

## Mobile radiation shield released

by Stephen Kavanagh, Technology writer | The Daily Telegraph | 04 November 2010  
10:10AM

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

# Show 107 5. Nov. 2010

A NEW product that's smaller than a five pence piece but powerful enough to shield us from the potentially harmful electromagnetic radiation generated by mobile phones and other electronic devices, has just been **RELEASED**.

The Case first employs patented Sympathetic Resonance Technology (SRT) which can maintain the strength of naturally occurring protective energy systems within our bodies.

The Case film, priced at \$45, is programmed with naturally occurring frequencies which resonate with our body's energy system just like a piano string would vibrate with a tuning fork.

This film shields us from exposure to mobile phones and electromagnetic fields (EMF's) which can cause sickness and disease.

Equation radiation frequency - creates also generate electromagnetic fields which have been



Visual resonance - the Case allows you to...  
where the Case Shield Screen The Daily Telegraph

[www.skepticzone.tv](http://www.skepticzone.tv)

1  
00:00:04,789 --> 00:00:02,210  
this week's episode of the skeptics own

2  
00:00:08,660 --> 00:00:04,799  
podcast is brought to you by skeptic

3  
00:00:18,590 --> 00:00:08,670  
bros com importers of the fabulous

4  
00:00:21,529 --> 00:00:18,600  
placebo band welcome to the skeptic zone

5  
00:00:30,660 --> 00:00:21,539  
the podcast from Australia for science

6  
00:00:37,650 --> 00:00:33,850  
hello and welcome to the skeptic zone

7  
00:00:40,450 --> 00:00:37,660  
episode 107 for the fifth of November

8  
00:00:44,590 --> 00:00:40,460  
2010 Richard Saunders here with you once

9  
00:00:49,090 --> 00:00:44,600  
again from Sydney Australia wet and

10  
00:00:51,340 --> 00:00:49,100  
raining Sydney Australia sound of rain

11  
00:00:53,049 --> 00:00:51,350  
on the roof isn't too bad though on this

12  
00:00:55,180 --> 00:00:53,059  
week's show we've got a bit of a mixed

13  
00:00:57,340 --> 00:00:55,190

bag for you a bit of a random selection

14

00:01:01,090 --> 00:00:57,350

we'll start off with a report that I

15

00:01:03,640 --> 00:01:01,100

wrote for the skeptic magazine about my

16

00:01:05,980 --> 00:01:03,650

adventures and those of dr. Reggie Joe

17

00:01:08,260 --> 00:01:05,990

Benna more answer give at the amazing

18

00:01:10,300 --> 00:01:08,270

meeting eight in Las Vegas yes we're

19

00:01:12,340 --> 00:01:10,310

still talking about it months after the

20

00:01:15,660 --> 00:01:12,350

event it was that good and that was

21

00:01:17,830 --> 00:01:15,670

recorded at Sydney skeptics in the pub

22

00:01:20,649 --> 00:01:17,840

following that we have dr. Reggie

23

00:01:23,789 --> 00:01:20,659

reports where dr. ray cheer self is

24

00:01:27,310 --> 00:01:23,799

being interviewed on Adelaide radio

25

00:01:30,039 --> 00:01:27,320

about a recent outbreak of whooping

26

00:01:32,890 --> 00:01:30,049

cough in the adelaide area very

27

00:01:35,380 --> 00:01:32,900

interesting information from dr. 'he on

28

00:01:37,060 --> 00:01:35,390

the other end of the microphone after

29

00:01:39,760 --> 00:01:37,070

that we have a report that i wrote for

30

00:01:44,050 --> 00:01:39,770

the skeptics website skeptics doc

31

00:01:46,450 --> 00:01:44,060

comdata you about the sad situation here

32

00:01:49,090 --> 00:01:46,460

in australia at least where chemist

33

00:01:53,080 --> 00:01:49,100

shops and pharmacies are continuing to

34

00:01:54,730 --> 00:01:53,090

sell magic and witchcraft and to wrap up

35

00:01:57,279 --> 00:01:54,740

the show we have an interview with our

36

00:02:01,359 --> 00:01:57,289

good friend jason brown about a very

37

00:02:04,209 --> 00:02:01,369

recent story here where a newspaper was

38

00:02:07,599 --> 00:02:04,219

more or less spruiking a holographic

39

00:02:09,910 --> 00:02:07,609

power magic band we'll find out more

40

00:02:12,700 --> 00:02:09,920

about that soon thank you to all those

41

00:02:14,470 --> 00:02:12,710

people sending in drink ideas for the

42

00:02:17,559 --> 00:02:14,480

official drink of the skeptic zone we've

43

00:02:21,190 --> 00:02:17,569

had some interesting ideas come in don't

44

00:02:22,870 --> 00:02:21,200

forget that when I say drink I don't

45

00:02:26,440 --> 00:02:22,880

mean it has to be alcoholic there are

46

00:02:29,199 --> 00:02:26,450

fabulous strings out there root beer

47

00:02:31,690 --> 00:02:29,209

hint hint that i really love which I'd

48

00:02:34,390 --> 00:02:31,700

alcoholic so any sort of drink will do

49

00:02:36,070 --> 00:02:34,400

root beer mmm that's it that's it folks

50

00:02:38,080 --> 00:02:36,080

I'm going downstairs I'm going to grab

51  
00:02:50,570 --> 00:02:38,090  
myself a nice cold root beer sit back

52  
00:02:58,790 --> 00:02:56,420  
a group of us three of us our answer

53  
00:03:01,430 --> 00:02:58,800  
give our president dr. 18 myself

54  
00:03:05,270 --> 00:03:01,440  
recently made the journey to the amazing

55  
00:03:07,850 --> 00:03:05,280  
meeting in Las Vegas and Joe I'm sorry

56  
00:03:13,550 --> 00:03:07,860  
Joe you're hiding behind the pillar she

57  
00:03:15,170 --> 00:03:13,560  
doesn't exist who I should remember Joe

58  
00:03:19,580 --> 00:03:15,180  
cause she lost her underwear the water

59  
00:03:21,560 --> 00:03:19,590  
mean by that what I mean by that is when

60  
00:03:23,420 --> 00:03:21,570  
we arrived in the cusub lip I tell you

61  
00:03:27,140 --> 00:03:23,430  
what I'll tell you I'll give you a sneak

62  
00:03:28,970 --> 00:03:27,150  
preview of the next skeptic magazine tim

63  
00:03:30,920 --> 00:03:28,980

is our editor and I don't have

64

00:03:33,290 --> 00:03:30,930

permission from him to read you this

65

00:03:35,060 --> 00:03:33,300

this is the report from the amazing

66

00:03:39,500 --> 00:03:35,070

meeting with james randi amazing meeting

67

00:03:42,310 --> 00:03:39,510

in Las Vegas here we go this report is

68

00:03:45,020 --> 00:03:42,320

entitled breakfast with james randi a

69

00:03:47,570 --> 00:03:45,030

report on yet I'll do it this way oh

70

00:03:50,810 --> 00:03:47,580

that's better a report on yet another

71

00:03:53,000 --> 00:03:50,820

truly amazing meeting since 2003 the

72

00:03:56,210 --> 00:03:53,010

James Randi Educational Foundation the

73

00:04:00,199 --> 00:03:56,220

jrf has held its annual amazing meeting

74

00:04:02,270 --> 00:04:00,209

tam now the premier skeptical skeptical

75

00:04:05,509 --> 00:04:02,280

convention in the world originally in

76

00:04:09,380 --> 00:04:05,519

fort lauderdale florida it moved to Las

77

00:04:12,110 --> 00:04:09,390

Vegas in 2004 my first tam was tam six

78

00:04:14,120 --> 00:04:12,120

in 2008 where I was honored to be

79

00:04:16,610 --> 00:04:14,130

included on the bill as a guest speaker

80

00:04:20,930 --> 00:04:16,620

I used my time on stage 2 given

81

00:04:23,240 --> 00:04:20,940

demonstration on how wardha diviners can

82

00:04:25,460 --> 00:04:23,250

be tested and that video is available

83

00:04:28,130 --> 00:04:25,470

online you can check out skeptics com

84

00:04:29,720 --> 00:04:28,140

donate you to see that this year I was

85

00:04:33,230 --> 00:04:29,730

joined on the long flight across the

86

00:04:35,659 --> 00:04:33,240

Pacific by Tam committee town Australia

87

00:04:38,480 --> 00:04:35,669

committee and skeptics own members dr.

