

1
00:00:00,030 --> 00:00:04,710
yes I just have to say I'm struck by at

2
00:00:02,580 --> 00:00:07,080
least one aspect of the audience I speak

3
00:00:04,710 --> 00:00:09,650
a lot of holistic psychology and energy

4
00:00:07,080 --> 00:00:11,849
healing type of conferences and the

5
00:00:09,650 --> 00:00:15,719
participants are usually therapists and

6
00:00:11,849 --> 00:00:17,879
energy workers on e 90% are women they

7
00:00:15,718 --> 00:00:19,288
talk about how they really get the stuff

8
00:00:17,879 --> 00:00:21,768
and then they go home to their

9
00:00:19,289 --> 00:00:24,150
engineering boyfriends and husbands and

10
00:00:21,768 --> 00:00:25,649
vessel without it looks like all the

11
00:00:24,149 --> 00:00:28,079
boyfriends the core engineers and

12
00:00:25,649 --> 00:00:30,509
academic came tonight so thank you for

13
00:00:28,079 --> 00:00:34,019
coming and your girlfriends and wives

14
00:00:30,510 --> 00:00:35,880
are wonderful by the way so I'm a

15
00:00:34,020 --> 00:00:37,590
psychiatrist I worked at Spaulding rehab

16
00:00:35,880 --> 00:00:39,719
hospital in the pain management program

17
00:00:37,590 --> 00:00:41,790
for about 30 years have a long-standing

18
00:00:39,719 --> 00:00:44,460
interest in energy medicine and some of

19
00:00:41,789 --> 00:00:46,500
the healing modalities which I learned

20
00:00:44,460 --> 00:00:48,628
about kind of before my brainwashing

21
00:00:46,500 --> 00:00:51,480
process was complete so I've been

22
00:00:48,628 --> 00:00:53,849
traveling both tracks and chronic pain

23
00:00:51,479 --> 00:00:55,529
allows you the opportunity because

24
00:00:53,850 --> 00:00:57,270
patients are miserable they're willing

25
00:00:55,530 --> 00:00:59,189
to try anything so we've used a lot of

26
00:00:57,270 --> 00:01:01,920
these energy modalities over the years

27
00:00:59,189 --> 00:01:03,869
and one situation in particular really

28
00:01:01,920 --> 00:01:06,210
caught my attention because it was very

29

00:01:03,869 --> 00:01:08,728
hard to explain by the standard medical

30
00:01:06,209 --> 00:01:11,009
model its phantom limb pain so I'm gonna

31
00:01:08,728 --> 00:01:14,519
be talking about that clinically and

32
00:01:11,010 --> 00:01:16,340
energetically in some ways the best way

33
00:01:14,519 --> 00:01:20,769
to start is actually with a brief

34
00:01:16,340 --> 00:01:24,469
five-minute video clip so let me just

35
00:01:20,769 --> 00:01:26,780
let's eat the aptly named John Peter who

36
00:01:24,469 --> 00:01:29,209
after losing an arm saw the company

37
00:01:26,780 --> 00:01:32,299
which provides amputees salt people for

38
00:01:29,209 --> 00:01:35,689
films my mother hasn't 20 years ago my

39
00:01:32,299 --> 00:01:42,140
fault basically and that the dead are

40
00:01:35,689 --> 00:01:44,900
active what our absolute student is

41
00:01:42,140 --> 00:01:46,700
phantom limb pain you do something here

42
00:01:44,900 --> 00:01:48,020
talk us through how that works

43
00:01:46,700 --> 00:01:50,180

it's all since different heights

44

00:01:48,019 --> 00:01:51,920

different levels of pain sometimes it

45

00:01:50,180 --> 00:01:55,100

feels like she's got a finger stuck pins

46

00:01:51,920 --> 00:01:57,859

needle type in and in there are times

47

00:01:55,099 --> 00:01:59,899

when you go there this incredible sharp

48

00:01:57,859 --> 00:02:02,510

pain it's really nice to feel the

49

00:01:59,900 --> 00:02:04,550

fingers and forces you know still feel

50

00:02:02,510 --> 00:02:07,310

perhaps the fingers I hear like a movie

51

00:02:04,549 --> 00:02:08,899

but wrestling with you which haven't

52

00:02:07,310 --> 00:02:11,120

been entirely comfortable although it's

53

00:02:08,899 --> 00:02:12,919

sort of it's related to that but I

54

00:02:11,120 --> 00:02:15,230

deserve them because just draw around

55

00:02:12,919 --> 00:02:19,159

your prosthetic hand there

56

00:02:15,229 --> 00:02:20,530

Davina so it's a part for me and a dryer

57

00:02:19,159 --> 00:02:24,120

on her mother's

58
00:02:20,530 --> 00:02:24,120
[Music]

59
00:02:25,210 --> 00:02:31,530
if you could take your phone

60
00:02:28,379 --> 00:02:31,530
[Music]

61
00:02:32,110 --> 00:02:37,340
so biology is a popular kind of

62
00:02:35,240 --> 00:02:40,189
imaginary game first thing I'd like to

63
00:02:37,340 --> 00:02:43,610
just about that your arm is that sighs

64
00:02:40,189 --> 00:02:47,209
just help you this motorized for me and

65
00:02:43,610 --> 00:02:48,410
then this is imaginary game that's right

66
00:02:47,209 --> 00:02:50,569
arm on this angle

67
00:02:48,409 --> 00:02:54,409
it's absolutely this sensitive and

68
00:02:50,569 --> 00:02:57,349
vibrant alive the sister was and in

69
00:02:54,409 --> 00:02:58,870
imaginary going I'm going to touch a lot

70
00:02:57,349 --> 00:03:01,430
of fingers obviously it would be

71
00:02:58,870 --> 00:03:02,629
physically impossible for you to feel

72
00:03:01,430 --> 00:03:03,560
much from those things I'm touching

73
00:03:02,629 --> 00:03:04,400
because there is essentially nothing

74
00:03:03,560 --> 00:03:06,500
there at all

75
00:03:04,400 --> 00:03:07,969
but instead of you thinking I don't know

76
00:03:06,500 --> 00:03:10,250
what you do think what if I didn't know

77
00:03:07,969 --> 00:03:12,469
which finger when I feel good touch it

78
00:03:10,250 --> 00:03:13,909
but I didn't ask used to just so that

79
00:03:12,469 --> 00:03:18,680
everybody knows that you really aren't

80
00:03:13,909 --> 00:03:20,870
going to be able to see you look to your

81
00:03:18,680 --> 00:03:23,689
left from you just turn your head to the

82
00:03:20,870 --> 00:03:27,650
left that's right touch one of the

83
00:03:23,689 --> 00:03:30,469
fingers know

84
00:03:27,650 --> 00:03:37,700
so the I suppose from shallow to thinner

85
00:03:30,469 --> 00:03:39,709
Akira Ernest just taken what mister that

86

00:03:37,699 --> 00:03:42,649
recession since I should being character

87
00:03:39,709 --> 00:03:45,408
from thee touch receptors in the dermis

88
00:03:42,650 --> 00:03:47,480
of the skin there a message we Carol

89
00:03:45,408 --> 00:03:50,090
always fun comment your brain where it's

90
00:03:47,479 --> 00:03:54,889
interpreted as it's an accession of one

91
00:03:50,090 --> 00:03:58,400
of those fingers being touched and then

92
00:03:54,889 --> 00:04:00,159
imaginary secession can you tell which

93
00:03:58,400 --> 00:04:06,920
finger touch

94
00:04:00,159 --> 00:04:08,539
no muscle mister anything we're going to

95
00:04:06,919 --> 00:04:10,280
be trying it and what are the islands of

96
00:04:08,539 --> 00:04:11,568
a building right so if you do the same

97
00:04:10,280 --> 00:04:13,340
thing for me personalized just going off

98
00:04:11,568 --> 00:04:14,839
to the side now I've got a box of

99
00:04:13,340 --> 00:04:17,209
objects here on the table I'm gonna

100
00:04:14,840 --> 00:04:17,600

place an object onto the part of that

101

00:04:17,209 --> 00:04:26,199

hand

102

00:04:17,600 --> 00:04:29,389

keep your eyes closed like that please

103

00:04:26,199 --> 00:04:32,180

don't peek what you said you get a

104

00:04:29,389 --> 00:04:35,810

beginning to the sensation their weight

105

00:04:32,180 --> 00:04:36,490

or Tavish our service but you know I

106

00:04:35,810 --> 00:04:40,199

think

107

00:04:36,490 --> 00:04:46,870

you get first innocence on this moon

108

00:04:40,199 --> 00:04:47,978

Sophia sleuth okay what about shape okay

109

00:04:46,870 --> 00:04:49,449

I know I know when you shake it and

110

00:04:47,978 --> 00:04:51,189

that's gonna be you think you know who

111

00:04:49,449 --> 00:04:52,960

can't do it so I think more into that

112

00:04:51,189 --> 00:04:53,949

gets the calendar so that's become that

113

00:04:52,959 --> 00:04:55,269

the batter again wants like a

114

00:04:53,949 --> 00:04:57,490

role-playing game play the role of

115
00:04:55,269 --> 00:05:02,219
something you feel something in there so

116
00:04:57,490 --> 00:05:05,590
you said it's smooth quite thin along

117
00:05:02,220 --> 00:05:08,639
okay it feels kind of like a plastic he

118
00:05:05,589 --> 00:05:11,888
kind of this is very distinguished I

119
00:05:08,639 --> 00:05:14,310
can't wait a little to see you get any

120
00:05:11,889 --> 00:05:14,310
closer to identifying

121
00:05:14,800 --> 00:05:17,920
[Music]

122
00:05:20,449 --> 00:05:27,009
[Music]

