1
00:00:03,350 --> 00:00:01,670
character to trying to interpret what

2
00:00:04,630 --> 00:00:03,360
you're hearing

3
00:00:05,910 --> 00:00:04,640
so there's not much of this research

4
00:00:08,230 --> 00:00:05,920
done here there's a lot done in europe

5
00:00:10,790 --> 00:00:08,240
still though

6
00:00:12,709 --> 00:00:10,800
and then we have decoding of encrypted

7
00:00:15,669 --> 00:00:12,719
messages

8
00:00:16,790 --> 00:00:15,679
back in the late 1800s some of the

9
00:00:19,429 --> 00:00:16,800
founders of the

10
00:00:19,910 --> 00:00:19,439
society of psychical research decided to

11
00:00:22,070 --> 00:00:19,920
plan

12
00:00:23,429 --> 00:00:22,080
evidence for survival so they would

13
00:00:25,990 --> 00:00:23,439

leave

14
00:00:27,269 --> 00:00:26,000
encrypted messages with the idea that

15
00:00:30,310 --> 00:00:27,279
after they died

16
00:00:31,429 --> 00:00:30,320
they would communicate postmortem the

17
00:00:34,709 --> 00:00:31,439
key to decipher

18
00:00:36,069 --> 00:00:34,719
the message now back in the eighteen

19
00:00:37,270 --> 00:00:36,079
hundreds

20
00:00:38,869 --> 00:00:37,280
that would have been hard to do you

21
00:00:39,430 --> 00:00:38,879
could have been hard to decipher message

22
00:00:42,229 --> 00:00:39,440
without

23
00:00:45,510 --> 00:00:42,239
knowing the key now it's very simple

24
00:00:47,029 --> 00:00:45,520
with the computer

25
00:00:48,630 --> 00:00:47,039
so ian stevenson developed a

26
00:00:51,670 --> 00:00:48,640
modification of this

27
00:00:54,229 --> 00:00:51,680
and we have combination padlocks that

28
00:00:55,590 --> 00:00:54,239
you can set the combination to

29
00:00:57,750 --> 00:00:55,600
and the idea is that you would set the

30
00:00:59,910 --> 00:00:57,760
combination to your lock

31
00:01:01,110 --> 00:00:59,920
and then memorize a mnemonic device a

32
00:01:03,189 --> 00:01:01,120
phrase or a word

33
00:01:06,469 --> 00:01:03,199
that can be translated into a series of

34
00:01:08,630 --> 00:01:06,479
numbers that will open the lock

35
00:01:10,230 --> 00:01:08,640
you never write down the combination or

36
00:01:12,230 --> 00:01:10,240
the mnemonic

37
00:01:15,670 --> 00:01:12,240
so the key to opening the lock exists

38
00:01:17,590 --> 00:01:15,680

only in your mind and nowhere else

39
00:01:18,789 --> 00:01:17,600
and then after you die you will

40
00:01:22,310 --> 00:01:18,799
communicate

41
00:01:23,749 --> 00:01:22,320
the key we have some two dozen locks in

42
00:01:25,350 --> 00:01:23,759
our office

43
00:01:27,109 --> 00:01:25,360
and none of them for none of them have

44
00:01:28,149 --> 00:01:27,119
we gotten the combination uh committed

45
00:01:32,230 --> 00:01:28,159
to transmitted to it

46
00:01:36,630 --> 00:01:34,069
the third hypothesis i mentioned was

47
00:01:38,469 --> 00:01:36,640
that oops

48
00:01:40,230 --> 00:01:38,479
was that the mind can function

49
00:01:43,030 --> 00:01:40,240
independent of the brain

50
00:01:44,630 --> 00:01:43,040
now this is not a sufficient condition

51
00:01:46,469 --> 00:01:44,640
for survival

52
00:01:48,550 --> 00:01:46,479
but it is a necessary condition for

53
00:01:49,990 --> 00:01:48,560
survival if you don't have mind

54
00:01:52,069 --> 00:01:50,000