88

00:04:41,570 --> 00:04:38,490

Rachel Dunlop Joanne better boo he

89

00:04:44,469 --> 00:04:41,580

remembered you this time and Iran secure

90

00:04:45,580 --> 00:04:44,479

memory Iran sigep where's the run sigep

91

00:04:51,580 --> 00:04:45,590

behind

92

00:04:53,590 --> 00:04:51,590

pillow as much as we were looking

93

00:04:55,780 --> 00:04:53,600

forward to the event itself and the

94

00:04:58,510 --> 00:04:55,790

wealth of prominent speakers Richard

95

00:05:00,700 --> 00:04:58,520

Dawkins Banacek Phil Plait Simon Singh

96

00:05:03,010 --> 00:05:00,710

amongst many others we were under no

97

00:05:06,430 --> 00:05:03,020

illusions about goofing off we were

98

00:05:08,530 --> 00:05:06,440

there to work and work we did our goals

99

00:05:10,960 --> 00:05:08,540

were twofold firstly to promote our own

100

00:05:13,420 --> 00:05:10,970

tam-tam australia in november this year

101

00:05:16,240 --> 00:05:13,430

which will be held one block in that

102

00:05:18,310 --> 00:05:16,250

direction the masonic center and we were

103

00:05:21,670 --> 00:05:18,320

there to sell special reserve tickets to

104

00:05:24,160 --> 00:05:21,680

international people we are also there

105

00:05:26,320 --> 00:05:24,170

together interviews for the skeptic

106

00:05:28,540 --> 00:05:26,330

magazine as edited by tim mendon and

107

00:05:31,390 --> 00:05:28,550

interviews for our own skeptics own

108

00:05:33,820 --> 00:05:31,400

podcast from time to time over the four

109

00:05:35,650 --> 00:05:33,830

days we were also ourselves interviewed

110

00:05:38,850 --> 00:05:35,660

by other people from other skeptical

111

00:05:41,170 --> 00:05:38,860

organizations and podcast but i digress

112

00:05:43,780 --> 00:05:41,180

let's pick up the adventures three

113

00:05:45,970 --> 00:05:43,790

sleep-deprived skeptics rachel joanne

114

00:05:48,250 --> 00:05:45,980

and myself iran joined us in the next

115

00:05:51,400 --> 00:05:48,260

day arrived a mid-morning at the south

116

00:05:54,130 --> 00:05:51,410

point casino in scorching hot las vegas-

117

00:05:56,290 --> 00:05:54,140

our luggage but somehow missed the

118

00:05:59,020 --> 00:05:56,300

connecting flights from los angeles oh

119

00:06:01,600 --> 00:05:59,030

well these things happen we arrived a

120

00:06:04,450 --> 00:06:01,610

few days early to unwind relax get over

121

00:06:05,920 --> 00:06:04,460

jet lag but not a hope as soon as we

122

00:06:08,380 --> 00:06:05,930

walked into the casino we were

123

00:06:10,600 --> 00:06:08,390

discovered a horde of eager delegates

124

00:06:12,070 --> 00:06:10,610

were already there we were quickly

125

00:06:14,500 --> 00:06:12,080

caught up in the excitement of

126

00:06:17,200 --> 00:06:14,510

socializing with people keen to talk to

127

00:06:19,480 --> 00:06:17,210

us about our activities in Australia but

128

00:06:21,580 --> 00:06:19,490

we three the priority was staying awake

129

00:06:24,760 --> 00:06:21,590

through the day to adjust to the time

130

00:06:27,430 --> 00:06:24,770

zone and hopefully being reunited with

131

00:06:30,040 --> 00:06:27,440

our bags with clean underwear that's why

132

00:06:32,290 --> 00:06:30,050

Joe loss her underwear you see that

133

00:06:35,260 --> 00:06:32,300

happy meeting would not happen until 1am

134

00:06:38,959 --> 00:06:35,270

the next morning bay 2 and i woke

135

00:06:41,629 --> 00:06:38,969

feeling somewhat peckish what surprised

136

00:06:43,249 --> 00:06:41,639

I wandered down the corridor to Joanne

137

00:06:46,100 --> 00:06:43,259

and Rachel's room and knocked on the

138

00:06:48,439 --> 00:06:46,110

door Joanne was up and seemed

139

00:06:53,659 --> 00:06:48,449

astoundingly bright while Rachel was

140

00:06:55,519 --> 00:06:53,669

catching up on lost sleep so Joanna I

141

00:06:58,249 --> 00:06:55,529

slipped down to the main casino floor

142

00:07:00,559 --> 00:06:58,259

where can be found no end of eating

143

00:07:02,299 --> 00:07:00,569

opportunities we entered the cafe

144

00:07:04,219 --> 00:07:02,309

looking for breakfast and was surprised

145

00:07:06,769 --> 00:07:04,229

to find none other than James Randi

146

00:07:09,199 --> 00:07:06,779

himself together with his partner Jose

147

00:07:11,659 --> 00:07:09,209

Alvarez Richard exclaimed Randy and

148

00:07:14,029 --> 00:07:11,669

greeted me with a hug he then gave

149

00:07:17,149 --> 00:07:14,039

Joanna hugged much to her amazement as

150

00:07:19,789 --> 00:07:17,159

she had never met the man and invited us

151  
00:07:22,489 --> 00:07:19,799  
both to his to share his table over the

152  
00:07:24,529 --> 00:07:22,499  
fix over the next 30 minutes we spent

153  
00:07:27,519 --> 00:07:24,539  
the time updating Randy as two events in

154  
00:07:30,199 --> 00:07:27,529  
Australia and then listening to him

155  
00:07:33,019 --> 00:07:30,209  
recall his experiences going through

156  
00:07:35,269 --> 00:07:33,029  
chemotherapy and his recovery I must say

157  
00:07:38,509 --> 00:07:35,279  
that he is looking very well indeed for

158  
00:07:41,539 --> 00:07:38,519  
a man of his age almost 82 and given his

159  
00:07:44,569 --> 00:07:41,549  
recent medical concerns presently he and

160  
00:07:47,089 --> 00:07:44,579  
Jose left left us to finish our pancakes

161  
00:07:50,540 --> 00:07:47,099  
I looked over at joann who is I think

162  
00:07:54,049 --> 00:07:50,550  
ready to burst that was amazing she

163  
00:07:55,100 --> 00:07:54,059

giggled and I had to agree maybe it was

164

00:07:57,559 --> 00:07:55,110

something to do with the underwear I

165

00:07:59,299 --> 00:07:57,569

don't know but there was one more

166

00:08:02,059 --> 00:07:59,309

surprise for us when we asked the waiter

167

00:08:04,509 --> 00:08:02,069

for our bill Oh said the waiter the

168

00:08:09,139 --> 00:08:04,519

older man who is here took care of that

169

00:08:10,999 --> 00:08:09,149

Wow Iran alive later that day meeting up

170

00:08:14,089 --> 00:08:11,009

with this after a poultry three hours

171

00:08:16,789 --> 00:08:14,099

sleep to plan out i'm at the amazing

172

00:08:19,100 --> 00:08:16,799

meeting we had amazing meeting t-shirts

173

00:08:21,289 --> 00:08:19,110

from australia copies of the skeptic and

174

00:08:23,299 --> 00:08:21,299

other information placed on our table

175

00:08:27,679 --> 00:08:23,309

just outside the main convention hall

176

00:08:29,629 --> 00:08:27,689

the plan was that one or more of us

177

00:08:31,909 --> 00:08:29,639

would always be at the table to talk to

178

00:08:33,799 --> 00:08:31,919

people celta most rally to kurt's and

179

00:08:35,899 --> 00:08:33,809

promote the australian skeptics i'm

180

00:08:38,329 --> 00:08:35,909

pleased to say this is exactly what we

181

00:08:40,129 --> 00:08:38,339

did over the next four days indeed our

182

00:08:41,929 --> 00:08:40,139

table seemed to turn into a popular

183

00:08:44,840 --> 00:08:41,939

meeting spot with friends and others

184

00:08:47,419 --> 00:08:44,850

keeping us company the next day's now

185

00:08:48,199 --> 00:08:47,429

seem to be lost in the blur of very late

186

00:08:50,419 --> 00:08:48,209

nights

187

00:08:52,689 --> 00:08:50,429

very early morning endless hours at the

188

00:08:57,829 --> 00:08:52,699

information table giving away tim tams

189

00:08:59,660 --> 00:08:57,839

Minty's Vegemite must expand going to

190

00:09:01,879 --> 00:08:59,670

parties meetings with other speakers

191

00:09:03,679 --> 00:09:01,889

attending whatever presentations we

192

00:09:06,710 --> 00:09:03,689

could gaining new and valuable

193

00:09:09,199 --> 00:09:06,720

networking channels and somehow managing

194

00:09:13,309 --> 00:09:09,209

to end up in a giant hot tub with 30 of

195

00:09:14,509 --> 00:09:13,319

our closest friends it must have been

196

00:09:17,119 --> 00:09:14,519

close afraid there were very close

197

00:09:20,150 --> 00:09:17,129

friends indeed i'll have to wait for the

198

00:09:24,049 --> 00:09:20,160

convention DVD so i can at last see the

199

00:09:26,929 --> 00:09:24,059

presentations a highlight of 10 for me

200

00:09:28,790 --> 00:09:26,939

personally was being asked by dr. Steve

201  
00:09:30,470 --> 00:09:28,800  
novella of the skeptics guide to the

202  
00:09:33,049 --> 00:09:30,480  
universe podcast to be the guest

203  
00:09:35,509 --> 00:09:33,059  
auctioneer at the dinner for their fans

204  
00:09:37,280 --> 00:09:35,519  
and supporters although I have a no

205  
00:09:39,079 --> 00:09:37,290  
experience of that sort of thing I gave

206  
00:09:41,660 --> 00:09:39,089  
it my best shot and somehow pulled it

207  
00:09:44,150 --> 00:09:41,670  
off lots of laughs lots of fun and lots

208  
00:09:46,069 --> 00:09:44,160  
of high bids to help our dear friends at

209  
00:09:47,960 --> 00:09:46,079  
the skeptics guide to the universe we

210  
00:09:52,460 --> 00:09:47,970  
look forward to seeing them soon in town

211  
00:09:54,919 --> 00:09:52,470  
Australia then came Sunday afternoon and

212  
00:09:57,439 --> 00:09:54,929  
the last official event of Tam ate a

213  
00:10:00,499 --> 00:09:57,449

demonstration not so much of a test of

214

00:10:03,019 --> 00:10:00,509