123
00:05:21,959 --> 00:05:30,038
there's no bad so she won't but then do

124
00:05:27,009 --> 00:05:32,319
it again soon right

125
00:05:30,038 --> 00:05:40,418
let's listen to one more song pleasure I

126
00:05:32,319 --> 00:05:43,289
saw you change to something else okay

127
00:05:40,418 --> 00:05:43,288
just

128
00:05:47,699 --> 00:05:57,509
[Music]

129
00:05:53,559 --> 00:06:06,759
ceramic is you getting like a cooler

130
00:05:57,509 --> 00:06:09,150
harder more solid surface shape just

131
00:06:06,759 --> 00:06:17,400
concentrate on the sensation

132
00:06:09,149 --> 00:06:21,849
[Music]

133
00:06:17,399 --> 00:06:23,469
I think opposites oh yeah really

134
00:06:21,850 --> 00:06:29,080
okay

135
00:06:23,470 --> 00:06:38,810
[Music]

136
00:06:29,079 --> 00:06:41,120
I felt that the kind of smoothness the

137
00:06:38,810 --> 00:06:41,540
coldness the essence for any first touch

138
00:06:41,120 --> 00:06:43,720
it

139
00:06:41,540 --> 00:06:47,360
and I see nice to put figures or the cup

140
00:06:43,720 --> 00:06:50,300
so I knew that it's following sort of I

141
00:06:47,360 --> 00:06:52,129
hope is very hard kind of picked a

142
00:06:50,300 --> 00:06:55,579
different artist sensation to gain from

143

00:06:52,129 --> 00:06:58,399
weight cold sweetness whatever you can

144
00:06:55,579 --> 00:07:00,439
kind of discern Dave that's quite scary

145
00:06:58,399 --> 00:07:03,049
we all miss interesting fields that I

146
00:07:00,439 --> 00:07:06,139
had hasn't been there for need for years

147
00:07:03,050 --> 00:07:08,750
very very very scary well the

148
00:07:06,139 --> 00:07:11,418
limitations of biomedical model because

149
00:07:08,750 --> 00:07:13,370
that says that everything originates in

150
00:07:11,418 --> 00:07:15,199
the brain and the nervous system and if

151
00:07:13,370 --> 00:07:17,840
there's nothing else that couldn't

152
00:07:15,199 --> 00:07:19,639
happen so I gave this presentation of

153
00:07:17,839 --> 00:07:21,259
very similar presentations just about a

154
00:07:19,639 --> 00:07:23,329
month ago at Harvard at the Medical

155
00:07:21,259 --> 00:07:25,399
School where they have an institute to

156
00:07:23,329 --> 00:07:28,519
study research design for Integrative

157
00:07:25,399 --> 00:07:31,789

Medicine and you know seem like a good

158

00:07:28,519 --> 00:07:34,579

audience I presented this same slide

159

00:07:31,790 --> 00:07:35,689

that slide I mean video to them and here

160

00:07:34,579 --> 00:07:40,339

were some of their potential

161

00:07:35,689 --> 00:07:43,189

explanations and you can see what the

162

00:07:40,339 --> 00:07:45,709

what the mentality is behind its total

163

00:07:43,189 --> 00:07:47,779

complete skepticism about the existence

164

00:07:45,709 --> 00:07:49,250

of any kind of energy and you know these

165

00:07:47,779 --> 00:07:50,750

are possibilities that he might have

166

00:07:49,250 --> 00:07:52,579

peaked and they might have edited it out

167

00:07:50,750 --> 00:07:53,720

and you might have been told ahead of

168

00:07:52,579 --> 00:07:56,269

time and you know all I think these

169

00:07:53,720 --> 00:07:58,340

things could have happened that required

170

00:07:56,269 --> 00:08:00,589

an incredible amount of deception and

171

00:07:58,339 --> 00:08:02,538

ill will for that to happen but you know

172
00:08:00,589 --> 00:08:05,989
this is this is where a lot of academic

173
00:08:02,538 --> 00:08:08,978
centers draw the line and that's why in

174
00:08:05,990 --> 00:08:11,180
if it doesn't sound too worked

175
00:08:08,978 --> 00:08:13,519
phantom pain is my favorite pain

176
00:08:11,180 --> 00:08:15,590
disorder because it really shows the

177
00:08:13,519 --> 00:08:17,569
limitations of the medical model so let

178
00:08:15,589 --> 00:08:19,459
me take you through a little bit of a

179
00:08:17,569 --> 00:08:21,349
history of it and show you what we can

180
00:08:19,459 --> 00:08:23,478
learn from it so this was the Bible in

181
00:08:21,350 --> 00:08:25,340
medical school Grey's Anatomy if you

182
00:08:23,478 --> 00:08:26,810
knew though everything about the muscles

183
00:08:25,339 --> 00:08:30,038
and the bones and the cells and the

184
00:08:26,810 --> 00:08:33,200
tissues you could explain everything and

185
00:08:30,038 --> 00:08:34,960
our understanding of pain actually goes

186
00:08:33,200 --> 00:08:36,729
back to Descartes two or three

187
00:08:34,960 --> 00:08:38,620
fifty years ago peripheral noxious

188
00:08:36,729 --> 00:08:40,990
stimulus travels up to the brain where

189
00:08:38,620 --> 00:08:44,100
it's perceived as pain but we've

190
00:08:40,990 --> 00:08:49,299
actually made vast strides in 350 years

191
00:08:44,100 --> 00:08:51,430
because now our models are in color it's

192
00:08:49,299 --> 00:08:53,588
actually the exact same thing of

193
00:08:51,429 --> 00:08:55,569
peripheral not systemic you know there's

194
00:08:53,589 --> 00:08:57,420
more subdivisions and we can break it

195
00:08:55,570 --> 00:09:01,930
down into the earth the brain interprets

196
00:08:57,419 --> 00:09:03,669
really it's not that different so

197
00:09:01,929 --> 00:09:06,699
fortunately there's been a revised

198
00:09:03,669 --> 00:09:09,338
edition of Gray's Anatomy some of you

199
00:09:06,700 --> 00:09:11,350
may know the work of Alex gray sacred

200

00:09:09,339 --> 00:09:13,060
mirrors and just the whole notion that

201
00:09:11,350 --> 00:09:15,159
we're luminous beings and they have all

202
00:09:13,059 --> 00:09:16,509
these different inter penetrating layers

203
00:09:15,159 --> 00:09:19,389
of different kinds of energy

204
00:09:16,509 --> 00:09:21,519
interestingly enough he's not related to

205
00:09:19,389 --> 00:09:24,549
Sir John Gray that would have been a

206
00:09:21,519 --> 00:09:27,039
very amazing karmic reincarnation or

207
00:09:24,549 --> 00:09:29,049
whatever but they're not connected so

208
00:09:27,039 --> 00:09:32,259
this is this is the model of anatomy the

209
00:09:29,049 --> 00:09:34,240
full multi-dimensional model that we

210
00:09:32,259 --> 00:09:36,069
don't learn to medical school but you

211
00:09:34,240 --> 00:09:37,720
guys here are researching what are some

212
00:09:36,070 --> 00:09:40,360
of the aspects of it that are more than

213
00:09:37,720 --> 00:09:41,950
just then that's in the bolts and and

214
00:09:40,360 --> 00:09:44,139

the main point is that human beings are

215

00:09:41,950 --> 00:09:46,060

multi-dimensional and this again is the

216

00:09:44,139 --> 00:09:49,389

limitation of the medical model is it

217

00:09:46,059 --> 00:09:53,199

focuses just on the physical body even

218

00:09:49,389 --> 00:09:54,458

that idea of energy is you know we're

219

00:09:53,200 --> 00:09:56,440

learning to talk about it by using

220

00:09:54,458 --> 00:09:58,629

electromagnetism as the language rather

221

00:09:56,440 --> 00:10:01,150

than someone said earlier not warez

222

00:09:58,629 --> 00:10:03,189

you're not gonna find pubmed stuff on

223

00:10:01,149 --> 00:10:06,100

auras but electromagnetic fields and

224

00:10:03,190 --> 00:10:08,010

then you know as a psychiatrist the mind

225

00:10:06,100 --> 00:10:11,019

and thoughts and emotions were important

226

00:10:08,009 --> 00:10:13,389

again it's it's still fairly peripheral

227

00:10:11,019 --> 00:10:16,419

social interconnections and social roles

228

00:10:13,389 --> 00:10:18,009

the spiritual aspect of it and the

229

00:10:16,419 --> 00:10:20,259

non-local dimensions they're part of

230

00:10:18,009 --> 00:10:22,328

being human it's just a question of what

231

00:10:20,259 --> 00:10:24,429

paradigm we work with and whether you're

232

00:10:22,328 --> 00:10:27,429

looking at it like this or like this and

233

00:10:24,429 --> 00:10:29,769

I think this is one of the best examples

234

00:10:27,429 --> 00:10:34,328

of incompleteness of the biopsychosocial

235

00:10:29,769 --> 00:10:37,179

model just a couple of words about how

236

00:10:34,328 --> 00:10:40,239

pain is approached in allopathic or

237

00:10:37,179 --> 00:10:42,779

Western medical model pains the enemy

238

00:10:40,240 --> 00:10:44,899

and in fact most symptoms are treated

239

00:10:42,779 --> 00:10:46,740

the enemy and a good example of a

240

00:10:44,899 --> 00:10:50,059

illustration of that is how our

241

00:10:46,740 --> 00:10:52,200

medications are all anticonvulsants

242

00:10:50,059 --> 00:10:53,789

anti-inflammatory antineoplastic were

243
00:10:52,200 --> 00:10:56,400
