609
make the experience better for the

961
00:44:34,890 --> 00:44:33,069
patient and professor timothy short at

962
00:44:37,530 --> 00:44:34,900
the conference with all in ethicists

963
00:44:39,150 --> 00:44:37,540

there what is the one thing that people

964

00:44:40,799 --> 00:44:39,160

would what's a development that people

965

00:44:41,789 --> 00:44:40,809

would like or we're looking forward to

966

00:44:43,620 --> 00:44:41,799

is there something just around the

967

00:44:45,480 --> 00:44:43,630

corner that that is a bit of a holy

968

00:44:49,859 --> 00:44:45,490

grail for an exorcism that's not quite

969

00:44:52,799 --> 00:44:49,869

there yet no don't think so this is some

970

00:44:54,690 --> 00:44:52,809

very much backroom research it's a major

971

00:44:57,240 --> 00:44:54,700

project funded by the National Health

972

00:44:59,069 --> 00:44:57,250

and Medical Research Council in

973

00:45:01,230 --> 00:44:59,079

Australia as well as the Health Research

974

00:45:05,520 --> 00:45:01,240

Council in New Zealand and it's really

975

00:45:08,549 --> 00:45:05,530

fine-tuning the anaesthetic you know we

976
00:45:11,010 --> 00:45:08,559
do millions of operations basically a

977
00:45:12,510 --> 00:45:11,020
year in Australasia and if we can just

978
00:45:14,970 --> 00:45:12,520
make them a little bit safer

979
00:45:18,020 --> 00:45:14,980
particularly in the elderly and the sick

980
00:45:20,819 --> 00:45:18,030
patients then we're very keen to do that

981
00:45:23,490 --> 00:45:20,829
if a patient is as a difficult heart

982
00:45:25,289 --> 00:45:23,500
condition how much more difficult does

983
00:45:27,450 --> 00:45:25,299
that make the anesthesia side of the

984
00:45:30,599 --> 00:45:27,460
operation it makes it a lot more

985
00:45:32,460 --> 00:45:30,609
complicated especially you know to

986
00:45:34,490 --> 00:45:32,470
ensure a good outcome that doesn't

987
00:45:37,319 --> 00:45:34,500
stress the half-orc all the heart attack

988
00:45:39,890 --> 00:45:37,329

yeah and is it just a matter of a light

989

00:45:42,930 --> 00:45:39,900

asleep or is there a different kind of

990

00:45:45,210 --> 00:45:42,940

anesthesia needed no there would be a

991

00:45:47,220 --> 00:45:45,220

lot more monitoring of all the

992

00:45:48,960 --> 00:45:47,230

cardiovascular variables that we can to

993

00:45:52,230 --> 00:45:48,970

see that they're all kept absolutely as

994

00:45:53,789 --> 00:45:52,240

perfect as we can and also the drag mix

995

00:45:56,430 --> 00:45:53,799

would be different because i would use

996

00:45:58,950 --> 00:45:56,440

more medicines to protect the heart the

997

00:46:00,750 --> 00:45:58,960

healthy person would need is there

998

00:46:02,849 --> 00:46:00,760

something in an ideal world that you

999

00:46:07,829 --> 00:46:02,859

would like to see invented or bring into

1000

00:46:09,270 --> 00:46:07,839

that your field bigger oh yeah because i

1001
00:46:10,799 --> 00:46:09,280
just think i was getting it earlier that

1002
00:46:12,059 --> 00:46:10,809
you know you things are pretty good at

1003
00:46:14,549 --> 00:46:12,069
the moment but if there's something you

1004
00:46:16,289 --> 00:46:14,559
could magically bring in that is that

1005
00:46:18,630 --> 00:46:16,299
would just make it perfect and make it

1006
00:46:20,430 --> 00:46:18,640
even the most safest process possible is

1007
00:46:23,370 --> 00:46:20,440
there something that you think could be

1008
00:46:25,200 --> 00:46:23,380
invented well I think increasingly it's

1009
00:46:27,569 --> 00:46:25,210
not a matter of surviving the

1010
00:46:29,579 --> 00:46:27,579
anaesthetic or the surgery it's a matter

1011
00:46:31,500 --> 00:46:29,589
of getting a really good outcome whereby

1012
00:46:36,000 --> 00:46:31,510
we haven't contributed to the burden of

1013
00:46:37,830 --> 00:46:36,010

infection or you know let's say confuse

1014

00:46:39,900 --> 00:46:37,840

vision and so on after the operations

1015