Anita I konnen I think her name is a

215

00:10:05,150 --> 00:10:03,029

young lady from Los Angeles who claimed

216

00:10:08,629 --> 00:10:05,160

to be able to detect which of five

217

00:10:12,109 --> 00:10:08,639

volunteers was missing a kidney together

218

00:10:13,850 --> 00:10:12,119

with the preamble interviews with Randy

219

00:10:16,100 --> 00:10:13,860

Alison Smith from their Randi

220

00:10:18,590 --> 00:10:16,110

Educational Foundation the event took

221

00:10:19,900 --> 00:10:18,600

about two hours which perhaps tested the

222

00:10:22,400 --> 00:10:19,910

patience of some in the audience

223

00:10:25,039 --> 00:10:22,410

nevertheless it was a good example of

224

00:10:28,160 --> 00:10:25,049

what the jrf and indeed groups like

225

00:10:30,470 --> 00:10:28,170

Australian skeptics must do in order to

226

00:10:33,350 --> 00:10:30,480

test such claims a lot of people don't

227

00:10:34,759 --> 00:10:33,360

realize how hard it is the test claims

228

00:10:37,609 --> 00:10:34,769

of the paranormal and the supernatural

229

00:10:39,230 --> 00:10:37,619

it's just not a matter of someone coming

230

00:10:42,049 --> 00:10:39,240

up and doing whatever they're supposed

231

00:10:44,119 --> 00:10:42,059

to do there are so many conditions and

232

00:10:47,269 --> 00:10:44,129

things and writing and things we have to

233

00:10:50,030 --> 00:10:47,279

agree to and the usual case is that

234

00:10:51,949 --> 00:10:50,040

people don't end up being tested because

235

00:10:53,419 --> 00:10:51,959

they can never agree to all the

236

00:10:55,939 --> 00:10:53,429

conditions and they get lost and

237

00:10:56,940 --> 00:10:55,949

confused and it is very a very difficult

238

00:11:00,780 --> 00:10:56,950

thing

239

00:11:03,660 --> 00:11:00,790

so town mate wrapped up with many happy

240

00:11:06,120 --> 00:11:03,670

delegates over 1300 heading home to all

241

00:11:09,300 --> 00:11:06,130

corners of the globe many of the talks

242

00:11:12,150 --> 00:11:09,310

at tam have resonated long after the

243

00:11:15,060 --> 00:11:12,160

convention ended Phil Plait speech on

244

00:11:18,030 --> 00:11:15,070

how to best our best to deliver the

245

00:11:21,750 --> 00:11:18,040

message of skepticism has affectionately

246

00:11:23,580 --> 00:11:21,760

been renamed don't be a dick and is

247

00:11:27,030 --> 00:11:23,590

still creating a buzz in skeptical

248

00:11:28,890 --> 00:11:27,040

circles Bruce M hood and Carol Travis

249

00:11:32,670 --> 00:11:28,900

left us thinking about the science

250

00:11:37,080 --> 00:11:32,680

behind belief and whether any of us is

251

00:11:40,350 --> 00:11:37,090

ever really free of flawed thinking try

252

00:11:43,620 --> 00:11:40,360

saying that six times Joe a few

253

00:11:45,660 --> 00:11:43,630

champagnes Monday was at long last

254

00:11:48,480 --> 00:11:45,670

chance for the Australian team to relax

255

00:11:50,700 --> 00:11:48,490

we also had time to try that one and a

256

00:11:53,040 --> 00:11:50,710

half pound of crab legs on special for

257

00:11:55,830 --> 00:11:53,050

seventeen dollars and have been raving

258

00:11:57,870 --> 00:11:55,840

about it ever since we did it but there

259

00:12:00,240 --> 00:11:57,880

was one last surprise for us that night

260

00:12:02,130 --> 00:12:00,250

Rachel and I bumped into James Randi who

261

00:12:05,250 --> 00:12:02,140

seemed to be at a loose end as the

262

00:12:07,620 --> 00:12:05,260

dinner arrangements i offered him to be

263

00:12:09,780 --> 00:12:07,630

our guest and he accepted it was another

264

00:12:13,470 --> 00:12:09,790

unforgettable meal with Randy filling us

265

00:12:15,990 --> 00:12:13,480

in about his life in skepticism and his

266

00:12:18,240 --> 00:12:16,000

adventures and Rachel and I filling in

267

00:12:20,760 --> 00:12:18,250

James Randi about our efforts against

268

00:12:22,980 --> 00:12:20,770

the anti-vaccination crowd it was a

269

00:12:25,800 --> 00:12:22,990

perfect way to round off our journey to

270

00:12:29,040 --> 00:12:25,810

Las Vegas so that report will be in the

271

00:12:31,860 --> 00:12:29,050

next issue of the skeptic magazine not

272

00:12:34,140 --> 00:12:31,870

insane I've spoiled it all if you don't

273

00:12:36,090 --> 00:12:34,150

subscribe to the skeptic magazine it is

274

00:12:38,490 --> 00:12:36,100

one of the premier skeptical journals in

275

00:12:40,140 --> 00:12:38,500

the world our editor is right here Tim

276

00:12:43,170 --> 00:12:40,150

mendham he'll be happy to chat with you

277

00:12:44,490 --> 00:12:43,180

and tell you how good it is and it is a

278

00:12:46,740 --> 00:12:44,500

great journal it's been going since

279

00:12:48,090 --> 00:12:46,750

about nineteen eighty one it's one of

280

00:12:51,270 --> 00:12:48,100

the oldest skeptical journals in the

281

00:12:53,490 --> 00:12:51,280

world tam 84 loss in Las Vegas was a

282

00:12:55,950 --> 00:12:53,500

wonderful experience for us and it's

283

00:12:59,610 --> 00:12:55,960

just waited our appetite for Australian

284

00:13:03,900 --> 00:12:59,620

town the 20 years 62 the 28 for November

285

00:13:10,000 --> 00:13:06,490

hey bro Oh paper I see you're admiring

286

00:13:12,370 --> 00:13:10,010

my new clear plus Superman no no that's

287

00:13:15,280 --> 00:13:12,380

right from skeptic bros com the all

288

00:13:18,009 --> 00:13:15,290

nuclear placebo man aha I didn't even

289

00:13:21,370 --> 00:13:18,019

ask here is awesome you have to try it I

290

00:13:24,699 --> 00:13:21,380

feel so light so free almost invisible

291

00:13:27,730 --> 00:13:24,709

wait what are you doing hmm see the

292

00:13:29,769 --> 00:13:27,740

floating hat don't freak out it's just

293

00:13:32,110 --> 00:13:29,779

me and my nuclear placebo ban get one

294

00:13:39,480 --> 00:13:32,120

from skeptic Bros calm please put your

295

00:13:47,620 --> 00:13:42,850

now it's time for dr. Rachel reports

296

00:13:49,269 --> 00:13:47,630

with dr. Rachel Dunlop well of course

297

00:13:51,250 --> 00:13:49,279

during the week a very sad story

298

00:13:53,560 --> 00:13:51,260

extremely stays sad story actually a

299

00:13:54,910 --> 00:13:53,570

five week old baby boy here in adelaide

300

00:13:57,189 --> 00:13:54,920

died of whooping cough during the

301  
00:13:58,870 --> 00:13:57,199  
weekend with always too young to be

302  
00:14:01,990 --> 00:13:58,880  
vaccinated it's a very strong warning to

303  
00:14:05,650 --> 00:14:02,000  
all parents about imaging your children

304  
00:14:07,060 --> 00:14:05,660  
so far this year for children have died

305  
00:14:09,340 --> 00:14:07,070  
from whooping cough a disease that is

306  
00:14:10,810 --> 00:14:09,350  
supposed to be preventable now many

307  
00:14:12,310 --> 00:14:10,820  
parents around the country choosing not

308  
00:14:14,350 --> 00:14:12,320  
to immunize their children for many

309  
00:14:15,759 --> 00:14:14,360  
different reasons it's still a tough

310  
00:14:18,069 --> 00:14:15,769  
choice to make for many it's hard to

311  
00:14:19,540 --> 00:14:18,079  
know what is the right thing to do well

312  
00:14:20,829 --> 00:14:19,550  
one organization that strongly believes

313  
00:14:22,360 --> 00:14:20,839

all children should be immunized of

314

00:14:24,220 --> 00:14:22,370

course is the Australian skeptics in

315

00:14:26,410 --> 00:14:24,230

joining us today from the Australian

316

00:14:29,259 --> 00:14:26,420

skeptics is dr. Rachel Dunlop Rachel

317

00:14:31,360 --> 00:14:29,269

thanks very much for your time hi Daniel

318

00:14:33,819 --> 00:14:31,370

thanks for having me this is such a sad

319

00:14:36,819 --> 00:14:33,829

story it's it I've got a young boy with

320

00:14:38,740 --> 00:14:36,829

our liver month old now and when your

321

00:14:41,470 --> 00:14:38,750

when your father or a parent you become

322

00:14:43,389 --> 00:14:41,480

so much more sensitized to these sort of

323

00:14:45,819 --> 00:14:43,399

stories and to hear about a five week

324

00:14:49,090 --> 00:14:45,829

old baby boy passing on Judah whooping

325

00:14:51,309 --> 00:14:49,100

cough is just a tragedy yeah it's

326

00:14:53,170 --> 00:14:51,319

absolutely awful thing to happen I mean

327

00:14:56,199 --> 00:14:53,180

whooping cough is a highly contagious

328

00:14:58,809 --> 00:14:56,209

disease and as you mentioned it is

329

00:15:00,790 --> 00:14:58,819

preventable by vaccination but it's

330

00:15:03,460 --> 00:15:00,800

spread by coughing and sneezing so it

331

00:15:05,350 --> 00:15:03,470

can easily be spread amongst people and

332

00:15:08,620 --> 00:15:05,360

also in children that are under the age

333

00:15:10,540 --> 00:15:08,630

of two it's a very serious disease it's

334

00:15:13,150 --> 00:15:10,550

not just a cough it's actually a very

335

00:15:15,190 --> 00:15:13,160

serious disease that can have very

336

00:15:17,080 --> 00:15:15,200

serious side effects and in

337

00:15:19,990 --> 00:15:17,090

about fifty percent of children under

338

00:15:23,440 --> 00:15:20,000

the age of two it can result in

339

00:15:25,720 --> 00:15:23,450

hospitalization and also in you know

340

00:15:28,150 --> 00:15:25,730