functioning without brain

55
00:01:56,069 --> 00:01:52,079
then you don't have survival because the

56
00:02:03,670 --> 00:01:58,870
we have lots of evidence for this in

57
00:02:07,510 --> 00:02:05,190
several of my colleagues recently

58
00:02:09,910 --> 00:02:07,520
published this book irreducible mind

59
00:02:11,270 --> 00:02:09,920
with 800 pages of very densely packed

60
00:02:15,670 --> 00:02:11,280
evidence mostly from

61
00:02:17,750 --> 00:02:15,680
medical journals of mind functioning

62
00:02:20,710 --> 00:02:17,760
without the brain or independent of the

63
00:02:20,720 --> 00:02:24,470

i won't read it to you now

64
00:02:28,710 --> 00:02:25,670
but i will mention some of the more

65
00:02:30,710 --> 00:02:28,720
dramatic lines of evidence

66
00:02:32,309 --> 00:02:30,720
first is deathbed recovery of lost

67
00:02:33,830 --> 00:02:32,319
mental function this happens typically

68
00:02:36,630 --> 00:02:33,840
in people who have

69
00:02:37,990 --> 00:02:36,640
dementia who've been unable to recognize

70
00:02:39,509 --> 00:02:38,000
people for decades

71
00:02:41,990 --> 00:02:39,519
people with chronic schizophrenia who

72
00:02:43,910 --> 00:02:42,000
have been psychotic for decades

73
00:02:45,670 --> 00:02:43,920
and then on their death beds they

74
00:02:47,589 --> 00:02:45,680
suddenly become rational

75
00:02:49,350 --> 00:02:47,599
lucid remember family members speak

76
00:02:52,550 --> 00:02:49,360
coherently

77
00:02:54,710 --> 00:02:52,560
now this is extremely rare most people

78
00:02:56,869 --> 00:02:54,720
with dementia do not recover before

79
00:02:59,670 --> 00:02:56,879
death

80
00:03:04,550 --> 00:02:59,680
but that happens at all is something

81
00:03:08,790 --> 00:03:04,560
material science cannot explain

82
00:03:11,110 --> 00:03:08,800
how often does it happen we don't know

83
00:03:13,110 --> 00:03:11,120
if you talk to hospice workers they will

84
00:03:14,390 --> 00:03:13,120
say oh yeah i've got lots of examples of

85
00:03:15,670 --> 00:03:14,400
that

86
00:03:16,710 --> 00:03:15,680
but there's almost nothing written in

87
00:03:18,309 --> 00:03:16,720
the medical literature about it

88
00:03:21,350 --> 00:03:18,319

nevertheless we found

89
00:03:23,030 --> 00:03:21,360
79 cases in the medical literature of

90
00:03:25,589 --> 00:03:23,040
people with severe dementia

91
00:03:27,190 --> 00:03:25,599
or chronic psychosis who in the hours

92
00:03:28,470 --> 00:03:27,200
before death or sometimes in the days

93
00:03:33,110 --> 00:03:28,480
before death

94
00:03:34,710 --> 00:03:33,120
suddenly became lucid again

95
00:03:37,830 --> 00:03:34,720
then we have people with normal

96
00:03:39,270 --> 00:03:37,840
intelligence with minimal brain tissue

97
00:03:42,550 --> 00:03:39,280
and this is brought to our attention by

98
00:03:44,830 --> 00:03:42,560
a british neurologist john lorber

99
00:03:46,390 --> 00:03:44,840
who is specializing in severe

100
00:03:48,710 --> 00:03:46,400
hydrocephalus

101
00:03:50,390 --> 00:03:48,720
usually children who have the cerebral

102
00:03:52,070 --> 00:03:50,400
ventricles which are filled with fluid

103
00:03:53,509 --> 00:03:52,080
tremendously swollen so that it presses

104
00:03:55,670 --> 00:03:53,519