always against everything

244
00:10:53,789 --> 00:11:04,289
no really pro anything unless you count

245
00:10:56,399 --> 00:11:05,459
prozac so really what in an integrative

246
00:11:04,289 --> 00:11:07,289
approach you want to know about the

247
00:11:05,460 --> 00:11:09,330
person with the pain and the notion that

248
00:11:07,289 --> 00:11:11,610
pain is providing feedback that it's

249
00:11:09,330 --> 00:11:13,680
actually a useful signal not to be

250
00:11:11,610 --> 00:11:16,950
obliterated but to be learned from and

251
00:11:13,679 --> 00:11:19,649
what are ways of rebalancing the patient

252
00:11:16,950 --> 00:11:21,420
so the program that I worked in has been

253
00:11:19,649 --> 00:11:23,549
multidisciplinary we have physical

254
00:11:21,419 --> 00:11:26,639
therapists occupational therapists a

255
00:11:23,549 --> 00:11:29,459
pain doctor to do some medication where

256
00:11:26,639 --> 00:11:31,019
appropriate and a very strong behavioral

257

00:11:29,460 --> 00:11:32,430
component which I'll talk a little bit

258
00:11:31,019 --> 00:11:34,740
about but the main thing is that we

259
00:11:32,429 --> 00:11:37,620
teach people how to self-regulate their

260
00:11:34,740 --> 00:11:45,240
nervous system with biofeedback some of

261
00:11:37,620 --> 00:11:47,519
the energy approach is well-traveled can

262
00:11:45,240 --> 00:11:49,529
people here in the back or is it yeah

263
00:11:47,519 --> 00:11:53,009
okay so most people get here all I'll

264
00:11:49,529 --> 00:11:54,480
try but we'll see how it goes so let me

265
00:11:53,009 --> 00:11:59,370
focus in a little bit about the history

266
00:11:54,480 --> 00:12:00,960
of phantom pain this is one of our

267
00:11:59,370 --> 00:12:03,899
typical patients at intake and in the

268
00:12:00,960 --> 00:12:06,000
clinic now this is from a French

269
00:12:03,899 --> 00:12:09,149
military surgeon from five or six

270
00:12:06,000 --> 00:12:11,879
hundred years ago and you know we learn

271
00:12:09,149 --> 00:12:13,949

a lot from Worf unfortunately but his

272

00:12:11,879 --> 00:12:17,220

descriptions of amputation and sequela

273

00:12:13,950 --> 00:12:20,400

are very accurate even even nowadays

274

00:12:17,220 --> 00:12:20,879

Ambroise paré a in the American Civil

275

00:12:20,399 --> 00:12:24,449

War

276

00:12:20,879 --> 00:12:26,639

Silas Mitchell was a similarly surgeon

277

00:12:24,450 --> 00:12:28,860

who did similar kind of documentation

278

00:12:26,639 --> 00:12:32,580

and helped us to understand the syndrome

279

00:12:28,860 --> 00:12:34,230

better and it's been a part of of our

280

00:12:32,580 --> 00:12:38,160

cultural history can you think of a

281

00:12:34,230 --> 00:12:41,279

famous patient with phantom pain phantom

282

00:12:38,159 --> 00:12:47,069

limb pain what would you say is the most

283

00:12:41,279 --> 00:12:49,379

famous you're I'm misleading you the

284

00:12:47,070 --> 00:12:50,390

literary figure Captain Ahab actually

285

00:12:49,379 --> 00:12:53,539

had phantom limb

286
00:12:50,389 --> 00:12:56,750
and there are a couple of quotes from

287
00:12:53,539 --> 00:12:58,578
moby dick where he talks about it the

288
00:12:56,750 --> 00:13:00,440
first one he's on the deck talking with

289
00:12:58,578 --> 00:13:03,049
the carpenter and the carpenter said

290
00:13:00,440 --> 00:13:05,420
he's heard that a dis masted man you

291
00:13:03,049 --> 00:13:07,159
know using nautical terms never loses

292
00:13:05,419 --> 00:13:09,469
the feeling that it will still be

293
00:13:07,159 --> 00:13:11,870
pricking him at times so the notion that

294
00:13:09,470 --> 00:13:14,660
there are unpleasant sensations even

295
00:13:11,870 --> 00:13:16,820
after the amputation has happened so

296
00:13:14,659 --> 00:13:20,419
then a hab proposes is really an

297
00:13:16,820 --> 00:13:22,730
experiment that the carpenter takes his

298
00:13:20,419 --> 00:13:25,009
intact leg in places that where his

299
00:13:22,730 --> 00:13:27,980
takes away stumps so that two of them

300
00:13:25,009 --> 00:13:30,139
combined to make one distinct leg to the

301
00:13:27,980 --> 00:13:33,139
eye yet two to the soul because two

302
00:13:30,139 --> 00:13:35,299
people are having perceptions there so

303
00:13:33,139 --> 00:13:37,220
we're thou feel this tingling life they

304
00:13:35,299 --> 00:13:38,509
are exactly they're they're two a hairdo

305
00:13:37,220 --> 00:13:40,910
I it's a riddle

306
00:13:38,509 --> 00:13:42,919
and really that's the the whole notion

307
00:13:40,909 --> 00:13:45,620
of how do we perceive things that are

308
00:13:42,919 --> 00:13:48,219
invisible just a more modern at

309
00:13:45,620 --> 00:13:50,990
treatment of the situation's a movie

310
00:13:48,220 --> 00:13:53,300
based on a true story of a bicyclist who

311
00:13:50,990 --> 00:13:55,579
was injured in an automobile accident

312
00:13:53,299 --> 00:13:57,139
lost his leg and his life spiraled

313
00:13:55,578 --> 00:13:57,559
downward because he couldn't cycle

314

00:13:57,139 --> 00:14:00,409
anymore

315
00:13:57,559 --> 00:14:02,539
he was eventually healed of his phantom

316
00:14:00,409 --> 00:14:04,039
limb pain and there's a clue here in

317
00:14:02,539 --> 00:14:09,049
this picture about what the healing

318
00:14:04,039 --> 00:14:11,838
ingredient of you good at reading body

319
00:14:09,049 --> 00:14:13,479
language so yes he meets a girl and she

320
00:14:11,839 --> 00:14:16,070
falls in love with him unconditionally

321
00:14:13,480 --> 00:14:17,690
despite what happened to him

322
00:14:16,070 --> 00:14:20,060
and healing happens and that's a very

323
00:14:17,690 --> 00:14:22,130
important phrase as I'll be talking

324
00:14:20,059 --> 00:14:24,649
about energy psychology in a bit some of

325
00:14:22,129 --> 00:14:27,470
the trauma release therapies where that

326
00:14:24,649 --> 00:14:30,589
particular aspect of unconditional love

327
00:14:27,470 --> 00:14:34,040
is so crucial so just a little bit about

328
00:14:30,589 --> 00:14:36,019

the the story of it it happens most

329

00:14:34,039 --> 00:14:38,448

commonly after post amputation but also

330

00:14:36,019 --> 00:14:40,519

even with spinal cord injury and a

331

00:14:38,448 --> 00:14:42,769

majority of amputee patients will have a

332

00:14:40,519 --> 00:14:44,929

sensation that the limb is there it's

333

00:14:42,769 --> 00:14:48,078

not always painful but the numbers vary

334

00:14:44,929 --> 00:14:50,269

all over the place children have much

335

00:14:48,078 --> 00:14:52,458

lower percentages of the pain itself and

336

00:14:50,269 --> 00:14:54,560

people who are born without limbs

337

00:14:52,458 --> 00:14:57,138

congenitally do not have phantom

338

00:14:54,559 --> 00:15:02,149

and it can affect any organ anything

339

00:14:57,139 --> 00:15:04,430

that's been removed surgically you can

340

00:15:02,149 --> 00:15:06,828

have phantoms of and the pains are

341

00:15:04,429 --> 00:15:07,549

variable and extremely extremely

342

00:15:06,828 --> 00:15:09,318

unpleasant

343
00:15:07,549 --> 00:15:10,849
and unfortunately medications and

344
00:15:09,318 --> 00:15:12,919
surgery and nerve oblations and things

345
00:15:10,850 --> 00:15:14,870
like that don't work very well so here's

346
00:15:12,919 --> 00:15:16,399
a fairly recent quote that says

347
00:15:14,870 --> 00:15:21,669
basically most currently available

348
00:15:16,399 --> 00:15:24,980
treatments are ineffective this is a

349
00:15:21,669 --> 00:15:26,599
pictorial display of the different types

350
00:15:24,980 --> 00:15:28,430
of sensation you can see you wouldn't

351
00:15:26,600 --> 00:15:31,159
want any part of your body to feel that

352
00:15:28,429 --> 00:15:34,008
way and the treatments have been aimed

353
00:15:31,159 --> 00:15:35,870
at every level of your axis of the

354
00:15:34,009 --> 00:15:38,600
spinal cord all the way up to the brain

355
00:15:35,870 --> 00:15:42,470
and yet still doesn't work there's a lot

356
00:15:38,600 --> 00:15:45,709
of very interesting neurobiology that's

357
00:15:42,470 --> 00:15:48,559
been studied especially with the notion

358
00:15:45,708 --> 00:15:50,748
of neuroplasticity the model is that the

359
00:15:48,558 --> 00:15:52,879
phantom sensations are basically

360
00:15:50,749 --> 00:15:56,720
hallucinations tactile hallucinations

361
00:15:52,879 --> 00:15:58,370
constructed by the cortex as part of a

362
00:15:56,720 --> 00:16:00,980
reorganization when you're not receiving

363
00:15:58,370 --> 00:16:03,709