00:46:42,180 --> 00:46:39,910

and I think we're getting closer to

1016

00:46:45,000 --> 00:46:42,190

getting anesthesia perfect than we were

1017

00:46:46,770 --> 00:46:45,010

even 20 years ago dr. Timothy short

1018

00:46:48,060 --> 00:46:46,780

Alton City Hospital in New Zealand thank

1019

00:46:49,650 --> 00:46:48,070

you for talking to thank you very much

1020

00:46:51,390 --> 00:46:49,660

thank you much for your time as

1021

00:46:53,010 --> 00:46:51,400

fascinating wasn't it I mean I always

1022

00:46:54,750 --> 00:46:53,020

you know they're the people that are

1023

00:46:56,250 --> 00:46:54,760

keeping you alive and awake while the

1024

00:47:10,260 --> 00:46:56,260

operations are going on as you would

1025

00:47:15,090 --> 00:47:12,960

hi I'm Finn and I'm Rebecca and where

1026

00:47:16,860 --> 00:47:15,100

the skipper cons skipper Collins is an

1027

00:47:18,540 --> 00:47:16,870

Irish blood cast by the Dublin skeptics

1028

00:47:20,100 --> 00:47:18,550

society it takes a conversational

1029

00:47:21,360 --> 00:47:20,110

Reverend look at science news and

1030

00:47:24,870 --> 00:47:21,370

skeptical topics from an Irish

1031

00:47:28,990 --> 00:47:24,880

perspective you can find us at WWDC

1032

00:47:29,000 --> 00:47:36,720

whetstone fathers

1033

00:47:43,470 --> 00:47:40,470

in September 2006 17 year old Mike

1034

00:47:46,200 --> 00:47:43,480

Tennessee was tragically killed in a car

1035

00:47:48,930 --> 00:47:46,210

accident his family are from the Sydney

1036

00:47:53,280 --> 00:47:48,940

suburb of Guildford and not long after

1037

00:47:56,790 --> 00:47:53,290

Mike's tragic death oil seemed to be

1038

00:48:00,540 --> 00:47:56,800

starting to appear on the walls of the

1039

00:48:02,880 --> 00:48:00,550

tennis family house this gained some

1040

00:48:06,180 --> 00:48:02,890

notoriety more and more people came to

1041

00:48:08,610 --> 00:48:06,190

see this mysterious oil the oil spread

1042

00:48:11,730 --> 00:48:08,620

to various parts of the house including

1043

00:48:14,490 --> 00:48:11,740

the ceiling and over the intervening

1044

00:48:18,090 --> 00:48:14,500

years the house has been turned into a

1045

00:48:21,590 --> 00:48:18,100

shrine with many religious paintings on

1046

00:48:24,450 --> 00:48:21,600

the wall and the oil spread far and wide

1047

00:48:27,350 --> 00:48:24,460

the ceiling is covered with drawings of

1048

00:48:30,900 --> 00:48:27,360

crosses and other religious artifacts

1049

00:48:33,270 --> 00:48:30,910

letters of the alphabet dates and other

1050

00:48:35,130 --> 00:48:33,280

squiggles needless to say this story has

1051
00:48:37,080 --> 00:48:35,140
caught the attention of the media over

1052
00:48:38,940 --> 00:48:37,090
the years including the tabloid

1053
00:48:41,670 --> 00:48:38,950
television shows of today tonight and

1054
00:48:44,100 --> 00:48:41,680
the current affair members of Australian

1055
00:48:46,740 --> 00:48:44,110
skeptics over those years have appeared

1056
00:48:49,800 --> 00:48:46,750
on these shows to give our opinion of

1057
00:48:52,890 --> 00:48:49,810
the oil and the general goings on so I

1058
00:48:55,860 --> 00:48:52,900
like to play now some selected clips

1059
00:48:58,530 --> 00:48:55,870
from those reports over the years to

1060
00:49:01,020 --> 00:48:58,540
give you a good idea of course if you do

1061
00:49:03,570 --> 00:49:01,030
a search for Guilford House of miracles

1062
00:49:06,450 --> 00:49:03,580
on youtube or in Google you'll certainly

1063
00:49:09,690 --> 00:49:06,460

see more reports and video reports so

1064

00:49:12,660 --> 00:49:09,700

you can see for yourself dr the oil on

1065

00:49:20,870 --> 00:49:12,670

the walls but here now are some selected

1066

00:49:26,830 --> 00:49:23,930

something strange is going on at number

1067

00:49:30,760 --> 00:49:26,840

six Bowden street

1068

00:49:33,220 --> 00:49:30,770

the miracles never seem to stop that if

1069

00:49:36,130 --> 00:49:33,230