pneumonia some some children can

341

00:15:31,450 --> 00:15:28,160

actually fracture their ribs from

342

00:15:33,250 --> 00:15:31,460

coughing so violently they often vomit

343

00:15:35,860 --> 00:15:33,260

after they've had a serious coughing

344

00:15:38,710 --> 00:15:35,870

episode and if you've ever seen a child

345

00:15:40,870 --> 00:15:38,720

with who can come eat it's a horrible

346

00:15:42,850 --> 00:15:40,880

horrible thing to see because they

347

00:15:44,950 --> 00:15:42,860

actually are gasping for breath and they

348

00:15:47,820 --> 00:15:44,960

often turn blue just just trying to

349

00:15:50,590 --> 00:15:47,830

breathe so it's not just a bad cough so

350

00:15:52,090 --> 00:15:50,600

so you can even know a child against

351  
00:15:54,760 --> 00:15:52,100  
against whooping cough the reason i ask

352  
00:15:57,430 --> 00:15:54,770  
is because obviously my wife and i have

353  
00:15:58,780 --> 00:15:57,440  
immunized my young son Harrison we were

354  
00:16:01,390 --> 00:15:58,790  
going through all our immunization

355  
00:16:03,100 --> 00:16:01,400  
schedules actually last not that's on

356  
00:16:04,480 --> 00:16:03,110  
our fridge at home and the 12-month

357  
00:16:06,160 --> 00:16:04,490  
immunizations come out very soon of

358  
00:16:08,170 --> 00:16:06,170  
course and we could actually see

359  
00:16:11,410 --> 00:16:08,180  
whooping cough on that on that list that

360  
00:16:14,170 --> 00:16:11,420  
was distributed by our by a doctor so

361  
00:16:16,390 --> 00:16:14,180  
okay like is that involved in one of the

362  
00:16:18,400 --> 00:16:16,400  
early employed at what age would

363  
00:16:20,200 --> 00:16:18,410

immunize a Charlie and to think off well

364

00:16:21,580 --> 00:16:20,210

that what you might be getting mixed up

365

00:16:23,770 --> 00:16:21,590

with Daniel is it's actually called

366

00:16:26,260 --> 00:16:23,780

pertussis that's the actual bacteria

367

00:16:27,880 --> 00:16:26,270

that causes whooping cough yep so it's

368

00:16:29,320 --> 00:16:27,890

known commonly as whooping cough but

369

00:16:31,920 --> 00:16:29,330

it's caused by a bacteria called

370

00:16:33,910 --> 00:16:31,930

pertussis right so if you look at the

371

00:16:36,070 --> 00:16:33,920

Australian schedule it's actually

372

00:16:38,620 --> 00:16:36,080

scheduled for children at two months

373

00:16:43,090 --> 00:16:38,630

four months six months and four years

374

00:16:47,140 --> 00:16:43,100

and it's actually given with tetanus and

375

00:16:49,570 --> 00:16:47,150

also get serious so it's called dtp

376

00:16:52,180 --> 00:16:49,580

right not have seen it because it's not

377

00:16:53,590 --> 00:16:52,190

called whooping cough perfect technical

378

00:16:55,630 --> 00:16:53,600

known is the one to look forward and

379

00:16:57,850 --> 00:16:55,640

that's you know that was of alarming at

380

00:16:59,530 --> 00:16:57,860

that stage with us goodness me what are

381

00:17:01,120 --> 00:16:59,540

we doing wrong but but we obviously

382

00:17:03,070 --> 00:17:01,130

following the immunization charts very

383

00:17:06,340 --> 00:17:03,080

closely and ensuring that he's being

384

00:17:08,319 --> 00:17:06,350

done so why parents choosing not to

385

00:17:11,530 --> 00:17:08,329

immunize their children and I can't

386

00:17:13,329 --> 00:17:11,540

understand why you wouldn't why why hair

387

00:17:15,939 --> 00:17:13,339

is choosing to go the other way yeah

388

00:17:17,710 --> 00:17:15,949

that's becoming a big problem and I

389

00:17:20,890 --> 00:17:17,720

think part of the reason is that people

390

00:17:22,810 --> 00:17:20,900

have a lot of access to information on

391

00:17:25,329 --> 00:17:22,820

the Internet these days we talked about

392

00:17:26,710 --> 00:17:25,339

that yeah yeah which and sometimes the

393

00:17:29,140 --> 00:17:26,720

information you'll find on the internet

394

00:17:30,820 --> 00:17:29,150

is not right and in fact there

395

00:17:32,350 --> 00:17:30,830

if you did our search for vaccinations

396

00:17:34,030 --> 00:17:32,360

on the internet you'd find a lot of

397

00:17:36,490 --> 00:17:34,040

stuff that's that's telling parents not

398

00:17:38,860 --> 00:17:36,500

to vaccinate now unfortunately this is

399

00:17:41,320 --> 00:17:38,870

not correct a lot of it in many cases

400

00:17:42,430 --> 00:17:41,330

and so if parents do spend some time

401  
00:17:45,100 --> 00:17:42,440  
looking up things on the internet

402  
00:17:47,020 --> 00:17:45,110  
they'll come across scaremongering sort

403  
00:17:49,030 --> 00:17:47,030  
of stuff where there'll be information

404  
00:17:50,560 --> 00:17:49,040  
saying that vaccines cause autism i'm

405  
00:17:52,840 --> 00:17:50,570  
not sure if you've heard about that link

406  
00:17:55,540 --> 00:17:52,850  
but that's quite a common perhaps being

407  
00:17:58,630 --> 00:17:55,550  
that it's actually admit but it was sent

408  
00:18:01,690 --> 00:17:58,640  
around a lot based on the 1998 study by

409  
00:18:03,960 --> 00:18:01,700  
Andrew Wakefield that came out a long

410  
00:18:07,450 --> 00:18:03,970  
time ago talking about the MMR vaccine

411  
00:18:09,610 --> 00:18:07,460  
yes although parents tend to listen to

412  
00:18:11,440 --> 00:18:09,620  
celebrities and people in positions like

413  
00:18:13,720 --> 00:18:11,450

such as Jenny McCarthy who is an

414

00:18:15,180 --> 00:18:13,730

American representative for an

415

00:18:17,890 --> 00:18:15,190

organization called Generation Rescue

416

00:18:20,650 --> 00:18:17,900

now she does a lot of the talk shows

417

00:18:22,870 --> 00:18:20,660

like Oprah and big American shows saying

418

00:18:25,180 --> 00:18:22,880

that vaccines can cause autism and that

419

00:18:27,250 --> 00:18:25,190

they contain mercury and that they

420

00:18:29,980 --> 00:18:27,260

contain antifreeze and and use all these

421

00:18:32,020 --> 00:18:29,990

scary words and of course parents are if

422

00:18:34,810 --> 00:18:32,030

you've got a little child the last thing

423

00:18:36,550 --> 00:18:34,820

you want to do is make them ill like you

424

00:18:39,670 --> 00:18:36,560

know potentially giving them something

425

00:18:41,110 --> 00:18:39,680

like autism so all of though there have

426

00:18:42,610 --> 00:18:41,120

been lots of studies actually into

427

00:18:44,050 --> 00:18:42,620

looking at a link between vaccines and

428

00:18:45,880 --> 00:18:44,060

autism and there's absolutely no

429

00:18:47,620 --> 00:18:45,890

evidence that that's true but that

430

00:18:49,690 --> 00:18:47,630

information is still out there and so it

431

00:18:51,970 --> 00:18:49,700

scares parents and it's kind of like

432

00:18:54,130 --> 00:18:51,980

Daniel ringing a bell once you ring a

433

00:18:55,420 --> 00:18:54,140

bell you can't unring it and so of

434

00:18:57,850 --> 00:18:55,430

course parents are choosing not to

435

00:18:59,680 --> 00:18:57,860

vaccinate and the other thing is to some

436

00:19:02,290 --> 00:18:59,690

parents from this generation haven't

437

00:19:04,030 --> 00:19:02,300

seen these diseases you know a lot of

438

00:19:07,720 --> 00:19:04,040

diseases have been eliminated through

439

00:19:09,730 --> 00:19:07,730

vaccination for example smallpox and so

440

00:19:11,770 --> 00:19:09,740

in some senses vaccines are a victim of

441

00:19:14,560 --> 00:19:11,780

their own success because we don't see

442

00:19:16,810 --> 00:19:14,570

kids in calipers anymore in iron lungs

443

00:19:18,790 --> 00:19:16,820

we don't see you know children dying

444

00:19:20,980 --> 00:19:18,800

from communicable diseases like we did

445

00:19:24,040 --> 00:19:20,990

and so we don't seem to think it's a

446

00:19:26,230 --> 00:19:24,050

problem anymore any side effects

447

00:19:29,470 --> 00:19:26,240

whatsoever regardless of autism any side

448

00:19:31,600 --> 00:19:29,480

effects side effects to UM immunizing or

449

00:19:34,570 --> 00:19:31,610

were there are of course there are side

450

00:19:36,430 --> 00:19:34,580

effects I mean any sort of drug that any

451

00:19:39,040 --> 00:19:36,440

drug that works is going to have side

452

00:19:41,050 --> 00:19:39,050

effects and so there are adverse

453

00:19:42,520 --> 00:19:41,060

reactions to vaccines and they are

454

00:19:44,290 --> 00:19:42,530

closely monitored and

455

00:19:46,750 --> 00:19:44,300

studied by the government and and by

456

00:19:48,610 --> 00:19:46,760

scientists of course the obvious ones I

457

00:19:51,040 --> 00:19:48,620

you know you'll expect to get a sore arm

458

00:19:53,530 --> 00:19:51,050

at the site of injection I there can

459

00:19:55,900 --> 00:19:53,540

also be increased temperature yeah

460

00:19:57,550 --> 00:19:55,910

unless a result really the fact that

461

00:20:00,070 --> 00:19:57,560

your immune system is starting to work

462

00:20:02,500 --> 00:20:00,080

because obviously the way back scenes

463

00:20:05,680 --> 00:20:02,510

work is your injected with a very small

464

00:20:07,930 --> 00:20:05,690

part or component of the disease and

465

00:20:10,330 --> 00:20:07,940

then your immune system reacts to that

466

00:20:12,160 --> 00:20:10,340