direct sensations from there the brain

364
00:16:00,980 --> 00:16:05,629
will rewire to accommodate and they'll

365
00:16:03,708 --> 00:16:08,208
have F MRIs functional magnetic

366
00:16:05,629 --> 00:16:11,240
resonance imaging to show differences in

367
00:16:08,208 --> 00:16:14,088
function after amputation but really

368
00:16:11,240 --> 00:16:16,220
it's you know this whole idea of

369
00:16:14,089 --> 00:16:19,420
functional neural Anatomy is not is not

370
00:16:16,220 --> 00:16:19,420
new to our condition

371

00:16:20,879 --> 00:16:27,070
so you recognize that's been it's been

372
00:16:24,429 --> 00:16:29,349
around for a long time we're actually

373
00:16:27,070 --> 00:16:32,470
black at the moment what what's it

374
00:16:29,350 --> 00:16:33,639
called phrenology thank you yeah they

375
00:16:32,470 --> 00:16:36,790
had the same idea that different

376
00:16:33,639 --> 00:16:40,750
emotions are located different bumps in

377
00:16:36,789 --> 00:16:42,099
the head rather than okay enough taking

378
00:16:40,750 --> 00:16:44,708
out my aggression on the Western medical

379
00:16:42,100 --> 00:16:47,800
model so there are many integrator

380
00:16:44,708 --> 00:16:50,409
approaches to phantom pain including the

381
00:16:47,799 --> 00:16:53,819
standard sort of by mind-body approaches

382
00:16:50,409 --> 00:16:56,139
like biofeedback and hypnosis there's an

383
00:16:53,820 --> 00:16:58,420
innovative approach that evolved eye

384
00:16:56,139 --> 00:17:00,789
movements while thinking about upsetting

385
00:16:58,419 --> 00:17:03,099

events that somehow or other helps to

386

00:17:00,789 --> 00:17:05,789

release upsetting emotions and that's

387

00:17:03,100 --> 00:17:08,588

been very helpful with phantom pain

388

00:17:05,789 --> 00:17:10,688

there's a mirror box therapy that is

389

00:17:08,588 --> 00:17:13,750

really fascinating I don't have time to

390

00:17:10,689 --> 00:17:15,308

go into it but it involves for example

391

00:17:13,750 --> 00:17:18,279

if one arm is missing you set up a

392

00:17:15,308 --> 00:17:20,170

mirror opposite your intact on so that

393

00:17:18,279 --> 00:17:22,750

it looks to you as though you have both

394

00:17:20,170 --> 00:17:25,539

arms and hands and fingers there you

395

00:17:22,750 --> 00:17:27,699

move your intact hands and it looks as

396

00:17:25,539 --> 00:17:32,139

though you're missing hands are back and

397

00:17:27,699 --> 00:17:34,269

are working and somehow or other that is

398

00:17:32,140 --> 00:17:36,550

a very effective course of treatment

399

00:17:34,269 --> 00:17:38,529

I'll talk about the energetics of it

400
00:17:36,549 --> 00:17:40,720
later because this is proposed as part

401
00:17:38,529 --> 00:17:43,720
of the neuroplasticity model that your

402
00:17:40,720 --> 00:17:46,179
brain rewires and can learn new ways of

403
00:17:43,720 --> 00:17:48,009
interpreting sensation this takes a

404
00:17:46,179 --> 00:17:49,360
while though the rewiring process takes

405
00:17:48,009 --> 00:17:52,089
a while yet you'll see some of these

406
00:17:49,359 --> 00:17:55,058
energy approaches are much too rapid to

407
00:17:52,089 --> 00:17:56,769
explain by that model so going back to

408
00:17:55,058 --> 00:17:59,769
the model that I think is necessary in

409
00:17:56,769 --> 00:18:01,779
order to understand it the energy field

410
00:17:59,769 --> 00:18:03,329
model and it's part of our Western

411
00:18:01,779 --> 00:18:05,460
tradition this is the man

412
00:18:03,329 --> 00:18:07,739
and you know high spiritual beings are

413
00:18:05,460 --> 00:18:12,419
often portrayed with some kind of aura

414
00:18:07,739 --> 00:18:16,909
where Nimbus is if you will this is it

415
00:18:12,419 --> 00:18:19,980
could be an energy field diagram so so

416
00:18:16,909 --> 00:18:24,989
exact in the Tibetan Buddhist tradition

417
00:18:19,980 --> 00:18:27,450
the same idea of different layers to an

418
00:18:24,989 --> 00:18:29,909
overriding energy field or rainbow body

419
00:18:27,450 --> 00:18:32,548
as they call it in Islam there's also

420
00:18:29,909 --> 00:18:38,909
the notion that people attainment also

421
00:18:32,548 --> 00:18:40,739
have corresponding luminosity I can't

422
00:18:38,909 --> 00:18:42,419
read this the the doctor is saying to

423
00:18:40,739 --> 00:18:43,769
his patient he's scolding his patient

424
00:18:42,419 --> 00:18:46,930
he's saying you've been fooling around

425
00:18:43,769 --> 00:18:49,450
with alternative medicines haven't you

426
00:18:46,930 --> 00:18:51,430
and so there's a there's a couple points

427
00:18:49,450 --> 00:18:53,230
a one is that your aura does expand with

428

00:18:51,430 --> 00:18:55,299
alternative medicine and the other is

429
00:18:53,230 --> 00:18:57,099
that if a withered prune of a doctor

430
00:18:55,299 --> 00:19:00,669
like that can sense energy fields then

431
00:18:57,099 --> 00:19:03,069
anybody princess and actually there are

432
00:19:00,670 --> 00:19:04,690
some very simple demonstrations I don't

433
00:19:03,069 --> 00:19:06,759
know if you're familiar with some of

434
00:19:04,690 --> 00:19:08,470
these therapeutic touch type approaches

435
00:19:06,759 --> 00:19:10,950
again we don't have time to do a

436
00:19:08,470 --> 00:19:13,029
demonstration here but that type of

437
00:19:10,950 --> 00:19:15,970
sensing that something is between your

438
00:19:13,029 --> 00:19:18,670
hands forms the basis for what I'm going

439
00:19:15,970 --> 00:19:21,519
to describe to you and you know now that

440
00:19:18,670 --> 00:19:23,740
we have modern electronic equipment

441
00:19:21,519 --> 00:19:25,960
people like Dartmouth folks and others

442
00:19:23,740 --> 00:19:28,470

are measuring that there is at least an

443

00:19:25,960 --> 00:19:30,819
electromagnetic type of field

444

00:19:28,470 --> 00:19:33,519
surrounding us whether that is the

445

00:19:30,819 --> 00:19:37,359
entirety of the energetics of the human

446

00:19:33,519 --> 00:19:40,179
field is not there yet well this goes

447

00:19:37,359 --> 00:19:41,769
back to Franz Mesmer you know most

448

00:19:40,179 --> 00:19:44,080
people know him as a shaman and a quack

449

00:19:41,769 --> 00:19:46,150
but there's a very interesting backstory

450

00:19:44,079 --> 00:19:49,899
to him that he was very successful using

451

00:19:46,150 --> 00:19:52,330
his animal magnetism and mesmeric passes

452

00:19:49,900 --> 00:19:54,400
in to such an extent that he was

453

00:19:52,329 --> 00:19:55,629
threatening the conventional doctors at

454

00:19:54,400 --> 00:19:57,790
that time and they called the Royal

455

00:19:55,630 --> 00:20:00,640
Commission and they did a hatchet job on

456

00:19:57,789 --> 00:20:03,849
and they did you know some testing but

457
00:20:00,640 --> 00:20:05,470
it was highly biased and now 200 years

458
00:20:03,849 --> 00:20:07,808
later were coming back to have another

459
00:20:05,470 --> 00:20:09,670
look at him but the modern nursing

460
00:20:07,808 --> 00:20:13,509
practice of therapeutic touch is

461
00:20:09,670 --> 00:20:16,269
actually analog exact analog to his

462
00:20:13,509 --> 00:20:18,039
mesmeric passes so without going into

463
00:20:16,269 --> 00:20:19,990
too much detail just say that I learned

464
00:20:18,039 --> 00:20:22,089
this technique and was using it in some

465
00:20:19,990 --> 00:20:24,789
of my patients and basically it involves

466
00:20:22,089 --> 00:20:26,639
feeling this sense that people often get

467
00:20:24,789 --> 00:20:30,549
a pressure or temperature or something

468
00:20:26,640 --> 00:20:33,130
you assess first the field around the

469
00:20:30,549 --> 00:20:35,579
patient so I was doing it with I decided

470
00:20:33,130 --> 00:20:38,559
to do with one particular patient

471
00:20:35,579 --> 00:20:40,899
because the normal treatment program

472
00:20:38,558 --> 00:20:42,579
wasn't particularly helpful he was a guy

473
00:20:40,900 --> 00:20:46,179
in his mid-30s had been very athletic

474
00:20:42,579 --> 00:20:49,759
and had lost it was above or below the

475
00:20:46,179 --> 00:20:52,460
knee and a crush injury at work

476
00:20:49,759 --> 00:20:54,349
and after the surgical amputation he was

477
00:20:52,460 --> 00:20:56,240
really hindered by the phantom pain and

478
00:20:54,349 --> 00:20:58,579
wasn't able to kind of get out of a rut

479
00:20:56,240 --> 00:21:01,700
and didn't respond well to most of the

480
00:20:58,579 --> 00:21:03,889
treatments that we did so kind of out of

481
00:21:01,700 --> 00:21:06,230