you believe the owners leaner and George

1070

00:49:40,720 --> 00:49:36,140

too nice meeting is happened here

1071

00:49:43,960 --> 00:49:40,730

they're all your dishes many people saw

1072

00:49:47,260 --> 00:49:43,970

Virgin Mary appeared here and many

1073

00:49:50,590 --> 00:49:47,270

things many medical happen all the time

1074

00:49:53,680 --> 00:49:50,600

yeah we first met the two news family

1075

00:49:56,320 --> 00:49:53,690

seven years ago they're 17 year old son

1076

00:49:59,050 --> 00:49:56,330

was killed in a car accident just around

1077

00:50:02,880 --> 00:49:59,060

the corner from their home five months

1078

00:50:15,700 --> 00:50:02,890

after his death his parents reported oil

1079

00:50:19,090 --> 00:50:15,710

weeping from Mike's bedroom wall word

1080

00:50:22,120 --> 00:50:19,100

spread almost as quickly as the oil soon

1081

00:50:25,420 --> 00:50:22,130

believers were flocking to number six to

1082

00:50:36,690 --> 00:50:25,430

see for themselves the oil rush had

1083

00:50:43,420 --> 00:50:40,660

in 2007 we had the oil scientifically

1084

00:50:46,930 --> 00:50:43,430

tested it was found to be a mix of oil

1085

00:50:49,060 --> 00:50:46,940

and water but no one could say where it

1086

00:50:51,790 --> 00:50:49,070

was coming from Richard Saunders

1087

00:50:54,730 --> 00:50:51,800

president of the Australian skeptics has

1088

00:50:56,830 --> 00:50:54,740

his own theory I think people have a

1089

00:50:59,170 --> 00:50:56,840

deep need to want and hope that there

1090

00:51:01,450 --> 00:50:59,180

are indeed miracles well quite frankly

1091

00:51:04,180 --> 00:51:01,460

it looks like somebody and we're not

1092

00:51:06,099 --> 00:51:04,190

sure who it is is running around the

1093

00:51:08,380 --> 00:51:06,109

house dabbing oil and water on the wall

1094

00:51:11,560 --> 00:51:08,390

cotton bud even with their finger

1095

00:51:13,839 --> 00:51:11,570

drawing patterns they've sinned begun

1096

00:51:16,089 --> 00:51:13,849

quite overboard with it that clip was

1097

00:51:19,000 --> 00:51:16,099

from very recently only a couple of

1098

00:51:23,760 --> 00:51:19,010

weeks ago 2013 here's a clip from a

1099

00:51:26,109 --> 00:51:23,770

Current Affair television show from 2008

1100

00:51:28,390 --> 00:51:26,119

there will always be non-believers

1101

00:51:30,160 --> 00:51:28,400

Richard Saunders is from the Australian

1102

00:51:32,380 --> 00:51:30,170

skeptics you know it's just possible

1103

00:51:34,570 --> 00:51:32,390

that somebody very well-meaning has done

1104

00:51:36,940 --> 00:51:34,580

this through tried to put the family at

1105

00:51:39,040 --> 00:51:36,950

ease that's very nice and a nice thought

1106

00:51:40,690 --> 00:51:39,050

unfortunately the ramifications can be

1107

00:51:43,900 --> 00:51:40,700

very serious with people believing all

1108

00:51:46,270 --> 00:51:43,910

sorts of things this weekend they expect

1109

00:51:48,730 --> 00:51:46,280

one thousand pilgrims and the police

1110

00:51:51,250 --> 00:51:48,740

will block off the street many faithful

1111

00:51:53,920 --> 00:51:51,260

will go away with tiny samples of oil or

1112

00:51:57,910 --> 00:51:53,930

charcoal which some believe has healing

1113

00:51:59,530 --> 00:51:57,920

powers well here in Australia every

1114

00:52:01,750 --> 00:51:59,540

couple of years you'll get a miracle of

1115

00:52:03,849 --> 00:52:01,760

weeping statue or oil on the wall or

1116

00:52:06,609 --> 00:52:03,859

even blood coming from somewhere there's

1117

00:52:08,710 --> 00:52:06,619

never been one authenticated miracle in

1118

00:52:14,800 --> 00:52:08,720

the history of the world ever so if this

1119

00:52:21,440 --> 00:52:18,530

those comments from me way back in 2007

1120

00:52:23,030 --> 00:52:21,450

led shortly thereafter to brendan

1121

00:52:26,109 --> 00:52:23,040

shanahan writing in The Daily Telegraph

1122

00:52:30,050 --> 00:52:26,119

newspaper to produce the following