so that it's built up antibodies so that

467

00:20:14,290 --> 00:20:12,170

next time you come across that disease

468

00:20:16,450 --> 00:20:14,300

in the environment you're already primed

469

00:20:17,950 --> 00:20:16,460

and ready to attack it yeah so that

470

00:20:19,510 --> 00:20:17,960

means you don't get as sick as you what

471

00:20:21,960 --> 00:20:19,520

if you didn't have those antibodies in

472

00:20:25,570 --> 00:20:21,970

your system so there are there are well

473

00:20:27,790 --> 00:20:25,580

known and well documented adverse

474

00:20:31,420 --> 00:20:27,800

reactions or side effects to vaccines

475

00:20:34,060 --> 00:20:31,430

but the amount of side effects in most

476

00:20:35,980 --> 00:20:34,070

cases are so small that it's definitely

477

00:20:38,440 --> 00:20:35,990

worth getting vaccinated because the

478

00:20:41,830 --> 00:20:38,450

side aspect from the disease is so much

479

00:20:44,200 --> 00:20:41,840

greater so I mean all in all exactly

480

00:20:47,590 --> 00:20:44,210

right all in all the the benefits of

481

00:20:49,270 --> 00:20:47,600

vaccination far our way any mild side

482

00:20:51,490 --> 00:20:49,280

effect that may may will be attributed

483

00:20:53,140 --> 00:20:51,500

to them that's absolutely right

484

00:20:55,540 --> 00:20:53,150

absolutely right i mean when we're

485

00:20:57,940 --> 00:20:55,550

talking about whooping cough it's also

486

00:21:01,120 --> 00:20:57,950

known as the hundred day caught by some

487

00:21:02,650 --> 00:21:01,130

people and that's because if you are old

488

00:21:05,290 --> 00:21:02,660

enough that you've had all your vaccines

489

00:21:06,970 --> 00:21:05,300

now you're your son probably hasn't had

490

00:21:09,760 --> 00:21:06,980

all of these shots the extra whooping

491

00:21:13,060 --> 00:21:09,770

cough as i said before you need to get

492

00:21:14,920 --> 00:21:13,070

four shots and it's not until you've had

493

00:21:18,130 --> 00:21:14,930

all of those shots that you're going to

494

00:21:20,980 --> 00:21:18,140

be fully protected so you can still get

495

00:21:24,730 --> 00:21:20,990

sick up to the age of six months with

496

00:21:26,440 --> 00:21:24,740

whooping cough so it's very important to

497

00:21:27,880 --> 00:21:26,450

remember that that you need to have all

498

00:21:30,460 --> 00:21:27,890

those shots you need to continue to get

499

00:21:33,370 --> 00:21:30,470

those shots and the risk of getting that

500

00:21:35,590 --> 00:21:33,380

disease far outweighs what you might get

501  
00:21:37,120 --> 00:21:35,600  
if it's a small sort of sore arm or a

502  
00:21:39,850 --> 00:21:37,130  
bit of a temperature for a couple of

503  
00:21:41,620 --> 00:21:39,860  
days yeah and I guess the fully

504  
00:21:43,570 --> 00:21:41,630  
immunization rates may will be leading

505  
00:21:46,180 --> 00:21:43,580  
to these so-called to the meso outbreaks

506  
00:21:50,020 --> 00:21:46,190  
we're hearing about you say yeah that's

507  
00:21:52,300 --> 00:21:50,030  
that is a theory the whooping cough

508  
00:21:54,190 --> 00:21:52,310  
epidemic that's been in Astra in South

509  
00:21:56,019 --> 00:21:54,200  
Australia just to give you some numbers

510  
00:21:58,749 --> 00:21:56,029  
I mean

511  
00:22:03,940 --> 00:21:58,759  
between january 2010 and the 15th of

512  
00:22:05,799 --> 00:22:03,950  
june this year there's been a 2277 cases

513  
00:22:07,529 --> 00:22:05,809

have been reported in SA and that

514

00:22:10,450 --> 00:22:07,539

compared with last year there was only

515

00:22:12,249 --> 00:22:10,460

1500 in the same time so there is an

516

00:22:14,469 --> 00:22:12,259

epidemic at the moment now there are

517

00:22:16,539 --> 00:22:14,479

some parts of South Australia and one of

518

00:22:17,979 --> 00:22:16,549

those areas of the Adelaide Hills and

519

00:22:20,320 --> 00:22:17,989

that's where there's quite a low level

520

00:22:22,779 --> 00:22:20,330

of vaccination we have these little

521

00:22:24,759 --> 00:22:22,789

pockets all across Australia generally

522

00:22:26,409 --> 00:22:24,769

the immunization coverage rate for the

523

00:22:29,469 --> 00:22:26,419

country is around about ninety percent

524

00:22:31,509 --> 00:22:29,479

which is pretty good considering that

525

00:22:33,399 --> 00:22:31,519

it's not compulsory to get vaccinated in

526  
00:22:34,599 --> 00:22:33,409  
Australia what why would that be a low

527  
00:22:37,269 --> 00:22:34,609  
live on the air line here is is that

528  
00:22:40,570 --> 00:22:37,279  
just what is there any particular reason

529  
00:22:42,129 --> 00:22:40,580  
for that is it like a cultural it's it's

530  
00:22:43,779 --> 00:22:42,139  
a really interesting question i mean in

531  
00:22:46,209 --> 00:22:43,789  
some cases for example there's another

532  
00:22:48,249 --> 00:22:46,219  
area in New South Wales around the bar

533  
00:22:49,869 --> 00:22:48,259  
in bay area yeah and that area is known

534  
00:22:53,169 --> 00:22:49,879  
for sort of alternative lifestyle

535  
00:22:55,539 --> 00:22:53,179  
arranged easily well I didn't say that I

536  
00:22:56,919 --> 00:22:55,549  
didn't like your I've seen I've been

537  
00:23:00,190 --> 00:22:56,929  
there and I've seen in plenty of

538  
00:23:02,049 --> 00:23:00,200

Volkswagens right well both people tend

539

00:23:03,700 --> 00:23:02,059

to sort of shun conventional medicine

540

00:23:05,829 --> 00:23:03,710

and so there's some thought that that

541

00:23:07,629 --> 00:23:05,839

might be similar reasons in the Adelaide

542

00:23:09,430 --> 00:23:07,639

Hills area that some people that are

543

00:23:11,019 --> 00:23:09,440

sort of artists up there decide that

544

00:23:14,829 --> 00:23:11,029

they don't need these sort of

545

00:23:18,099 --> 00:23:14,839

vaccinations and so the bottom of the

546

00:23:19,749 --> 00:23:18,109

list for the August 2010 quarter of the

547

00:23:21,909 --> 00:23:19,759

coverage for vaccination in Australia

548

00:23:23,649 --> 00:23:21,919

the bottom of the list came with the

549

00:23:26,769 --> 00:23:23,659

Northern Rivers region which is the

550

00:23:29,889 --> 00:23:26,779

byron bay area and and then equal bottom

551  
00:23:31,359 --> 00:23:29,899  
was east eastern sydney so one of the

552  
00:23:33,219 --> 00:23:31,369  
theories of why we're getting people

553  
00:23:36,729 --> 00:23:33,229  
that are highly educated and quite

554  
00:23:38,229 --> 00:23:36,739  
wealthy refusing to vaccinate is because

555  
00:23:40,329 --> 00:23:38,239  
they're the sort of people that get time

556  
00:23:42,759 --> 00:23:40,339  
to spend on the internet they get time

557  
00:23:45,339 --> 00:23:42,769  
to watch things like Oprah they expose

558  
00:23:47,619 --> 00:23:45,349  
the likes of jenny mccarthy and and that

559  
00:23:49,959 --> 00:23:47,629  
sort of stuff and then there's the kind

560  
00:23:51,430 --> 00:23:49,969  
of culture of the alternative lifestyles

561  
00:23:53,169 --> 00:23:51,440  
that are the people that might live in

562  
00:23:55,450 --> 00:23:53,179  
the byron bay area that decide not to

563  
00:23:57,329 --> 00:23:55,460

vaccinate as well a fascinating study

564

00:24:00,099 --> 00:23:57,339

isn't it just just just how things

565

00:24:02,709 --> 00:24:00,109

sometimes pan out like that but in

566

00:24:04,779 --> 00:24:02,719

essence as we wrap up Rachel your

567

00:24:06,339 --> 00:24:04,789

recommendation of course is vital that

568

00:24:08,399 --> 00:24:06,349

all parents should should have an

569

00:24:09,490 --> 00:24:08,409

immunization playing for their kids

570

00:24:11,170 --> 00:24:09,500

absolutely

571

00:24:13,390 --> 00:24:11,180

the other thing that is really important

572

00:24:15,760 --> 00:24:13,400

about this whooping cough epidemic

573

00:24:17,680 --> 00:24:15,770

that's currently occurring across

574

00:24:20,200 --> 00:24:17,690

Australia is a concept known as herd

575

00:24:22,770 --> 00:24:20,210

immunity now this means that children

576

00:24:24,910 --> 00:24:22,780

that are too young to be vaccinated or

577

00:24:26,650 --> 00:24:24,920

people that can't be vaccinated for

578

00:24:29,380 --> 00:24:26,660

other reasons maybe they've got an

579

00:24:31,180 --> 00:24:29,390

allergy to egg protein or they have an

580

00:24:33,970 --> 00:24:31,190

immune disorder like cancer or something

581

00:24:35,440 --> 00:24:33,980

we need to protect those people by

582

00:24:39,400 --> 00:24:35,450

having everybody else in the community

583

00:24:43,180 --> 00:24:39,410

vaccinated and so if you are a parent if

584

00:24:44,650 --> 00:24:43,190

you are a carer of young children you

585

00:24:46,180 --> 00:24:44,660

should get yourself backs matters that

586

00:24:48,100 --> 00:24:46,190

you can protect those that can't be

587

00:24:50,680 --> 00:24:48,110

vaccinated and there's a great website

588

00:24:52,240 --> 00:24:50,690

called chain of protection org which has

589

00:24:54,040 --> 00:24:52,250

been set up by the National Center for

590

00:24:56,530 --> 00:24:54,050

immunization research and surveillance

591

00:24:59,920 --> 00:24:56,540

and they explain this concept of herd