on the brain

105
00:03:57,509 --> 00:03:55,680
in some of these cases you have just a

106
00:03:59,750 --> 00:03:57,519
tiny couple of millimeters of

107
00:04:02,710 --> 00:03:59,760
cerebral cortex around the outside of

108
00:04:05,750 --> 00:04:04,309
some of these are so severe it's hard to

109
00:04:08,149 --> 00:04:05,760
imagine the child even living

110
00:04:10,070 --> 00:04:08,159
let alone having a normal intelligence

111
00:04:10,949 --> 00:04:10,080
in fact most of them do not have normal

112
00:04:13,750 --> 00:04:10,959
intelligence

113
00:04:16,150 --> 00:04:13,760

but some do in fact some have high

114
00:04:18,150 --> 00:04:16,160
intelligence

115
00:04:19,909 --> 00:04:18,160
one of lorber's colleagues at the

116
00:04:23,430 --> 00:04:19,919
university of cambridge where he worked

117
00:04:24,390 --> 00:04:23,440
was a math professor and said to laura

118
00:04:26,870 --> 00:04:24,400
one day

119
00:04:28,150 --> 00:04:26,880
i've got a grad student whose head is so

120
00:04:30,950 --> 00:04:28,160
big it looks like one of your side just

121
00:04:34,150 --> 00:04:30,960
valikites would you take a look at them

122
00:04:34,870 --> 00:04:34,160
so lauber did on the left is a normal

123
00:04:37,510 --> 00:04:34,880
brain scan

124
00:04:39,030 --> 00:04:37,520
the stippled area is cortex and the dark

125
00:04:42,310 --> 00:04:39,040
area in the middle is the

126
00:04:44,550 --> 00:04:42,320
ventricles full of fluid on the right

127
00:04:46,710 --> 00:04:44,560
is this 26 year old grad student in math

128
00:04:51,110 --> 00:04:46,720
at cambridge

129
00:05:01,110 --> 00:04:54,070
but functioning as a grad student in

130
00:05:04,710 --> 00:05:04,150
what else have we got we have evidence

131
00:05:07,350 --> 00:05:04,720
from

132
00:05:09,189 --> 00:05:07,360
near-death experiences a variety of

133
00:05:13,909 --> 00:05:09,199
things about near-death experiences

134
00:05:16,550 --> 00:05:13,919
that relate to survival of death

135
00:05:17,350 --> 00:05:16,560
first almost all near-death experiences

136
00:05:20,469 --> 00:05:17,360
report that

137
00:05:20,790 --> 00:05:20,479
their thinking processes during the nde

138
00:05:22,950 --> 00:05:20,800

was

139
00:05:23,990 --> 00:05:22,960
faster and clearer than it ever has been

140
00:05:25,990 --> 00:05:24,000
before

141
00:05:27,670 --> 00:05:26,000
at a time when their brains were

142
00:05:29,270 --> 00:05:27,680
impaired

143
00:05:30,790 --> 00:05:29,280
and in some of these cases we have very

144
00:05:32,870 --> 00:05:30,800
good documentation of the brains being

145
00:05:34,310 --> 00:05:32,880
impaired for example in cardiac arrest

146
00:05:36,629 --> 00:05:34,320
where there is no blood going to the

147
00:05:39,110 --> 00:05:36,639
brain

148
00:05:40,310 --> 00:05:39,120
and yet these people say my thinking was

149
00:05:43,830 --> 00:05:40,320
better than ever

150
00:05:45,350 --> 00:05:43,840
almost as if as they say my mind was

151
00:05:49,749 --> 00:05:45,360
free of the limitations

152
00:05:53,270 --> 00:05:52,390
one fellow that i interviewed was a guy

153
00:05:56,469 --> 00:05:53,280
who had

154
00:05:57,909 --> 00:05:56,479
overdosed on medications in a suicide

155
00:06:00,469 --> 00:05:57,919