1123

00:52:32,630 --> 00:52:30,060

tragedy of scoffing skeptics by Brendan

1124

00:52:35,270 --> 00:52:32,640

Shanahan remember the coogee beach

1125

00:52:38,630 --> 00:52:35,280

madonna this seeming apparition first

1126
00:52:41,060 --> 00:52:38,640
appeared in 2003 bathing randwick with

1127
00:52:43,190 --> 00:52:41,070
her grace in more recent miracle

1128
00:52:45,440 --> 00:52:43,200
developments a Current Affair this week

1129
00:52:47,540 --> 00:52:45,450
spoke to a couple in guilford western

1130
00:52:50,359 --> 00:52:47,550
sydney who believed that the spirit of

1131
00:52:53,210 --> 00:52:50,369
their dead son has caused their walls to

1132
00:52:55,100 --> 00:52:53,220
leak rose scented oil reporting of these

1133
00:52:58,640 --> 00:52:55,110
stories usually includes an appearance

1134
00:52:59,859 --> 00:52:58,650
by the Australian skeptics these people

1135
00:53:03,200 --> 00:52:59,869
in case you don't know our

1136
00:53:05,390 --> 00:53:03,210
self-appointed band of atheist Crusaders

1137
00:53:07,790 --> 00:53:05,400
who see it as their mission not only to

1138
00:53:10,460 --> 00:53:07,800

tell old ladies that Christ's face can't

1139

00:53:12,170 --> 00:53:10,470

appear in a bowl of dumplings but to

1140

00:53:14,570 --> 00:53:12,180

form an organization complete with

1141

00:53:18,710 --> 00:53:14,580

quarterly newsletters devoted to doing

1142

00:53:20,870 --> 00:53:18,720

so they're the god is dead bothers keen

1143

00:53:23,150 --> 00:53:20,880

not to appear motivated by a sense of

1144

00:53:24,710 --> 00:53:23,160

their own superiority Australian

1145

00:53:27,320 --> 00:53:24,720

skeptics are always careful to

1146

00:53:30,200 --> 00:53:27,330

camouflage their criticisms of religious

1147

00:53:33,890 --> 00:53:30,210

phenomena as concern for unwitting

1148

00:53:36,590 --> 00:53:33,900

victims of the alleged hoax victims is

1149

00:53:38,630 --> 00:53:36,600

in quotation marks on a Current Affair

1150

00:53:40,880 --> 00:53:38,640

the spokesman for of the organization

1151

00:53:43,190 --> 00:53:40,890

Richard Saunders was eager to reassure

1152

00:53:45,740 --> 00:53:43,200

viewers that he regarded the family in

1153

00:53:49,340 --> 00:53:45,750

Guildford is merely misunderstood not

1154

00:53:51,380 --> 00:53:49,350

bad quote I have no doubt that someone

1155

00:53:54,349 --> 00:53:51,390

with very good intentions has done this

1156

00:53:56,570 --> 00:53:54,359

end quote he said it must have broken

1157

00:53:58,520 --> 00:53:56,580

mr. Saunders heart therefore when he

1158

00:54:01,180 --> 00:53:58,530

found himself duty-bound to point out

1159

00:54:03,380 --> 00:54:01,190

that quote there's never been one

1160

00:54:06,140 --> 00:54:03,390

authenticated miracle in the history of

1161

00:54:08,480 --> 00:54:06,150

the world ever unquote he tells us

1162

00:54:10,820 --> 00:54:08,490

there's not supposedly because he likes

1163

00:54:14,780 --> 00:54:10,830

to crush the faith of a grieving family

1164

00:54:17,390 --> 00:54:14,790

but because quote unfortunately the

1165

00:54:19,070 --> 00:54:17,400

ramifications are often very serious and

1166

00:54:22,190 --> 00:54:19,080

people will believe all sorts of things

1167

00:54:25,220 --> 00:54:22,200

end quote it is interesting to note that

1168

00:54:26,630 --> 00:54:25,230

the skeptics here are happy to credit

1169

00:54:29,480 --> 00:54:26,640

themselves with a gift

1170

00:54:32,509 --> 00:54:29,490

they decry as fraudulent in others the

1171

00:54:34,670 --> 00:54:32,519

ability to see into the future after all

1172

00:54:37,670 --> 00:54:34,680

how else could someone predict what good

1173

00:54:40,700 --> 00:54:37,680

or bad is likely to come of belief in

1174

00:54:44,450 --> 00:54:40,710

something miraculous even if it is not

1175

00:54:46,640 --> 00:54:44,460

true one wonders who the real zealots

1176
00:54:48,740 --> 00:54:46,650
are here the family who believe they see

1177