desperation on my part a little bit of

482
00:21:03,890 --> 00:21:08,630
curiosity but was more along I thought

483
00:21:06,230 --> 00:21:10,400
about I asked him would you'd like to

484
00:21:08,630 --> 00:21:13,250
try this new treatment called

485

00:21:10,400 --> 00:21:14,810
therapeutic touch and as I mentioned

486
00:21:13,250 --> 00:21:16,519
they were willing to try anything second

487
00:21:14,809 --> 00:21:18,379
he'd laid down on the table he took off

488
00:21:16,519 --> 00:21:21,440
this prosthesis I said just close your

489
00:21:18,380 --> 00:21:23,780
eyes and relax and I started excuse me

490
00:21:21,440 --> 00:21:26,330
by doing this assessment at this field

491
00:21:23,779 --> 00:21:28,129
and I could feel the same pressure that

492
00:21:26,329 --> 00:21:29,659
we could feel in our hands I felt on

493
00:21:28,130 --> 00:21:32,660
this body and for some reason I

494
00:21:29,660 --> 00:21:35,930
continued down even where his leg was

495
00:21:32,660 --> 00:21:38,690
missing and much to my surprise I could

496
00:21:35,930 --> 00:21:40,490
feel that same pressure sensation you

497
00:21:38,690 --> 00:21:43,190
know down at his foot level even though

498
00:21:40,490 --> 00:21:45,920
there was no flesh and blood for a

499
00:21:43,190 --> 00:21:49,130

couple of feet anyway so that kind of

500

00:21:45,920 --> 00:21:51,470

made me react but as interesting if not

501

00:21:49,130 --> 00:21:53,060

more so was the patient's response he

502

00:21:51,470 --> 00:21:54,440

said what are you doing and he opened

503

00:21:53,059 --> 00:21:56,179

his eyes cuz his eyes have been closed

504

00:21:54,440 --> 00:21:58,370

and I said what's the matter he said I

505

00:21:56,180 --> 00:22:02,539

could feel you I could feel your hand

506

00:21:58,369 --> 00:22:06,199

touching my phantom so those two things

507

00:22:02,539 --> 00:22:08,420

were profoundly weird in a very positive

508

00:22:06,200 --> 00:22:10,279

sense because something happened it

509

00:22:08,420 --> 00:22:12,140

wasn't I suppose you could say it was

510

00:22:10,279 --> 00:22:14,119

you know there's that term for shared

511

00:22:12,140 --> 00:22:16,070

delusional system of fully under that we

512

00:22:14,119 --> 00:22:17,569

had created some sort of something but

513

00:22:16,069 --> 00:22:19,490

neither of us was expecting and hoping

514
00:22:17,569 --> 00:22:22,399
and it was very very powerful I

515
00:22:19,490 --> 00:22:25,339
continued the smoothing out motion and

516
00:22:22,400 --> 00:22:27,769
he described the pain flowing out a hole

517
00:22:25,339 --> 00:22:30,859
in the bottom of his foot and I was very

518
00:22:27,769 --> 00:22:32,089
excited until he said told me to stop he

519
00:22:30,859 --> 00:22:34,039
asked me to stop and I said why I

520
00:22:32,089 --> 00:22:35,959
thought it was helping you and he said

521
00:22:34,039 --> 00:22:37,700
well it is making the pain go away but

522
00:22:35,960 --> 00:22:40,670
that's a very uncomfortable feeling

523
00:22:37,700 --> 00:22:44,360
because without the pain I won't have a

524
00:22:40,670 --> 00:22:46,850
leg and he was psychologically not ready

525
00:22:44,359 --> 00:22:49,869
to accept fully that he was an amputee

526
00:22:46,849 --> 00:22:52,309
so the pain was serving a very important

527
00:22:49,869 --> 00:22:54,439
existential function it overrode

528
00:22:52,309 --> 00:22:56,269
whatever physical discomfort he might

529
00:22:54,440 --> 00:22:58,009
have had so in that that was like a 20

530
00:22:56,269 --> 00:23:00,920
minute session and it literally took me

531
00:22:58,009 --> 00:23:01,319
20 years to unpack all the things that

532
00:23:00,920 --> 00:23:07,080
happen

533
00:23:01,319 --> 00:23:08,759
it was so so rich so oh just to show you

534
00:23:07,079 --> 00:23:11,519
that therapeutic touch is not just a

535
00:23:08,759 --> 00:23:14,730
placebo effect they've done studies with

536
00:23:11,519 --> 00:23:18,538
cell cells in culture in vitro - you

537
00:23:14,730 --> 00:23:19,139
know fibroblasts are not known for

538
00:23:18,538 --> 00:23:22,528
having a strong

539
00:23:19,138 --> 00:23:24,329
recibo response to anything so the fact

540
00:23:22,528 --> 00:23:25,798
that you can and these are you know

541
00:23:24,329 --> 00:23:28,619
there are a lot of studies along these

542

00:23:25,798 --> 00:23:31,109
lines now build stuff with cancers in

543
00:23:28,619 --> 00:23:33,479
the same vein that it's an animal model

544
00:23:31,109 --> 00:23:36,808
so take away a lot of the psychological

545
00:23:33,480 --> 00:23:38,730
variables that humans bring to the table

546
00:23:36,808 --> 00:23:46,038
so this is just this the summary of that

547
00:23:38,730 --> 00:23:48,960
case with Jim this it's a really good

548
00:23:46,038 --> 00:23:50,669
it's a really good embodiment of what

549
00:23:48,960 --> 00:23:53,038
could be possible unfortunately I only

550
00:23:50,669 --> 00:23:56,070
came across this picture and this idea

551
00:23:53,038 --> 00:23:57,628
after I had you know moved from the

552
00:23:56,069 --> 00:24:02,579
inpatient to outpatient and didn't have

553
00:23:57,628 --> 00:24:04,888
access to phantom patients but I they

554
00:24:02,579 --> 00:24:07,128
could at least sense the opposite limbs

555
00:24:04,888 --> 00:24:09,928
I don't know what would happen if they

556
00:24:07,128 --> 00:24:13,019

it's worth it's worth worth following up

557

00:24:09,929 --> 00:24:15,870

on so therapeutic touches one way of

558

00:24:13,019 --> 00:24:19,769

treating it the other way is with energy

559

00:24:15,869 --> 00:24:22,678

psychology our folks here familiar with

560

00:24:19,769 --> 00:24:26,220

EFT or tapping or energy psychologists

561

00:24:22,679 --> 00:24:28,169

just yes so number and the notion is

562

00:24:26,220 --> 00:24:31,379

that you can activate your acupuncture

563

00:24:28,169 --> 00:24:34,019

points by tapping yourself and if you do

564

00:24:31,378 --> 00:24:36,839

that while you're considering unpleasant

565

00:24:34,019 --> 00:24:41,399

emotions and unpleasant situations in a

566

00:24:36,839 --> 00:24:44,000

frame of mind of self-acceptance you

567

00:24:41,398 --> 00:24:47,699

have that kind of release breath and

568

00:24:44,000 --> 00:24:49,710

it's built up a very considerable

569

00:24:47,700 --> 00:24:51,419

literature over the last 15 years or so

570

00:24:49,710 --> 00:24:55,200

especially with post-traumatic stress

571
00:24:51,419 --> 00:24:57,190
disorder so kind of aside I think it's

572
00:24:55,200 --> 00:25:00,038
the treatment of choice now for a pts

573
00:24:57,190 --> 00:25:03,970
even though getting acceptance in the

574
00:25:00,038 --> 00:25:06,148
mainstream is taking a while but yeah I

575
00:25:03,970 --> 00:25:09,548
use this approach with some other

576
00:25:06,148 --> 00:25:11,498
phantom patients and let me show you one

577
00:25:09,548 --> 00:25:13,509
particular approach this is a woman who

578
00:25:11,499 --> 00:25:15,970
had heard a finger at work and it got

579
00:25:13,509 --> 00:25:18,190
infected like cut and got infected and

580
00:25:15,970 --> 00:25:20,858
the abscess didn't respond to

581
00:25:18,190 --> 00:25:22,690
antibiotics so she it was a bone

582
00:25:20,858 --> 00:25:23,819
infection so she ended up having her

583
00:25:22,690 --> 00:25:26,859
finger amputated

584
00:25:23,819 --> 00:25:29,200
however it wasn't all wrote better roses

585
00:25:26,858 --> 00:25:31,118
afterwards because she had so much vamos

586
00:25:29,200 --> 00:25:33,639
with the insurance company and denial of

587
00:25:31,118 --> 00:25:35,738
claims and case management plus it

588
00:25:33,638 --> 00:25:38,378
became painful to wear her prosthetic

589
00:25:35,739 --> 00:25:39,970
finger because of the phantom pain she

590
00:25:38,378 --> 00:25:41,589
was ashamed about what the stuff looked

591
00:25:39,970 --> 00:25:44,589
like she didn't socialize

592
00:25:41,589 --> 00:25:46,778
so there's a whole downward spiral we

593
00:25:44,589 --> 00:25:48,459
did two sessions with this and it's

594
00:25:46,778 --> 00:25:51,819
really it's a very brief ten-minute

595
00:25:48,460 --> 00:25:54,069
process of even though I hate the way my

596
00:25:51,819 --> 00:25:56,079
stump looks and even though I'm angry at

597
00:25:54,069 --> 00:25:57,939
the case manager I accept myself fully

598
00:25:56,079 --> 00:26:01,778
and completely tap through them some

599

00:25:57,940 --> 00:26:04,690
things very simple easy to learn so she

600