attempt

156
00:06:01,990 --> 00:06:00,479
and then started hallucinating and he

157
00:06:05,350 --> 00:06:02,000
was seeing

158
00:06:06,790 --> 00:06:05,360
little humanoid figures around him

159
00:06:09,110 --> 00:06:06,800
and then he had started having second

160
00:06:10,390 --> 00:06:09,120
thoughts about the suicide attempt

161
00:06:13,270 --> 00:06:10,400
so he tried to make it from his bed

162
00:06:14,390 --> 00:06:13,280
where he was to a telephone

163
00:06:15,749 --> 00:06:14,400

and he was having a very hard time

164
00:06:16,309 --> 00:06:15,759
because these humanoid figures were

165
00:06:19,510 --> 00:06:16,319
stopping

166
00:06:22,950 --> 00:06:19,520
getting in his way and at that point

167
00:06:24,629 --> 00:06:22,960
he drew out of his body

168
00:06:27,029 --> 00:06:24,639
and from a position about 10 feet behind

169
00:06:29,110 --> 00:06:27,039
his body his thinking suddenly became

170
00:06:31,749 --> 00:06:29,120
crystal clear

171
00:06:34,309 --> 00:06:31,759
and he looked at his body and his body

172
00:06:35,990 --> 00:06:34,319
was looking around confusedly and from

173
00:06:38,950 --> 00:06:36,000
where he was 10 feet behind

174
00:06:39,909 --> 00:06:38,960
he could not see these humanoid figures

175
00:06:42,390 --> 00:06:39,919
but he remembered

176
00:06:43,350 --> 00:06:42,400
being in the body hallucinating so here

177
00:06:46,230 --> 00:06:43,360
we have

178
00:06:47,670 --> 00:06:46,240
a brain that's still hallucinating while

179
00:06:52,629 --> 00:06:47,680
the subject the person

180
00:06:57,110 --> 00:06:54,230
so how does medical science make sense

181
00:07:03,670 --> 00:06:59,749
we also have accurate perceptions from

182
00:07:05,589 --> 00:07:03,680
an out-of-body perspective

183
00:07:07,189 --> 00:07:05,599
we have lots of examples of this lots of

184
00:07:10,629 --> 00:07:07,199
quote anecdotes

185
00:07:12,230 --> 00:07:10,639
about this one of my favorites is a

186
00:07:15,670 --> 00:07:12,240
fellow that i knew in connecticut

187
00:07:18,629 --> 00:07:15,680
named al sullivan who was a truck driver

188
00:07:19,909 --> 00:07:18,639

and during open heart surgery he left

189
00:07:22,150 --> 00:07:19,919
his body

190
00:07:23,670 --> 00:07:22,160
and as he described it he saw the

191
00:07:26,710 --> 00:07:23,680
surgeon flapping his wings as if he was

192
00:07:30,469 --> 00:07:28,309
i've been in medicine for four decades

193
00:07:32,710 --> 00:07:30,479
i've never seen a surgeon do this

194
00:07:37,749 --> 00:07:32,720
but al described it to me he said yep

195
00:07:42,550 --> 00:07:39,430
i said did you ask him about it he said

196
00:07:44,550 --> 00:07:42,560
yeah after the surgery

197
00:07:45,990 --> 00:07:44,560
i asked the surgeon why were you doing

198
00:07:47,670 --> 00:07:46,000
that

199
00:07:51,189 --> 00:07:47,680
and he said the surgeon got a very red

200
00:07:55,029 --> 00:07:51,199
face and said who told you about that

201
00:07:58,230 --> 00:07:55,039
and i said nobody told me i saw it

202
00:08:00,710 --> 00:07:58,240
when you killed me i drew with left my

203
00:08:02,469 --> 00:08:00,720
body and i watched it

204
00:08:03,749 --> 00:08:02,479
and the surgeon got very angry and said

205
00:08:05,670 --> 00:08:03,759