00:54:51,650 --> 00:54:48,750
evidence for their sons existence in the

1178
00:54:53,859 --> 00:54:51,660
afterlife or those who feel the need to

1179
00:54:56,750 --> 00:54:53,869
contradict them on national television

1180
00:54:58,609 --> 00:54:56,760
what never seems to occur to skeptics is

1181
00:55:00,620 --> 00:54:58,619
that many who believe in miracles and

1182
00:55:03,559 --> 00:55:00,630
alike not to mention those eccentrics

1183
00:55:05,990 --> 00:55:03,569
who can't accept a barren mechanical

1184
00:55:07,730 --> 00:55:06,000
universe are quite aware that the

1185
00:55:10,039 --> 00:55:07,740
existence of these phenomena is

1186
00:55:12,410 --> 00:55:10,049
illogical and goes against everything

1187
00:55:15,049 --> 00:55:12,420
they know to be true about the natural

1188
00:55:16,880 --> 00:55:15,059

world they just don't care being a

1189

00:55:19,069 --> 00:55:16,890

professional skeptic is like paying for

1190

00:55:20,509 --> 00:55:19,079

a ticket to the wrestling only to go

1191

00:55:23,569 --> 00:55:20,519

around telling everybody that it's

1192

00:55:25,240 --> 00:55:23,579

rigged the smugness of skeptics they're

1193

00:55:28,339 --> 00:55:25,250

certainly in their own righteousness

1194

00:55:31,249 --> 00:55:28,349

more closely resembles the religious

1195

00:55:33,950 --> 00:55:31,259

fanaticism they claim to despise than

1196

00:55:36,170 --> 00:55:33,960

the concern in quotation marks for the

1197

00:55:38,319 --> 00:55:36,180

community they espouse there's no doubt

1198

00:55:41,690 --> 00:55:38,329

belief can lead to terrible consequences

1199

00:55:44,870 --> 00:55:41,700

but from what I've seen not believing

1200

00:55:47,960 --> 00:55:44,880

can be just as tragic needless to say at

1201
00:55:50,599 --> 00:55:47,970
the time that report was produced in The

1202
00:55:53,779 --> 00:55:50,609
Daily Telegraph Australian skeptics did

1203
00:55:55,599 --> 00:55:53,789
publicly reply but all in all the Daily

1204
00:55:58,999 --> 00:55:55,609
Telegraph here was simply just a

1205
00:56:01,640 --> 00:55:59,009
rabble-rousing just point scoring I

1206
00:56:05,170 --> 00:56:01,650
guess you could say I don't have to go

1207
00:56:07,759 --> 00:56:05,180
over the logical fallacies and

1208
00:56:11,529 --> 00:56:07,769
ridiculous statements in Brendan

1209
00:56:14,359 --> 00:56:11,539
Shanahan's article as far back ago as

1210
00:56:16,670 --> 00:56:14,369
2007 read about each trauma Australian

1211
00:56:18,710 --> 00:56:16,680
skeptics also appeared to give his

1212
00:56:19,789 --> 00:56:18,720
thoughts we're quite prepared to accept

1213
00:56:21,589 --> 00:56:19,799

that there are things out there that we

1214

00:56:23,569 --> 00:56:21,599

don't understand but that doesn't mean

1215

00:56:25,880 --> 00:56:23,579

that they can't be understood Peter

1216

00:56:28,670 --> 00:56:25,890

Bowditch from Australian skeptic says

1217

00:56:30,860 --> 00:56:28,680

that for a miracle to be true it has to

1218

00:56:32,780 --> 00:56:30,870

have scientific evidence to back

1219

00:56:34,580 --> 00:56:32,790

get up to become excited by you have to

1220

00:56:36,620 --> 00:56:34,590

be a true believer that is you have to

1221

00:56:39,710 --> 00:56:36,630

be somebody who's immersed Oakley in

1222

00:56:41,540 --> 00:56:39,720

some form of faith in 2007 the chief

1223

00:56:43,940 --> 00:56:41,550

investigator from Australian skeptics

1224

00:56:46,100 --> 00:56:43,950

mr. Ian Bryce visited the house and

1225

00:56:48,860 --> 00:56:46,110

wrote the following report house of

1226
00:56:50,270 --> 00:56:48,870
miracles the so-called house of miracles

1227
00:56:53,690 --> 00:56:50,280
story ran in the papers and

1228
00:56:55,550 --> 00:56:53,700
non-commercial television in early 2007

1229
00:56:57,800 --> 00:56:55,560
the story relates to a family of

1230
00:56:59,150 --> 00:56:57,810
guilford in Sydney's west who claimed

1231
00:57:02,420 --> 00:56:59,160
their son was killed in a car accident