592

00:25:01,930 --> 00:24:59,930

immunity so what parents need to do is

593

00:25:03,460 --> 00:25:01,940

they need to talk to their doctor they

594

00:25:05,200 --> 00:25:03,470

need to find out if they need to get a

595

00:25:07,870 --> 00:25:05,210

booster because the whooping cough

596

00:25:10,600 --> 00:25:07,880

vaccine doesn't last forever it does

597

00:25:12,610 --> 00:25:10,610

wear off and in many cases in Maine has

598

00:25:14,410 --> 00:25:12,620

been the parent who's carrying the

599

00:25:16,630 --> 00:25:14,420

bacteria that is inspecting children

600

00:25:19,420 --> 00:25:16,640

around them and the other thing is

601  
00:25:22,150 --> 00:25:19,430  
parents need to know this there was

602  
00:25:24,400 --> 00:25:22,160  
another tragic death of a baby earlier

603  
00:25:26,470 --> 00:25:24,410  
this year last year on the northern

604  
00:25:28,030 --> 00:25:26,480  
livers and the parents didn't realize

605  
00:25:30,010 --> 00:25:28,040  
there was an epidemic of whooping cough

606  
00:25:32,140 --> 00:25:30,020  
in the area they didn't realize that

607  
00:25:33,880 --> 00:25:32,150  
they needed to get booster shots and the

608  
00:25:35,980 --> 00:25:33,890  
government has been promising for a very

609  
00:25:37,930 --> 00:25:35,990  
long time that they will do an education

610  
00:25:40,030 --> 00:25:37,940  
campaign making parents aware of that

611  
00:25:41,500 --> 00:25:40,040  
because I don't know you're a parent did

612  
00:25:43,780 --> 00:25:41,510  
you know that you should get a booster

613  
00:25:45,610 --> 00:25:43,790

shot no I didn't know was 100% aware I

614

00:25:47,770 --> 00:25:45,620

mean we you know we asked our GP

615

00:25:50,050 --> 00:25:47,780

questions all the time but in terms of

616

00:25:52,300 --> 00:25:50,060

knowing just person off the top of my

617

00:25:53,800 --> 00:25:52,310

head no I didn't yeah we'll see this is

618

00:25:55,480 --> 00:25:53,810

this is the thing that the government

619

00:25:57,190 --> 00:25:55,490

needs to get this information out to

620

00:25:58,870 --> 00:25:57,200

parents so that they can protect

621

00:26:01,420 --> 00:25:58,880

themselves so that we can protect the

622

00:26:04,180 --> 00:26:01,430

vulnerable in our community outstanding

623

00:26:06,100 --> 00:26:04,190

and very well very well set in terms of

624

00:26:07,740 --> 00:26:06,110

the the final factor about that herd

625

00:26:11,020 --> 00:26:07,750

immunity I mean if you're not going to

626  
00:26:12,280 --> 00:26:11,030  
protect not only your own child but also

627  
00:26:14,500 --> 00:26:12,290  
protect other people around you you

628  
00:26:16,780 --> 00:26:14,510  
can't actually have the vaccination so

629  
00:26:18,640 --> 00:26:16,790  
very good point yeah it's really

630  
00:26:20,110 --> 00:26:18,650  
important so if people want more

631  
00:26:21,850 --> 00:26:20,120  
information they should talk to their

632  
00:26:23,130 --> 00:26:21,860  
doctors also there's lots of very good

633  
00:26:29,100 --> 00:26:23,140  
information on

634  
00:26:32,250 --> 00:26:29,110  
the health essay website at health sawa

635  
00:26:35,190 --> 00:26:32,260  
you you can find some really easy to

636  
00:26:37,440 --> 00:26:35,200  
read brochures about whooping cough it

637  
00:26:39,530 --> 00:26:37,450  
tells you how it some how it's passed on

638  
00:26:41,430 --> 00:26:39,540

and what you can do if you're diagnosed

639

00:26:43,890 --> 00:26:41,440

there's also some very good information

640

00:26:45,960 --> 00:26:43,900

about vaccine safety and about the side

641

00:26:48,960 --> 00:26:45,970

effects we talked about before so that's

642

00:26:50,820 --> 00:26:48,970

at health fairs you and if you search

643

00:26:53,160 --> 00:26:50,830

for immunization you'll find easy to

644

00:26:54,480 --> 00:26:53,170

read information for parents terrific

645

00:26:56,550 --> 00:26:54,490

Rachel thank you so much for your time

646

00:26:58,080 --> 00:26:56,560

this afternoon and and hopefully people

647

00:27:00,690 --> 00:26:58,090

will heed that advice no question about

648

00:27:02,340 --> 00:27:00,700

that thanks very much Daniel Thank You

649

00:27:03,780 --> 00:27:02,350

Rachel there we go dr. Rachel Dunlop

650

00:27:06,750 --> 00:27:03,790

doing a great job there and explaining

651  
00:27:08,640 --> 00:27:06,760  
it in layman's terms rhesus succinctly

652  
00:27:12,030 --> 00:27:08,650  
from the Australian skeptics the

653  
00:27:14,040 --> 00:27:12,040  
importance of immunizing your child and

654  
00:27:15,540 --> 00:27:14,050  
well general are you thinking in our

655  
00:27:18,530 --> 00:27:15,550  
modern advanced society that would go

656  
00:27:21,780 --> 00:27:18,540  
without saying but there are elements of

657  
00:27:23,190 --> 00:27:21,790  
people including as Rachel pointed out a

658  
00:27:25,020 --> 00:27:23,200  
fair element here in adelaide in the

659  
00:27:27,360 --> 00:27:25,030  
lady hills area that refused to immunize

660  
00:27:30,870 --> 00:27:27,370  
their child or children due to whatever

661  
00:27:32,880 --> 00:27:30,880  
reason do to you know more of an

662  
00:27:46,210 --> 00:27:32,890  
alternative lifestyle your thoughts on

663  
00:27:50,660 --> 00:27:48,350

examining the truth in exposing the

664

00:27:52,700 --> 00:27:50,670

frauds that psychics co uk is the

665

00:27:54,800 --> 00:27:52,710

website that critically examines mediums

666

00:27:56,630 --> 00:27:54,810

clairvoyants and psychics follow the

667

00:27:58,730 --> 00:27:56,640

controversies news and discussions in

668

00:28:00,230 --> 00:27:58,740

the lively forum community and now you

669

00:28:01,910 --> 00:28:00,240

can download your weekly fix of

670

00:28:04,280 --> 00:28:01,920

righteous indignation the official

671

00:28:05,540 --> 00:28:04,290

podcast of bad psychics khodet UK that

672

00:28:08,660 --> 00:28:05,550

talks hard and critically about

673

00:28:10,030 --> 00:28:08,670

paranormal bad psychics doctor at UK the

674

00:28:23,910 --> 00:28:10,040

UK's largest and most respected

675

00:28:30,970 --> 00:28:28,630

holographic pharmacies in 21st century

676

00:28:33,640 --> 00:28:30,980

Australia one does not need to seek out

677

00:28:36,220 --> 00:28:33,650

witches in some dark coven in order to

678

00:28:39,550 --> 00:28:36,230

find magic potions and lucky charms with

679

00:28:43,960 --> 00:28:39,560

mystical powers it seems all you need do

680

00:28:46,630 --> 00:28:43,970

is ask your pharmacist for many years

681

00:28:49,570 --> 00:28:46,640

Australian skeptics have lamented the

682

00:28:51,850 --> 00:28:49,580

decline of the Australian pharmacy or

683

00:28:54,760 --> 00:28:51,860

chemist shop not to say that there are

684

00:28:57,040 --> 00:28:54,770

any fewer of these shops in quantity but

685

00:28:59,830 --> 00:28:57,050

the quality of what you'll find on offer

686

00:29:02,020 --> 00:28:59,840

on the shelves has been heading south on

687

00:29:05,710 --> 00:29:02,030

a bullet train with what seems to be a

688

00:29:08,980 --> 00:29:05,720

one-way ticket in 2006 Australian

689

00:29:11,830 --> 00:29:08,990

skeptics awarded the bent spoon prize to

690

00:29:13,900 --> 00:29:11,840

the pharmacists of Australia who managed

691

00:29:16,780 --> 00:29:13,910

to forget their scientific training long

692

00:29:18,880 --> 00:29:16,790

enough to sell quackery and snake oil in

693

00:29:22,360 --> 00:29:18,890

places where customers should expect to

694

00:29:25,840 --> 00:29:22,370

get real medical supplies and advice in

695

00:29:29,110 --> 00:29:25,850

2010 our poor spoon is bending even more

696

00:29:32,470 --> 00:29:29,120

under the weight of absurdities found in

697

00:29:34,570 --> 00:29:32,480

your once trusted local chemist the

698

00:29:37,330 --> 00:29:34,580

tired old standard stock lines of

699

00:29:40,720 --> 00:29:37,340

homeopathy or is the British Medical

700

00:29:43,540 --> 00:29:40,730

Association calls it witchcraft and ear

701  
00:29:47,200 --> 00:29:43,550  
candles or as Australian skeptics called

702  
00:29:49,630 --> 00:29:47,210  
them bloody ridiculous despite our best

703  
00:29:53,050 --> 00:29:49,640  
efforts are still to be found on the

704  
00:29:56,130 --> 00:29:53,060  
shelves of many pharmacies I have seen

705  
00:29:58,480 --> 00:29:56,140  
being sold in a pharmacy in Cronulla and

706  
00:30:01,930 --> 00:29:58,490  
acupuncture fingering that claims to

707  
00:30:05,050 --> 00:30:01,940  
cure snoring many pharmacies also boast

708  
00:30:07,810 --> 00:30:05,060  
a computerized interactive display that

709  
00:30:10,540 --> 00:30:07,820  
dispenses devious advice including which

710  
00:30:14,230 --> 00:30:10,550  
homeopathic remedy is good for treating

711  
00:30:15,730 --> 00:30:14,240  
burns I'm not making this up Kylie

712  
00:30:19,780 --> 00:30:15,740  
Sturgis happened upon one of these

713  
00:30:22,630 --> 00:30:19,790

displays in the city of Wagga Wagga but

714

00:30:25,030 --> 00:30:22,640

now in what I can think is a total

715

00:30:27,610 --> 00:30:25,040

abandonment of the last 200 years of

716

00:30:30,040 --> 00:30:27,620