00:26:01,778 --> 00:26:06,190
did it twice and then excuse me the next

601
00:26:04,690 --> 00:26:08,288
time she came back got a very

602
00:26:06,190 --> 00:26:09,609
mischievous grin and she said dr. Les

603
00:26:08,288 --> 00:26:15,669
Corts I have something I want to show

604
00:26:09,608 --> 00:26:18,038
you she's able to wear her prosthetic

605
00:26:15,669 --> 00:26:20,139
finger that yeah in the course of those

606
00:26:18,038 --> 00:26:23,378
two as a result of those two treatments

607
00:26:20,138 --> 00:26:25,569
her pain dissipated she was able to you

608
00:26:23,378 --> 00:26:28,089
know put it back in place and she was

609
00:26:25,569 --> 00:26:30,278
able to resume socialization and do all

610
00:26:28,089 --> 00:26:31,628
all the things that made her life

611
00:26:30,278 --> 00:26:34,239
important it was just a very simple

612
00:26:31,628 --> 00:26:36,819
approach because you know honestly you

613
00:26:34,239 --> 00:26:39,608

don't expect a surgeon to ask about how

614

00:26:36,819 --> 00:26:43,298

emotionally upsetting it was to you know

615

00:26:39,608 --> 00:26:45,460

lose a limb in an accident or although

616

00:26:43,298 --> 00:26:47,398

sometimes a couple of examples they had

617

00:26:45,460 --> 00:26:50,999

patients went into surgery thinking

618

00:26:47,398 --> 00:26:53,638

but remove a diabetic gangrene and they

619

00:26:50,999 --> 00:26:56,129

woke up to find their whole foot so the

620

00:26:53,638 --> 00:26:58,439

whole helplessness around that is a

621

00:26:56,128 --> 00:27:02,218

common feeling so these are some of the

622

00:26:58,440 --> 00:27:03,599

other kinds of traumas recorded by not

623

00:27:02,219 --> 00:27:05,639

just phantom limb patients I mean

624

00:27:03,598 --> 00:27:08,368

obviously these are universal types of

625

00:27:05,638 --> 00:27:09,628

traumas but each phantom patient that

626

00:27:08,368 --> 00:27:11,579

the phantom limb patient that I work

627

00:27:09,628 --> 00:27:15,138

with had one of these to a significant

628
00:27:11,579 --> 00:27:18,838
degree a lot of it is about anger for

629
00:27:15,138 --> 00:27:22,019
doctors not helping or the accident

630
00:27:18,838 --> 00:27:25,019
itself often an adult minor

631
00:27:22,019 --> 00:27:27,269
adult injury will trigger similar but

632
00:27:25,019 --> 00:27:28,829
much more intense childhood memory and a

633
00:27:27,269 --> 00:27:30,899
lot of it is shame people are just

634
00:27:28,829 --> 00:27:33,598
ashamed of how of their appearance and

635
00:27:30,898 --> 00:27:36,228
it's hard to accept so that feeling of

636
00:27:33,598 --> 00:27:38,668
hopelessness is the common denominator

637
00:27:36,229 --> 00:27:40,609
this is a protocol for a study and I'm

638
00:27:38,669 --> 00:27:44,969
not showing it it's not a very

639
00:27:40,608 --> 00:27:46,378
incredibly elaborate or complicated one

640
00:27:44,969 --> 00:27:48,210
but I'm telling you this because it got

641
00:27:46,378 --> 00:27:50,908
rejected twice through Harvard Medical

642
00:27:48,210 --> 00:27:52,499
School once was it was just to see

643
00:27:50,909 --> 00:27:54,809
whether you could demonstrate positive

644
00:27:52,499 --> 00:27:56,338
benefits from this tapping protocol the

645
00:27:54,808 --> 00:28:00,329
first time around it was rejected

646
00:27:56,338 --> 00:28:01,588
because there were too many factors to

647
00:28:00,329 --> 00:28:03,538
the treatment and it would be important

648
00:28:01,588 --> 00:28:05,759
to dismantle them to know which elements

649
00:28:03,538 --> 00:28:07,829
of treatment were important so I rewrote

650
00:28:05,759 --> 00:28:09,690
it as a dismantling study and next year

651
00:28:07,829 --> 00:28:11,819
submitted again and that time it got

652
00:28:09,690 --> 00:28:13,889
rejected because we didn't know whether

653
00:28:11,819 --> 00:28:15,358
it was effective or not we needed to put

654
00:28:13,888 --> 00:28:17,668
all the elements together and do a

655
00:28:15,358 --> 00:28:19,769
proof-of-concept test study so I

656

00:28:17,669 --> 00:28:23,099
realized that was a catch-22 and I

657
00:28:19,769 --> 00:28:25,588
wasn't going out well so I didn't pursue

658
00:28:23,098 --> 00:28:28,468
that research but what really got me

659
00:28:25,588 --> 00:28:30,838
interested was the idea of imaging the

660
00:28:28,469 --> 00:28:34,109
phantom limb because pictures worth a

661
00:28:30,838 --> 00:28:36,210
thousand words one image of a phantom in

662
00:28:34,108 --> 00:28:37,888
space you can't talk your way out of

663
00:28:36,210 --> 00:28:40,558
that one so there are a couple of

664
00:28:37,888 --> 00:28:42,178
different technologies and approaches

665
00:28:40,558 --> 00:28:45,148
they want to talk about in the last few

666
00:28:42,179 --> 00:28:46,530
minutes here clairvoyant perception is

667
00:28:45,148 --> 00:28:48,809
an important one

668
00:28:46,529 --> 00:28:51,149
you may know Donnie evening to work with

669
00:28:48,809 --> 00:28:53,519
Eden energy medicine has been really

670
00:28:51,150 --> 00:28:56,100

crucial and she can see energy fields

671

00:28:53,519 --> 00:28:57,779

much like we got who I was talking with

672

00:28:56,099 --> 00:29:00,419

the Chi Institute

673

00:28:57,779 --> 00:29:02,399

Rosalind Briere is the medical intuitive

674

00:29:00,420 --> 00:29:04,500

consultant there and she could see the

675

00:29:02,400 --> 00:29:07,170

energy in the absent legs and she could

676

00:29:04,500 --> 00:29:09,480

see the meridian lines as strongly as it

677

00:29:07,170 --> 00:29:11,759

was legs are still there so you know if

678

00:29:09,480 --> 00:29:13,200

you work with someone and trust them

679

00:29:11,759 --> 00:29:15,240

that's impressive but if you're a

680

00:29:13,200 --> 00:29:16,559

skeptic it's still not there so what are

681

00:29:15,240 --> 00:29:20,910

some of the the gizmos that are

682

00:29:16,559 --> 00:29:23,099

available this is um this book was very

683

00:29:20,910 --> 00:29:25,590

important 25 years ago when it first

684

00:29:23,099 --> 00:29:27,389

came out and the cover is a Kirlian

685
00:29:25,589 --> 00:29:29,819
image people people know about curling

686
00:29:27,390 --> 00:29:32,310
photography that the bio field that

687
00:29:29,819 --> 00:29:34,559
exists around the healthy leaf so the

688
00:29:32,309 --> 00:29:37,409
question was what would you predict

689
00:29:34,559 --> 00:29:40,639
would happen you chopped off the tip of

690
00:29:37,410 --> 00:29:44,100
the leaf with the field follow

691
00:29:40,640 --> 00:29:47,220
continuously to the tissue of the leaf

692
00:29:44,099 --> 00:29:49,169
over something else and because this is

693
00:29:47,220 --> 00:29:51,450
a savvy audience I'm not gonna surprise

694
00:29:49,170 --> 00:29:51,600
anybody oh well that's just how it's set

695
00:29:51,450 --> 00:29:53,640
up

696
00:29:51,599 --> 00:29:56,669
but um this is what this is what it

697
00:29:53,640 --> 00:29:58,350
looks like that some sort of field

698
00:29:56,670 --> 00:30:01,320
residue is still there even though

699
00:29:58,349 --> 00:30:04,949
there's no remaining tissue so it's not

700
00:30:01,319 --> 00:30:06,480
that the electromagnetic phenomena is

701
00:30:04,950 --> 00:30:08,910
generated by the water or the

702
00:30:06,480 --> 00:30:11,460
chlorophyll of cell membranes or

703
00:30:08,910 --> 00:30:16,380
something it's somehow separate and

704
00:30:11,460 --> 00:30:18,690
possibly even prior to the cell itself

705
00:30:16,380 --> 00:30:21,710
this is that was a much earlier study

706
00:30:18,690 --> 00:30:25,320
this is a more recent one which has

707
00:30:21,710 --> 00:30:27,059
detail this is where the cut was made so

708
00:30:25,319 --> 00:30:29,759
there's no there's no leaf up there

709
00:30:27,059 --> 00:30:31,769
it's the electromagnetic structure is

710
00:30:29,759 --> 00:30:33,539
just as detailed where there isn't a

711
00:30:31,769 --> 00:30:35,700
leaf as where there is leaf and this is

712
00:30:33,539 --> 00:30:37,920
just shortly after the cut it dissipates

713

00:30:35,700 --> 00:30:40,529
with time some you know the the leaf

714
00:30:37,920 --> 00:30:42,990
isn't part of a living plant which is a

715
00:30:40,529 --> 00:30:45,750
whole other aspect of the experiment to

716
00:30:42,990 --> 00:30:48,420
test so you know how to understand that

717
00:30:45,750 --> 00:30:50,430
I think this this image is probably the

718
00:30:48,420 --> 00:30:52,870
best way you think of the cells of the

719
00:30:50,430 --> 00:30:55,360