1232
00:57:04,340 --> 00:57:02,430
to become a messenger from God some

1233
00:57:07,190 --> 00:57:04,350
mysterious phenomena have been occurring

1234
00:57:09,950 --> 00:57:07,200
at the house oil began seeping through

1235
00:57:12,590 --> 00:57:09,960
his bedroom walls and ash appeared on

1236
00:57:15,170 --> 00:57:12,600
the floor when I visited at the request

1237
00:57:17,080 --> 00:57:15,180
of channel 9 I found hundreds of

1238
00:57:19,610 --> 00:57:17,090

visitors queued up on the footpath

1239

00:57:21,740 --> 00:57:19,620

family members and friends were showing

1240

00:57:24,650 --> 00:57:21,750

the guests through the house some on

1241

00:57:27,200 --> 00:57:24,660

crutches and in wheelchairs hoping for a

1242

00:57:29,440 --> 00:57:27,210

miracle the family armeria night

1243

00:57:32,630 --> 00:57:29,450

Christians their house is decorated

1244

00:57:35,720 --> 00:57:32,640

inside and out with religious icons

1245

00:57:39,380 --> 00:57:35,730

paintings statues photographs a diorama

1246

00:57:41,600 --> 00:57:39,390

of the Nativity was set up outside local

1247

00:57:45,010 --> 00:57:41,610

Catholic priest father Michael Milken

1248

00:57:48,230 --> 00:57:45,020

speaks strongly in favor of miracles

1249

00:57:51,140 --> 00:57:48,240

nightly religious services were being

1250

00:57:53,960 --> 00:57:51,150

held at an improvised Chapel in the back

1251
00:57:56,240 --> 00:57:53,970
yard signs explained that their 17 year

1252
00:57:59,660 --> 00:57:56,250
old son Michael was killed in a car

1253
00:58:02,480 --> 00:57:59,670
accident in 2006 his utility struck a

1254
00:58:05,000 --> 00:58:02,490
power pole utility being the Australian

1255
00:58:07,610 --> 00:58:05,010
version of a pickup truck my inquiries

1256
00:58:09,590 --> 00:58:07,620
revealed there were two passengers one

1257
00:58:12,440 --> 00:58:09,600
of whom received severe head injuries

1258
00:58:14,540 --> 00:58:12,450
and was in hospital for six weeks the

1259
00:58:17,270 --> 00:58:14,550
parents and the priest claimed the

1260
00:58:20,240 --> 00:58:17,280
accident was planned and executed by God

1261
00:58:22,640 --> 00:58:20,250
in order to provide a messenger capable

1262
00:58:25,370 --> 00:58:22,650
of delivering messages to mankind and

1263
00:58:27,080 --> 00:58:25,380

our visit channel 9 could not get into

1264

00:58:31,220 --> 00:58:27,090

the house because the family had just

1265

00:58:33,950 --> 00:58:31,230

signed up with channel 7 quote we have

1266

00:58:36,410 --> 00:58:33,960

not collected any money no way we won't

1267

00:58:39,590 --> 00:58:36,420

accept it men quote the father said I

1268

00:58:42,500 --> 00:58:39,600

was able to enter the house I saw some

1269

00:58:44,270 --> 00:58:42,510

black powder on the hallway floor it

1270

00:58:45,830 --> 00:58:44,280

could be anything

1271

00:58:49,160 --> 00:58:45,840

only claimed that when they swept it up

1272

00:58:51,770 --> 00:58:49,170

it reappeared overnight in the boys

1273

00:58:54,860 --> 00:58:51,780

bedroom a substance resembling oil was

1274

00:58:57,920 --> 00:58:54,870

spattered on the walls the initials m t

1275

00:59:00,890 --> 00:58:57,930

and a cross were also written in a

1276
00:59:03,860 --> 00:59:00,900
similar substance spatters also appeared

1277
00:59:06,380 --> 00:59:03,870
on the study ceiling some say resembling

1278
00:59:08,720 --> 00:59:06,390
Jesus the family said the ash and the

1279
00:59:11,810 --> 00:59:08,730
oil first appeared 40 days after the

1280
00:59:14,660 --> 00:59:11,820
death along with the smell of roses the

1281
00:59:16,430 --> 00:59:14,670
oil was still spreading buds of cotton

1282
00:59:18,710 --> 00:59:16,440
wool were being touched to the oil and

1283
00:59:22,790 --> 00:59:18,720
used to anoint in some visitors in the

1284
00:59:24,860 --> 00:59:22,800
hopes of curing diseases one has

1285
00:59:27,980 --> 00:59:24,870
reported being cured of joint pain

1286
00:59:30,230 --> 00:59:27,990