science and common sense the chemist

717

00:30:32,470 --> 00:30:30,050

warehouse chain are selling one of the

718

00:30:34,630 --> 00:30:32,480

range of holographic bands they claimed

719

00:30:36,880 --> 00:30:34,640

no end of beneficial effects

720

00:30:39,760 --> 00:30:36,890

on a recent visit to the chemist

721

00:30:43,150 --> 00:30:39,770

warehouse outlet in ashfield Sydney I

722

00:30:46,510 --> 00:30:43,160

was able to buy a hot band holographic

723

00:30:49,300 --> 00:30:46,520

technology silicone wristband for forty

724

00:30:52,480 --> 00:30:49,310

dollars a look at the website of hot

725

00:30:55,960 --> 00:30:52,490

band tells us that the product may help

726  
00:30:59,380 --> 00:30:55,970  
to improve balance increased strength

727  
00:31:02,140 --> 00:30:59,390  
provide greater flexibility where have I

728  
00:31:05,140 --> 00:31:02,150  
heard those three claims before deliver

729  
00:31:08,140 --> 00:31:05,150  
better endurance and stamina improve

730  
00:31:11,050 --> 00:31:08,150  
focus and well-being restore ionic

731  
00:31:14,350 --> 00:31:11,060  
balance improve concentration reduce

732  
00:31:17,170 --> 00:31:14,360  
stress reduce jet lag curb motion

733  
00:31:20,530 --> 00:31:17,180  
sickness recover more quickly from

734  
00:31:22,650 --> 00:31:20,540  
sporting fatigue all this from a couple

735  
00:31:25,960 --> 00:31:22,660  
of holograms about the size of a

736  
00:31:29,560 --> 00:31:25,970  
five-cent piece embedded into a silicon

737  
00:31:31,660 --> 00:31:29,570  
band and it's all made in China imagine

738  
00:31:35,080 --> 00:31:31,670

how empowered the Chinese factory

739

00:31:37,510 --> 00:31:35,090

workers must be stranger still the

740

00:31:40,540 --> 00:31:37,520

advice from the assistant at the desk

741

00:31:43,090 --> 00:31:40,550

was that these bands actually work as

742

00:31:46,120 --> 00:31:43,100

claimed you have to wonder about her

743

00:31:48,730 --> 00:31:46,130

basis for saying that and how might

744

00:31:51,130 --> 00:31:48,740

these impressive achievements be

745

00:31:54,060 --> 00:31:51,140

accomplished now the website goes on to

746

00:31:56,700 --> 00:31:54,070

tell us that hot band holograms are

747

00:31:59,310 --> 00:31:56,710

programmed with naturally occurring

748

00:32:02,950 --> 00:31:59,320

frequencies known to react positively

749

00:32:07,140 --> 00:32:02,960

with the body's energy field to help

750

00:32:10,240 --> 00:32:07,150

improve cell-to-cell communication I

751  
00:32:12,280 --> 00:32:10,250  
wonder whether anyone from the

752  
00:32:15,790 --> 00:32:12,290  
management of chemist warehouse has

753  
00:32:18,450 --> 00:32:15,800  
actually read this gibberish if these

754  
00:32:21,910 --> 00:32:18,460  
Holograms with they're programmed

755  
00:32:23,710 --> 00:32:21,920  
frequencies really did work as claimed I

756  
00:32:27,700 --> 00:32:23,720  
would expect to see the following

757  
00:32:30,310 --> 00:32:27,710  
headlines in the world's press inventor

758  
00:32:33,060 --> 00:32:30,320  
of hologram bands awarded with Nobel

759  
00:32:36,610 --> 00:32:33,070  
Prize in both physics and medicine

760  
00:32:39,670 --> 00:32:36,620  
police on alert as hologram bands help

761  
00:32:43,780 --> 00:32:39,680  
drunk drivers to cheat roadside sobriety

762  
00:32:46,120 --> 00:32:43,790  
tests by improving balance hologram

763  
00:32:48,520 --> 00:32:46,130

bands proven to work hundreds of

764

00:32:52,000 --> 00:32:48,530

athletes stripped of medals and

765

00:32:54,730 --> 00:32:52,010

charged with cheating Holograms proven

766

00:32:57,100 --> 00:32:54,740

to affect human physiology credit card

767

00:32:59,710 --> 00:32:57,110

companies using Holograms sued for

768

00:33:02,830 --> 00:32:59,720

millions for not disclosing this fact to

769

00:33:04,750 --> 00:33:02,840

their customers Holograms emit strange

770

00:33:08,170 --> 00:33:04,760

energy thousands of people with

771

00:33:10,960 --> 00:33:08,180

pacemakers at risk Australian skeptics

772

00:33:13,060 --> 00:33:10,970

challenge chemist warehouse to justify

773

00:33:16,650 --> 00:33:13,070

their decision to sell the hot band and

774

00:33:19,990 --> 00:33:16,660

we offer them and the manufacture now

775

00:33:22,720 --> 00:33:20,000

\$100,000 prize for a demonstration that

776

00:33:26,050 --> 00:33:22,730

the device actually has any real effect

777

00:33:28,060 --> 00:33:26,060

on human balance and strength this offer

778

00:33:30,460 --> 00:33:28,070

also extends to all resellers and

779

00:33:33,160 --> 00:33:30,470

manufacturers of any similar wristbands

780

00:33:36,550 --> 00:33:33,170

or pendants such as power balance or

781

00:33:40,120 --> 00:33:36,560

ikan thanks to chris higgins for the

782

00:33:42,580 --> 00:33:40,130

inspiration behind this report and you

783

00:33:45,610 --> 00:33:42,590

can see the report in full plus some

784

00:33:50,680 --> 00:33:45,620

extra information and a video by

785

00:34:01,509 --> 00:33:50,690

visiting [www.optics.com.au](http://www.optics.com.au) and clicking

786

00:34:06,799 --> 00:34:04,580

this is desiree shell hosted skeptically

787

00:34:09,169 --> 00:34:06,809

speaking check out our website at

788

00:34:13,039 --> 00:34:09,179

skeptically speaking calm and listen to

789

00:34:16,819 --> 00:34:13,049

us live on CJ sr 88.5 FM in Edmonton

790

00:34:23,659 --> 00:34:16,829

Alberta Canada I now return you to the

791

00:34:25,819 --> 00:34:23,669

skeptic zone and we're speaking to you

792

00:34:27,680 --> 00:34:25,829

now from the think tank club down the

793

00:34:29,750 --> 00:34:27,690

end of the street in a private room

794

00:34:31,909 --> 00:34:29,760

which is very nice i'm with dr. Rachel

795

00:34:35,149 --> 00:34:31,919

hi dr. AG good evening Richard good

796

00:34:37,250 --> 00:34:35,159

evening we're here to interview Jason

797

00:34:39,589 --> 00:34:37,260

Brown of course because of today's

798

00:34:42,230 --> 00:34:39,599

activities today's and yes late-breaking

799

00:34:43,520 --> 00:34:42,240

news and this is all about something

800

00:34:45,049 --> 00:34:43,530

that's been happening in the last few

801  
00:34:46,789 --> 00:34:45,059  
days with the wonderful thing called

802  
00:34:48,919 --> 00:34:46,799  
what is it the mini cute link or

803  
00:34:51,049 --> 00:34:48,929  
something you linked mini you liek minis

804  
00:34:53,809 --> 00:34:51,059  
it's a miraculous device Jason can you

805  
00:34:56,389 --> 00:34:53,819  
fill us in all about this the qlink many

806  
00:34:58,819 --> 00:34:56,399  
is a miraculous little device that you

807  
00:35:01,099 --> 00:34:58,829  
stick to your mobile phone and what it

808  
00:35:03,230 --> 00:35:01,109  
does you see is it takes the the

809  
00:35:05,240 --> 00:35:03,240  
frequencies that the mobile phone is

810  
00:35:07,520 --> 00:35:05,250  
pulling in from the air and that could

811  
00:35:10,940 --> 00:35:07,530  
harm your brain and converts them into

812  
00:35:12,710 --> 00:35:10,950  
something happy and fluffy very nice for

813  
00:35:14,539 --> 00:35:12,720

your brain this is like little

814

00:35:16,370 --> 00:35:14,549

holographic stickers oh it's not

815

00:35:18,799 --> 00:35:16,380

actually hold right so it's just just a

816

00:35:20,780 --> 00:35:18,809

pretty color okay if I remember

817

00:35:24,559 --> 00:35:20,790

correctly there's one in teal and one in

818

00:35:26,780 --> 00:35:24,569

lime also there's some sort of nonsense

819

00:35:30,140 --> 00:35:26,790

marketing colors like that I'll wait my

820

00:35:32,030 --> 00:35:30,150

cynical self is showing I see so this is

821

00:35:34,549 --> 00:35:32,040

a little sticky you put on your mobile

822

00:35:36,020 --> 00:35:34,559

phone and it does wonderful things to

823

00:35:37,940 --> 00:35:36,030

prevent you being harmed by naughty

824

00:35:39,140 --> 00:35:37,950

radiation now why he has this been

825

00:35:42,680 --> 00:35:39,150

brought to our attention yesterday

826  
00:35:44,450 --> 00:35:42,690  
morning Sydney's Daily Telegraph which i

827  
00:35:48,079 --> 00:35:44,460  
believe is currently the best-selling

828  
00:35:50,000 --> 00:35:48,089  
newspaper in sydney as possibly so put

829  
00:35:53,480 --> 00:35:50,010  
out a piece talking about these cooling

830  
00:35:54,710 --> 00:35:53,490  
many things yeah brand new online it was

831  
00:35:57,049 --> 00:35:54,720  
online i think it was in the actual

832  
00:35:59,059 --> 00:35:57,059  
physical paper is right okay this is

833  
00:36:01,520 --> 00:35:59,069  
written by a jack told Steven fennec

834  
00:36:03,370 --> 00:36:01,530  
who's there technology correspondent

835  
00:36:05,230 --> 00:36:03,380  
other thing is their technology editor

836  
00:36:07,749 --> 00:36:05,240  
but he's a technology can correspond

837  
00:36:09,339 --> 00:36:07,759  
entire and so he's talking about these

838  
00:36:11,440 --> 00:36:09,349

cooling minis inserts into newly

839

00:36:15,849 --> 00:36:11,450

launched product enhance quite amazing

840

00:36:17,950 --> 00:36:15,859

astounding so these things claim to stop

841

00:36:20,200 --> 00:36:17,960

the radiation from mobile phones melting