body well you know this is the

720
00:30:52,869 --> 00:30:57,639
in a magnetic field that the cells in

721
00:30:55,359 --> 00:31:00,699
the body are like the iron filings in if

722
00:30:57,640 --> 00:31:03,130
you brush away if you amputate the iron

723
00:31:00,700 --> 00:31:05,140
filings the magnetic lines of force was

724
00:31:03,130 --> 00:31:06,940
still there we happen not to be able to

725
00:31:05,140 --> 00:31:09,759
see them with our eyes but they can

726
00:31:06,940 --> 00:31:13,509
still be there and they can still do

727
00:31:09,759 --> 00:31:16,089

their function so here's a bonus feature

728

00:31:13,509 --> 00:31:20,680

for tip from today's Lecter you know

729

00:31:16,089 --> 00:31:22,509

what that's an image of that's self set

730

00:31:20,680 --> 00:31:25,660

cell division mitosis it was a bit

731

00:31:22,509 --> 00:31:28,000

chromosomes from one cell splitting to

732

00:31:25,660 --> 00:31:29,620

form a second cell and the reason I'm

733

00:31:28,000 --> 00:31:40,359

showing you this is just look at the

734

00:31:29,619 --> 00:31:43,178

shape why I mean what what does why

735

00:31:40,359 --> 00:31:44,349

would each individual cell have its own

736

00:31:43,179 --> 00:31:47,259

magnetic field

737

00:31:44,349 --> 00:31:50,139

that seemingly is directing cell mitosis

738

00:31:47,259 --> 00:31:52,660

so I'm just tossing that out there if

739

00:31:50,140 --> 00:31:55,720

any of you're angling for a Nobel Prize

740

00:31:52,660 --> 00:31:58,150

there you go just just mention me in

741

00:31:55,720 --> 00:31:59,980

your acceptance speech no but there's

742
00:31:58,150 --> 00:32:02,850
something something significant in that

743
00:31:59,980 --> 00:32:06,190
image and I have not seen it addressed

744
00:32:02,849 --> 00:32:09,219
appropriately so just a quick survey of

745
00:32:06,190 --> 00:32:13,120
some of the attempts we've made to image

746
00:32:09,220 --> 00:32:16,630
the Phantom this is actually just a Xerox

747
00:32:13,119 --> 00:32:19,239
of my hand in this position because we

748
00:32:16,630 --> 00:32:21,970
tried to take a curling image of a

749
00:32:19,240 --> 00:32:24,069
patient who is missing the distal joint

750
00:32:21,970 --> 00:32:27,569
of his thumb so what you're gonna see as

751
00:32:24,069 --> 00:32:32,169
the as the Kirlian image is in that same

752
00:32:27,569 --> 00:32:34,629
alignment this is a very cool looking

753
00:32:32,170 --> 00:32:37,050
image but unfortunately his his finger

754
00:32:34,630 --> 00:32:40,090
was the missing part was out here so

755
00:32:37,049 --> 00:32:43,899
this is just showing something around

756
00:32:40,089 --> 00:32:45,909
the living tissue the the acupuncture

757
00:32:43,900 --> 00:32:48,429
and curling photographer a person that I

758
00:32:45,910 --> 00:32:52,929
worked with Marni nazar some of you may

759
00:32:48,429 --> 00:32:55,090
know her work thanks thought that it

760
00:32:52,929 --> 00:32:57,550
just required too much electrical

761
00:32:55,089 --> 00:32:59,199
intensity and overrode whatever field

762
00:32:57,549 --> 00:32:59,649
there might be so we're working on a

763
00:32:59,200 --> 00:33:01,450
reef

764
00:32:59,650 --> 00:33:05,590
with the Institute of frontier science

765
00:33:01,450 --> 00:33:08,340
people Beverly Rubik and her team gdv is

766
00:33:05,589 --> 00:33:12,129
a way of assessing activity of

767
00:33:08,339 --> 00:33:17,470
acupuncture meridians in each finger and

768
00:33:12,130 --> 00:33:19,000
it construct the software construct what

769
00:33:17,470 --> 00:33:21,400
the bio field looks like this is a

770

00:33:19,000 --> 00:33:23,410
person who's missing a leg and the field

771
00:33:21,400 --> 00:33:25,690
looks the same but it's not it's not a

772
00:33:23,410 --> 00:33:28,300
direct image so it's not quite what we

773
00:33:25,690 --> 00:33:31,779
were hoping for so we turn to england

774
00:33:28,299 --> 00:33:34,509
and p IP probably contrast interference

775
00:33:31,779 --> 00:33:37,210
photography this is an image of a holy

776
00:33:34,509 --> 00:33:39,519
man that supposedly shows his spreading

777
00:33:37,210 --> 00:33:41,920
aura and on their their website they had

778
00:33:39,519 --> 00:33:48,250
a picture of using that approach with

779
00:33:41,920 --> 00:33:51,940
someone with i can't really tell they

780
00:33:48,250 --> 00:33:53,829
had him tilt sideways and they claimed

781
00:33:51,940 --> 00:33:55,509
this shows the phantom limb

782
00:33:53,829 --> 00:33:58,689
i wasn't convinced so I worked with

783
00:33:55,509 --> 00:34:02,559
Center for bio field research in India

784
00:33:58,690 --> 00:34:04,630

and gathered a fair number of subjects

785

00:34:02,559 --> 00:34:07,359

and positioned them you know in a

786

00:34:04,630 --> 00:34:09,640

sensible way so the arm or the leg is

787

00:34:07,359 --> 00:34:11,949

away from the body and this is what it

788

00:34:09,639 --> 00:34:14,398

looks like there's there's nothing out

789

00:34:11,949 --> 00:34:18,668

there so they have to acknowledge that

790

00:34:14,398 --> 00:34:20,949

their device isn't yet able to sense

791

00:34:18,668 --> 00:34:24,489

that to detect the phantom so as things

792

00:34:20,949 --> 00:34:26,589

stand now there is not an analogue to

793

00:34:24,489 --> 00:34:30,039

the phantom leaf effect we don't have a

794

00:34:26,590 --> 00:34:31,750

clear image of a phantom human but those

795

00:34:30,039 --> 00:34:33,820

are the directions that we're working on

796

00:34:31,750 --> 00:34:35,800

and I think it's really important to

797

00:34:33,820 --> 00:34:37,720

understand the trauma links because

798

00:34:35,800 --> 00:34:40,810

energy and trauma are so closely

799

00:34:37,719 --> 00:34:43,059
connected and it goes back to a

800

00:34:40,809 --> 00:34:45,250
traditional Chinese medicine that the

801

00:34:43,059 --> 00:34:47,349
mind directs the energy and the

802

00:34:45,250 --> 00:34:49,539
emotional and emotions can block the

803

00:34:47,349 --> 00:34:52,360
energy flow and that will impact your

804

00:34:49,539 --> 00:34:54,059
physiology so the key finding is that

805

00:34:52,360 --> 00:34:57,340
some of these energy treatments

806

00:34:54,059 --> 00:35:01,719
dissipate the pain too quickly to be

807

00:34:57,340 --> 00:35:03,579
result of neuroplasticity and that

808

00:35:01,719 --> 00:35:07,389
there's something energetic that happens

809

00:35:03,579 --> 00:35:09,130
first and the brain follows suit you

810

00:35:07,389 --> 00:35:09,969
don't have all those steps mapped out

811

00:35:09,130 --> 00:35:11,920
yet

812

00:35:09,969 --> 00:35:14,259
but we have a ways to go if you want to

813
00:35:11,920 --> 00:35:17,309
read more detail about fleshing out this

814
00:35:14,260 --> 00:35:19,390
model that's a good one

815
00:35:17,309 --> 00:35:22,750
blasting out this model I mean you know

816
00:35:19,389 --> 00:35:25,139
the inner mind is pretty pretty funny

817
00:35:22,750 --> 00:35:28,659
attempt this is this is available from

818
00:35:25,139 --> 00:35:30,909
Explorer the Journal of healing and

819
00:35:28,659 --> 00:35:33,399
consciousness and just want to say that

820
00:35:30,909 --> 00:35:35,339
doing work like we're doing here in this

821
00:35:33,400 --> 00:35:38,200
conference feels like that this medieval

822
00:35:35,340 --> 00:35:40,119
Shepherd who's wandered a little bit far

823
00:35:38,199 --> 00:35:43,329
afield the point where he's broken

824
00:35:40,119 --> 00:35:46,180
through you know the barriers of reality

825
00:35:43,329 --> 00:35:48,400
as he knows it and is now able to watch

826
00:35:46,179 --> 00:35:50,230
and listen to the music of his fears and

827

00:35:48,400 --> 00:35:51,760
I think that's what these conferences do

828
00:35:50,230 --> 00:35:54,940
they allow us to kind of break break

829
00:35:51,760 --> 00:35:57,160
through the paradigm in' and in a shared

830
00:35:54,940 --> 00:35:58,900
aesthetic not just not just imagine what

831
00:35:57,159 --> 00:36:00,879
he's gonna encounter when he goes back

832
00:35:58,900 --> 00:36:02,889
down to the village but if you meet up

833
00:36:00,880 --> 00:36:04,660
with other shepherds who cooked through

834
00:36:02,889 --> 00:36:06,730
that veil then then some cool stuff

835
00:36:04,659 --> 00:36:07,750
happens so those are the main points I

836
00:36:06,730 --> 00:36:08,789
want to make thank you for your

837
00:36:07,750 --> 00:36:11,909
attention

838
00:36:08,789 --> 00:36:11,909
[Applause]