father melon and the parents claimed the

1287
00:59:32,630 --> 00:59:30,240
boy was picked by God from birth for

1288
00:59:35,150 --> 00:59:32,640

this role a photo at six months old

1289

00:59:37,730 --> 00:59:35,160

shows some prophetic similarities to

1290

00:59:40,490 --> 00:59:37,740

Jesus his school books were littered

1291

00:59:42,770 --> 00:59:40,500

with descriptions of the afterlife bit

1292

00:59:44,750 --> 00:59:42,780

of outage from Australian skeptics was

1293

00:59:47,090 --> 00:59:44,760

interviewed by channel seven's today

1294

00:59:49,250 --> 00:59:47,100

tonight and said that for a miracle to

1295

00:59:51,560 --> 00:59:49,260

be true it had to be backed up with

1296

00:59:53,720 --> 00:59:51,570

evidence there are regular religious

1297

00:59:55,940 --> 00:59:53,730

apparitions and supernatural claims in

1298

00:59:59,180 --> 00:59:55,950

the Christian world but none has stood

1299

01:00:00,890 --> 00:59:59,190

up to real testing this does nothing to

1300

01:00:03,680 --> 01:00:00,900

stem the flow of tourists and the

1301

01:00:06,320 --> 01:00:03,690

crippled to sites such as Lords in

1302

01:00:08,120 --> 01:00:06,330

France let us examine the scenario put

1303

01:00:11,390 --> 01:00:08,130

forward by the priests and the parents

1304

01:00:14,390 --> 01:00:11,400

the implications are horrendous point

1305

01:00:16,910 --> 01:00:14,400

God have been all-powerful must be

1306

01:00:19,340 --> 01:00:16,920

capable of sending messages any way he

1307

01:00:21,350 --> 01:00:19,350

chooses why would he arranged for an

1308

01:00:24,170 --> 01:00:21,360

innocent boy to be raised by his parents

1309

01:00:27,230 --> 01:00:24,180

teachers relatives etc and then brutally

1310

01:00:28,670 --> 01:00:27,240

killed at the age of 17 the claim is

1311

01:00:30,890 --> 01:00:28,680

that the accident was planned and

1312

01:00:34,040 --> 01:00:30,900

carried out by God the driver's actions

1313

01:00:36,980 --> 01:00:34,050

were overridden God in effect turned the

1314

01:00:38,870 --> 01:00:36,990

steering wheel towards the pole if a man

1315

01:00:42,260 --> 01:00:38,880

did this it would carry a charge of

1316

01:00:44,300 --> 01:00:42,270

dangerous driving point why would God

1317

01:00:46,520 --> 01:00:44,310

deliberately caused serious head

1318

01:00:49,160 --> 01:00:46,530

injuries to an innocent third party

1319

01:00:51,230 --> 01:00:49,170

putting him in hospital for six weeks if

1320

01:00:54,110 --> 01:00:51,240

a man did this he would be jailed for

1321

01:00:55,820 --> 01:00:54,120

grievous bodily harm point the purpose

1322

01:00:58,160 --> 01:00:55,830

of the whole scenario was to provide a

1323

01:01:00,740 --> 01:00:58,170

conduit for messages between God and

1324

01:01:03,050 --> 01:01:00,750

mankind but in five months the only

1325

01:01:06,170 --> 01:01:03,060

communication received has been the boys

1326

01:01:09,320 --> 01:01:06,180

initials M T which were already known

1327

01:01:11,480 --> 01:01:09,330

this equates to two bites in five months

1328

01:01:14,750 --> 01:01:11,490

millions of times slower than the most

1329

01:01:17,960 --> 01:01:14,760

basic modem God's plan has been a dismal

1330

01:01:20,360 --> 01:01:17,970

failure God needs to get broadband point

1331

01:01:24,500 --> 01:01:20,370

the writing on the wall is at a height

1332

01:01:26,870 --> 01:01:24,510

of 1.4 meters just the height a person

1333

01:01:28,690 --> 01:01:26,880

would write on the wall the thickness of

1334

01:01:31,760 --> 01:01:28,700

the lines is similar to a fingertip

1335

01:01:34,670 --> 01:01:31,770

point the oil found on the walls is

1336

01:01:37,070 --> 01:01:34,680

claimed to cure arthritis why would God

1337

01:01:39,350 --> 01:01:37,080

place it where only a few people could

1338

01:01:42,020 --> 01:01:39,360

benefit one would think he would reveal

1339

01:01:44,750 --> 01:01:42,030

it to a Medical Research Institute so

1340