well you're here now aren't you

206
00:08:09,589 --> 00:08:05,680
i said i must have done some right that

207
00:08:12,469 --> 00:08:11,270
by the time al told me this it was

208
00:08:14,070 --> 00:08:12,479
several years later so i think it was

209
00:08:15,430 --> 00:08:14,080
safe for me to talk to the surgeon so i

210
00:08:18,629 --> 00:08:15,440
did

211
00:08:19,350 --> 00:08:18,639
and i asked him about this and he said

212
00:08:21,830 --> 00:08:19,360
that

213
00:08:22,550 --> 00:08:21,840

he had developed this habit of letting

214
00:08:25,670 --> 00:08:22,560
his

215
00:08:25,990 --> 00:08:25,680
residents start the surgery and then he

216
00:08:28,550 --> 00:08:26,000
would go

217
00:08:30,070 --> 00:08:28,560
in after they got started and he had

218
00:08:31,270 --> 00:08:30,080
scrubbed his hands they were gowned and

219
00:08:32,550 --> 00:08:31,280
gloved

220
00:08:34,389 --> 00:08:32,560
and he wasn't going to operate he was

221
00:08:35,509 --> 00:08:34,399
going to watch them for a while we

222
00:08:36,870 --> 00:08:35,519
wanted to make sure he didn't touch

223
00:08:37,750 --> 00:08:36,880
anything that wasn't sterile and

224
00:08:39,750 --> 00:08:37,760
contaminate

225
00:08:42,709 --> 00:08:39,760
his hands so he put the where he knew

226
00:08:46,310 --> 00:08:45,030
and then he supervised them you know

227
00:08:50,310 --> 00:08:46,320
pull over there a little more

228
00:08:53,190 --> 00:08:50,320
come over there i've never seen

229
00:08:54,870 --> 00:08:53,200
anybody else do this this doesn't happen

230
00:08:58,150 --> 00:08:54,880
on house or er

231
00:09:01,509 --> 00:08:58,160
i don't think al could have seen it

232
00:09:04,150 --> 00:09:01,519
so are these just anecdotes

233
00:09:04,870 --> 00:09:04,160
jan holden has looked at the literature

234
00:09:06,550 --> 00:09:04,880
of

235
00:09:09,269 --> 00:09:06,560
vertical perception in near-death

236
00:09:13,110 --> 00:09:09,279
experiences and she found 107

237
00:09:18,470 --> 00:09:16,150
of those there were 98 that were

238
00:09:20,790 --> 00:09:18,480

completely accurate

239
00:09:23,430 --> 00:09:20,800
there were only eight that had any

240
00:09:24,949 --> 00:09:23,440
inaccuracy at all in them

241
00:09:27,430 --> 00:09:24,959
of those 98 that were completely

242
00:09:29,829 --> 00:09:27,440
accurate 41

243
00:09:34,150 --> 00:09:29,839
were corroborated as being accurate by a

244
00:09:39,269 --> 00:09:35,430
now in spite of all these quote

245
00:09:41,030 --> 00:09:39,279
anecdotes we don't have any

246
00:09:42,310 --> 00:09:41,040
experimental verification of this

247
00:09:44,230 --> 00:09:42,320
controlled studies

248
00:09:45,750 --> 00:09:44,240
there have been a few people who tried

249
00:09:49,030 --> 00:09:45,760
to plant targets

250
00:09:51,030 --> 00:09:49,040
where patients might have ndes

251
00:09:52,310 --> 00:09:51,040
now the skeptics like to say with all

252
00:09:53,190 --> 00:09:52,320
the control studies done you've never

253
00:09:55,190 --> 00:09:53,200
had a single

254
00:09:56,630 --> 00:09:55,200
person out of their body seeing

255
00:09:57,910 --> 00:09:56,640
something accurately well all these

256
00:09:59,509 --> 00:09:57,920
studies we've done