839
00:36:16,130 --> 00:36:22,000
a few years ago I had one of the big

840
00:36:18,320 --> 00:36:27,320
early programs to electrically stimulate

841
00:36:22,000 --> 00:36:29,889

paraplegics the stand and walk and of

842

00:36:27,320 --> 00:36:33,050

course they had no motor function and

843

00:36:29,889 --> 00:36:35,539

they had very little or zero sensory

844

00:36:33,050 --> 00:36:38,240

function because the Mont electrical

845

00:36:35,539 --> 00:36:42,019

energy used for able-bodied person could

846

00:36:38,239 --> 00:36:45,439

never stand the pain but I required them

847

00:36:42,019 --> 00:36:47,989

to have proprioception meaning you know

848

00:36:45,440 --> 00:36:50,539

propria chefs they had to know in space

849

00:36:47,989 --> 00:36:52,399

where the limbs were was an open-loop

850

00:36:50,539 --> 00:36:54,889

program so that I could be successful

851

00:36:52,400 --> 00:36:58,570

they had to know where the limbs were in

852

00:36:54,889 --> 00:37:02,480

space yes spinal cord injured

853

00:36:58,570 --> 00:37:05,000

paraplegics and a number of patients I

854

00:37:02,480 --> 00:37:07,760

never rejected a person they all have

855

00:37:05,000 --> 00:37:09,289

proprioception even though they didn't

856
00:37:07,760 --> 00:37:11,840
have I know they didn't have little

857
00:37:09,289 --> 00:37:14,869
sensory because they couldn't stand the

858
00:37:11,840 --> 00:37:16,309
pain that is anybody looked that you

859
00:37:14,869 --> 00:37:18,230
know I just thought well there must be

860
00:37:16,309 --> 00:37:20,269
some separate nerve path that they

861
00:37:18,230 --> 00:37:22,490
didn't have but what your uncle suggests

862
00:37:20,269 --> 00:37:24,980
that there may be something else that

863
00:37:22,489 --> 00:37:27,049
gives them the proprioception clue I

864
00:37:24,980 --> 00:37:29,150
think that's an energetic sensation that

865
00:37:27,050 --> 00:37:30,560
they're experiencing and the example

866
00:37:29,150 --> 00:37:34,340
that comes to mind is there's a yoga

867
00:37:30,559 --> 00:37:37,460
instructor from Minnesota who himself is

868
00:37:34,340 --> 00:37:39,289
pathologic and got into yoga as part of

869
00:37:37,460 --> 00:37:41,920
his recovery process he's still

870
00:37:39,289 --> 00:37:44,239
paralyzed but he's developed such fine

871
00:37:41,920 --> 00:37:46,130
sensitivity to what goes on that he

872
00:37:44,239 --> 00:37:47,809
feels this sense of presence he calls it

873
00:37:46,130 --> 00:37:49,760
he feels presence in the rest of his

874
00:37:47,809 --> 00:37:52,429
body so that's what he trains his

875
00:37:49,760 --> 00:37:54,200
patients to do is to to feel and be with

876
00:37:52,429 --> 00:37:56,119
their body so that it's not just you

877
00:37:54,199 --> 00:37:57,949
know dragging along and chunk of wood

878
00:37:56,119 --> 00:37:59,719
kind of thing and so it's exactly that

879
00:37:57,949 --> 00:38:06,319
that proprioceptive sense so I think

880
00:37:59,719 --> 00:38:08,779
that's energetic rather than Erich

881
00:38:06,320 --> 00:38:10,580
quickly it done on me in seeing some of

882
00:38:08,780 --> 00:38:12,980
your imagery of beliefs and stuff there

883
00:38:10,579 --> 00:38:15,139
was a guy George de la loire who did

884

00:38:12,980 --> 00:38:15,420
some pictures I think radionics pictures

885
00:38:15,139 --> 00:38:17,699
that

886
00:38:15,420 --> 00:38:21,000
quite remember how it was but what

887
00:38:17,699 --> 00:38:23,399
struck me is when the pictures were best

888
00:38:21,000 --> 00:38:27,780
focused it was a time thing so if you

889
00:38:23,400 --> 00:38:30,690
imagine just like tuning a lens and I

890
00:38:27,780 --> 00:38:33,359
forget exactly what the point was but

891
00:38:30,690 --> 00:38:35,849
that there was a moment in time when it

892
00:38:33,358 --> 00:38:37,739
was most in focus and the other images

893
00:38:35,849 --> 00:38:41,309
when they weren't synchronized with time

894
00:38:37,739 --> 00:38:44,039
correctly were just more out of focus

895
00:38:41,309 --> 00:38:46,079
but they were not non-existent yeah well

896
00:38:44,039 --> 00:38:47,730
there are a lot of variables involved

897
00:38:46,079 --> 00:38:49,890
and that's why for example the phantom

898
00:38:47,730 --> 00:38:51,750

leaf suspect it depends on the

899

00:38:49,889 --> 00:38:53,568

photographer some people had a knack for

900

00:38:51,750 --> 00:38:56,280

getting those images and others couldn't

901

00:38:53,568 --> 00:38:58,529

one theory is that there was active it's

902

00:38:56,280 --> 00:39:01,589

an interactive process but it's not just

903

00:38:58,530 --> 00:39:03,210

a leaf there on a operator here that if

904

00:39:01,588 --> 00:39:05,489

there's an energetic connection it so

905

00:39:03,210 --> 00:39:08,039

that activates the leaf to show its

906

00:39:05,489 --> 00:39:09,889

field more directly so might have been

907

00:39:08,039 --> 00:39:15,058

the same with the the radionics

908

00:39:09,889 --> 00:39:17,058

situation I can't give me the author's

909

00:39:15,059 --> 00:39:19,740

name but I'm sure you're familiar with

910

00:39:17,059 --> 00:39:22,319

there's been several rubber hand

911

00:39:19,739 --> 00:39:25,618

illusion studies and and one in

912

00:39:22,318 --> 00:39:27,900

particular I read was that when the

913
00:39:25,619 --> 00:39:29,940
person is experiencing that out of phase

914
00:39:27,900 --> 00:39:31,380
or disc coincidence where their hand is

915
00:39:29,940 --> 00:39:34,108
kind of mapping onto the rubber hand

916
00:39:31,380 --> 00:39:37,230
that the actual physical temperature in

917
00:39:34,108 --> 00:39:41,009
their actual hand drops by about a

918
00:39:37,230 --> 00:39:43,199
degree or so and which is a huge amount

919
00:39:41,010 --> 00:39:46,020
right and so I think what's really

920
00:39:43,199 --> 00:39:47,848
interesting is that you know we we know

921
00:39:46,019 --> 00:39:50,400
this subjectively or anecdotally through

922
00:39:47,849 --> 00:39:52,500
out-of-body experience that you know

923
00:39:50,400 --> 00:39:53,730
there's there's ways to get out of phase

924
00:39:52,500 --> 00:39:55,619
or just coincidence with the physical

925
00:39:53,730 --> 00:39:57,659
body without you know have necessarily

926
00:39:55,619 --> 00:40:01,309
have the trauma so I think be

927

00:39:57,659 --> 00:40:03,210

interesting even with a non you know

928

00:40:01,309 --> 00:40:06,510

seven limb case where you could actually

929

00:40:03,210 --> 00:40:08,639

see if you can no photograph the the

930

00:40:06,510 --> 00:40:10,650

rubber hand or you know try to even have

931

00:40:08,639 --> 00:40:13,048

someone just reproduce something that's

932

00:40:10,650 --> 00:40:14,940

slightly out of disc coincidence but as

933

00:40:13,048 --> 00:40:16,619

a follow-up to that I think it's kind of

934

00:40:14,940 --> 00:40:18,630

interesting though is that when people

935

00:40:16,619 --> 00:40:20,170

do experience you know I'm gonna call

936

00:40:18,630 --> 00:40:23,079

Asheville travel

937

00:40:20,170 --> 00:40:24,970

whatever there you know those veridical

938

00:40:23,079 --> 00:40:28,089

elements you can could be somewhere and

939

00:40:24,969 --> 00:40:30,129

that's the things but we still bring her

940

00:40:28,088 --> 00:40:32,230

clothes with us right you subjectively

941

00:40:30,130 --> 00:40:33,640
see yourself with clothes if you go and

942
00:40:32,230 --> 00:40:35,108
you meet outside of the body your

943
00:40:33,639 --> 00:40:37,058
colleagues or whatever they're gonna be

944
00:40:35,108 --> 00:40:39,068
wearing clothes so so what is that it's

945
00:40:37,059 --> 00:40:42,160
like there's something that it's part of

946
00:40:39,068 --> 00:40:44,769
it points to this idea of a actual

947
00:40:42,159 --> 00:40:46,269
mediating body that's generating this

948
00:40:44,769 --> 00:40:48,190
energetic field that you're seeing is

949
00:40:46,269 --> 00:40:49,809
the aura it was like maybe like a pair

950
00:40:48,190 --> 00:40:51,818
of body or psycho soma or what have you

951
00:40:49,809 --> 00:40:54,069
but then part of it seems like we bring

952
00:40:51,818 --> 00:40:55,509
our conditioned elements with it so

953
00:40:54,068 --> 00:40:57,250
there's like this you know what's really

954
00:40:55,510 --> 00:40:59,470
generating what's the over body that's

955
00:40:57,250 --> 00:41:02,440

generating this construction of the you

956

00:40:59,469 --> 00:41:04,298

know yeah again these phenomena are

957

00:41:02,440 --> 00:41:06,789

generated so many different levels it's

958

00:41:04,298 --> 00:41:08,829

they're all they all play a role for

959

00:41:06,789 --> 00:41:10,568

example with with phantom limb sometimes

960

00:41:08,829 --> 00:41:13,269

if the pain isn't there and there's the

961

00:41:10,568 --> 00:41:15,849

presence over time it retracts and

962

00:41:13,269 --> 00:41:17,380

absorb resorbs into the body and there's

963

00:41:15,849 --> 00:41:20,650

no longer that sense there and I'm sure

964

00:41:17,380 --> 00:41:22,329

that that reflects some measurable

965

00:41:20,650 --> 00:41:24,068

change in the external and you should

966

00:41:22,329 --> 00:41:26,349

talk to people like Jim Tucker looking

967

00:41:24,068 --> 00:41:30,489

at the you know kids that have the

968

00:41:26,349 --> 00:41:32,588

experience last they have the scars and

969

00:41:30,489 --> 00:41:34,419

everything from the from the energetic

970
00:41:32,588 --> 00:41:36,460
body damage cell right right so which

971
00:41:34,420 --> 00:41:40,980
which level of that multi-dimensional

972
00:41:36,460 --> 00:41:40,980
energy body do these things originate

973
00:41:43,139 --> 00:41:48,049
let's thank our speaker again

974
00:41:45,559 --> 00:41:48,049
[Applause]