01:01:47,720 --> 01:01:44,760

that many sufferers could receive it if

1341

01:01:49,940 --> 01:01:47,730

the claims are true then the god they

1342

01:01:52,310 --> 01:01:49,950

worship must be a monster beyond cruelty

1343

01:01:54,830 --> 01:01:52,320

how priests can hold this up as an

1344

01:01:57,980 --> 01:01:54,840

example of love and caring is difficult

1345

01:02:00,710 --> 01:01:57,990

to understand but the oil and ash do not

1346

01:02:02,780 --> 01:02:00,720

really appear from nowhere if the

1347

01:02:05,390 --> 01:02:02,790

apparitions are the work of a prankster

1348

01:02:08,600 --> 01:02:05,400

then the tragedy is that the death of a

1349

01:02:09,800 --> 01:02:08,610

loved one has been desecrated the living

1350

01:02:12,260 --> 01:02:09,810

memories of the parents have been

1351
01:02:14,720 --> 01:02:12,270
corrupted by talk of messages and

1352
01:02:17,330 --> 01:02:14,730
miracles what should be a healing

1353
01:02:20,120 --> 01:02:17,340
process has been hijacked and turned

1354
01:02:22,870 --> 01:02:20,130
into an ongoing nightmare that report

1355
01:02:25,850 --> 01:02:22,880
was from Ian Bryce chief investigator of

1356
01:02:28,220 --> 01:02:25,860
Australian skeptics I'll leave the final

1357
01:02:31,270 --> 01:02:28,230
word to the parents who are asked about

1358
01:02:33,470 --> 01:02:31,280
having a camera installed in their house

1359
01:02:37,940 --> 01:02:33,480
would you be happy to put a camera in

1360
01:02:41,900 --> 01:02:37,950
the house for 24 hours oh no I don't

1361
01:02:44,330 --> 01:02:41,910
know if the church want to do it do it

1362
01:02:46,370 --> 01:02:44,340
yeah because from the chairs yeah so if

1363
01:02:48,920 --> 01:02:46,380

your church one to do it yeah do it yeah

1364

01:03:14,750 --> 01:02:48,930

yeah we do yeah yes had the church asked

1365

01:03:19,320 --> 01:03:17,100

thank you for listening to the skeptic

1366

01:03:22,430 --> 01:03:19,330

zone now been asked to remind you or let

1367

01:03:26,700 --> 01:03:22,440

you know there's a petition at ww

1368

01:03:30,030 --> 01:03:26,710

change.org to do with them telling the

1369

01:03:33,270 --> 01:03:30,040

Rockhampton Regional Council they should

1370

01:03:35,940 --> 01:03:33,280

really reconsider removing flew ride

1371

01:03:37,830 --> 01:03:35,950

from their drinking water they're going

1372

01:03:40,560 --> 01:03:37,840

to remove it yes they've heard the

1373

01:03:42,600 --> 01:03:40,570

arguments so-called arguments and I

1374

01:03:45,090 --> 01:03:42,610

don't think this is a good thing if you

1375

01:03:47,760 --> 01:03:45,100

want to sign a petition asking the

1376

01:03:50,190 --> 01:03:47,770

council to consult with the community

1377

01:03:53,820 --> 01:03:50,200

before they remove fluoride run to

1378

01:03:57,300 --> 01:03:53,830

change.org and search for rockhampton

1379

01:04:00,510 --> 01:03:57,310

Regional Council also I'm delighted to

1380

01:04:03,360 --> 01:04:00,520

say that i'll be visiting can the

1381

01:04:06,570 --> 01:04:03,370

amazing meeting in las vegas july 11th

1382

01:04:08,430 --> 01:04:06,580

to 14th this year i hope you can make it

1383

01:04:10,260 --> 01:04:08,440

Tam is always a wonderful experience

1384

01:04:13,110 --> 01:04:10,270

great to catch up with James Randi and

1385

01:04:15,420 --> 01:04:13,120

DJ Grothe and lots of good friends of

1386

01:04:17,010 --> 01:04:15,430

the amazing meeting you can get your

1387

01:04:22,320 --> 01:04:17,020

tickets and more information by visiting

1388

01:04:26,790 --> 01:04:22,330

w WM mazing meeting com can't wait to

1389

01:04:29,100 --> 01:04:26,800

see you all there but for this week this

1390

01:04:35,130 --> 01:04:29,110

is Richard Saunders signing off from

1391

01:04:37,390 --> 01:04:35,140

Sydney Australia you've been listening

1392

01:04:42,190 --> 01:04:37,400

to the skeptic zone

1393

01:04:45,220 --> 01:04:42,200

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