842

00:36:22,269 --> 00:36:20,210

your brain it's very Handy's this is

843

00:36:25,089 --> 00:36:22,279

extremely happy and so he wrote a report

844

00:36:26,710 --> 00:36:25,099

which was published on least online and

845

00:36:28,120 --> 00:36:26,720

probably in the physical paper well I

846

00:36:29,829 --> 00:36:28,130

just like to pull you up on one small

847

00:36:32,349 --> 00:36:29,839

detail that Richard oh yes you said

848

00:36:34,299 --> 00:36:32,359

wrote the report oh yes a lot of it was

849

00:36:38,019 --> 00:36:34,309

in marketing speak and suspicion is that

850

00:36:39,970 --> 00:36:38,029

it was just copied friend from the key

851

00:36:41,529 --> 00:36:39,980

link manufacturers themselves often the

852

00:36:44,950 --> 00:36:41,539

press release morphine from a press

853

00:36:47,380 --> 00:36:44,960

release e ad does I've got my label the

854

00:36:49,150 --> 00:36:47,390

chap obviously I had a I had a chance to

855

00:36:50,890 --> 00:36:49,160

read this article Jason and I actually

856

00:36:54,099 --> 00:36:50,900

didn't really read it thoroughly I just

857

00:36:58,120 --> 00:36:54,109

perused it and when i came across the

858

00:37:01,210 --> 00:36:58,130

key link realigns the body's energy

859

00:37:02,559 --> 00:37:01,220

systems to chase away the naughty I mean

860

00:37:05,410 --> 00:37:02,569

it was like I believe that was in the

861

00:37:07,240 --> 00:37:05,420

second paragraph yeah yes and then I got

862

00:37:09,640 --> 00:37:07,250

to the paragraph that then said a

863

00:37:11,109 --> 00:37:09,650

naturopathic said and that's that's what

864

00:37:14,680 --> 00:37:11,119

I think I think they actually turned at

865

00:37:17,759 --> 00:37:14,690

naturopathic physician yes yes but yeah

866

00:37:20,620 --> 00:37:17,769

yeah this entire article was essentially

867

00:37:23,289 --> 00:37:20,630

spruiking this product with very little

868

00:37:24,910 --> 00:37:23,299

evidence base and I mean we've heard

869

00:37:26,319 --> 00:37:24,920

this story before on the skeptics on you

870

00:37:28,089 --> 00:37:26,329

know we've got power balance that we

871

00:37:29,799 --> 00:37:28,099

thought about on it in the ikan banjo

872

00:37:31,150 --> 00:37:29,809

all these kind of things this is

873

00:37:33,339 --> 00:37:31,160

basically power balance for your phone

874

00:37:36,819 --> 00:37:33,349

yeah no evidence whatsoever bunch of

875

00:37:40,120 --> 00:37:36,829

nonsense but it's in a national national

876

00:37:43,359 --> 00:37:40,130

newspaper from a reputable so-called

877

00:37:46,569 --> 00:37:43,369

reputable journalist but then it came to

878

00:37:49,359 --> 00:37:46,579

our attention of course it did and this

879

00:37:50,920 --> 00:37:49,369

is where the the new way of doing things

880

00:37:52,299 --> 00:37:50,930

is really starting to show itself I

881

00:37:55,180 --> 00:37:52,309

think that's right the Internet the

882

00:37:56,620 --> 00:37:55,190

internet the internet came out the

883

00:37:59,499 --> 00:37:56,630

internet detective just came straight

884

00:38:05,289 --> 00:37:59,509

idea bears made composed fifty-fifty

885

00:38:07,059 --> 00:38:05,299

bats and detectives so basically what

886

00:38:08,140 --> 00:38:07,069

I've what I've said in my own blog posts

887

00:38:09,260 --> 00:38:08,150

that have done about this and I'm sure

888

00:38:11,300 --> 00:38:09,270

Richard will link to that

889

00:38:13,430 --> 00:38:11,310

I will very kindly in the show notes and

890

00:38:16,930 --> 00:38:13,440

your blog is my colleagues are idiots

891

00:38:19,220 --> 00:38:16,940

calm thank you I'd actually said that

892

00:38:21,170 --> 00:38:19,230

when you try and pull the wool over the

893

00:38:24,470 --> 00:38:21,180

Internet sighs the internet goes a bit

894

00:38:27,650 --> 00:38:24,480

nuts so basically the whole of Twitter

895

00:38:28,760 --> 00:38:27,660

yesterday was I mean there's normally a

896

00:38:31,340 --> 00:38:28,770

little bit of a funeral about

897

00:38:33,050 --> 00:38:31,350

journalists on Twitter we do tend to

898

00:38:34,940 --> 00:38:33,060

have a bit of a go at journalists

899

00:38:36,710 --> 00:38:34,950

because we like things to be right and

900

00:38:39,680 --> 00:38:36,720

were like things to be correct it was

901  
00:38:41,720 --> 00:38:39,690  
all about Steven yesterday and and today

902  
00:38:43,700 --> 00:38:41,730  
in fact he vanished at about

903  
00:38:46,340 --> 00:38:43,710  
eleven-thirty yesterday morning after

904  
00:38:48,830 --> 00:38:46,350  
saying this product has a scientific

905  
00:38:51,140 --> 00:38:48,840  
base and that was no ass till last we've

906  
00:38:52,820 --> 00:38:51,150  
heard from ya as far as we know he could

907  
00:38:56,240 --> 00:38:52,830  
be face down in a ditch somewhere now of

908  
00:38:58,070 --> 00:38:56,250  
course i don't know if i was the first i

909  
00:39:00,800 --> 00:38:58,080  
guess i was one of the first to put a

910  
00:39:02,810 --> 00:39:00,810  
comment on the story itself and i waited

911  
00:39:06,100 --> 00:39:02,820  
for it to be moderated and published and

912  
00:39:09,650 --> 00:39:06,110  
never wise i'd i'd dropped on about

913  
00:39:12,560 --> 00:39:09,660

1130-1145 just before lunch yesterday

914

00:39:15,770 --> 00:39:12,570

hear it they never published a single

915

00:39:17,860 --> 00:39:15,780

comment on the story and today they

916

00:39:20,090 --> 00:39:17,870

closed off comments yeah so the

917

00:39:21,290 --> 00:39:20,100

territory letely closed off the comments

918

00:39:23,110 --> 00:39:21,300

and then at the end of the day today at

919

00:39:26,840 --> 00:39:23,120

about i think it was for 30 or so

920

00:39:28,520 --> 00:39:26,850

actually pulled the story completely one

921

00:39:32,180 --> 00:39:28,530

of the things you found out Jason was

922

00:39:33,680 --> 00:39:32,190

that the guy Finnick his brother has

923

00:39:35,660 --> 00:39:33,690

something to do with this product right

924

00:39:39,920 --> 00:39:35,670

I will have to admit I didn't find that

925

00:39:44,450 --> 00:39:39,930

out myself i was told that by a chap

926

00:39:46,370 --> 00:39:44,460

called donzi act down z on twitter he

927

00:39:49,220 --> 00:39:46,380

dug that up I think he got that from

928

00:39:51,530 --> 00:39:49,230

Cameron Riley on Twitter hi guys we all

929

00:39:54,110 --> 00:39:51,540

love each other hi Daddy I know down to

930

00:39:58,220 --> 00:39:54,120

his friends with Craig camber mm-hmm so

931

00:40:03,440 --> 00:39:58,230

I'm basically Steven fennec is the

932

00:40:05,930 --> 00:40:03,450

brother of Mario Fenech the rugby league

933

00:40:09,500 --> 00:40:05,940

player X rugby league player now channel

934

00:40:12,320 --> 00:40:09,510

9 Footy Show pundit says it is an

935

00:40:14,450 --> 00:40:12,330

endorser of this Q link that you might

936

00:40:15,690 --> 00:40:14,460

have noticed has a naming similarity

937

00:40:17,849 --> 00:40:15,700

with Steven fennec Mary

938

00:40:19,800 --> 00:40:17,859

fanuc Stephen fennec they sound a little

939

00:40:21,930 --> 00:40:19,810

similar though maybe but it turns out

940

00:40:26,370 --> 00:40:21,940

that Mario Fenech is Stephens Phoenix

941

00:40:28,230 --> 00:40:26,380

brother and Stephen did not reveal this

942

00:40:30,000 --> 00:40:28,240

in the article that he probably

943

00:40:32,670 --> 00:40:30,010

published yesterday fourth of November

944

00:40:34,260 --> 00:40:32,680

he also didn't reveal that in the two

945

00:40:39,630 --> 00:40:34,270

previous articles that he published in

946

00:40:41,099 --> 00:40:39,640

2004 on the cooling system and I mean

947

00:40:44,880 --> 00:40:41,109

frankly this is a bit of a breach of

948

00:40:47,579 --> 00:40:44,890

journalistic ethics section 4 I believe

949

00:40:51,420 --> 00:40:47,589

of the the Australian journalists code

950

00:40:53,300 --> 00:40:51,430

of conduct sort of says that you ought

951  
00:40:56,069 --> 00:40:53,310  
to reveal these sort of sort of

952  
00:40:59,460 --> 00:40:56,079  
conflicts of interest which is kind of

953  
00:41:01,170 --> 00:40:59,470  
interesting isn't it do you mean that

954  
00:41:02,370 --> 00:41:01,180  
there might be some professional bodies

955  
00:41:04,650 --> 00:41:02,380  
that would be interested to hear about

956  
00:41:07,589 --> 00:41:04,660  
the storages well then mine then I'm

957  
00:41:09,000 --> 00:41:07,599  
sure at some point somebody will tell

958  
00:41:11,480 --> 00:41:09,010  
these professional bodies about these

959  
00:41:15,990 --> 00:41:11,490  
things and I'm sure if you go to my blog

960  
00:41:18,300 --> 00:41:16,000  
might find out about did that you

961  
00:41:20,040 --> 00:41:18,310  
mentioned before that he the last tweet

962  
00:41:22,829 --> 00:41:20,050  
he left was that there is scientific

963  
00:41:25,740 --> 00:41:22,839

evidence to back this up indeed now you

964

00:41:28,950 --> 00:41:25,750

went yesterday he had here to treat

965

00:41:31,050 --> 00:41:28,960

yesterday one was fabulous new product

966

00:41:34,079 --> 00:41:31,060

cuts down the radiation from your cell

967

00:41:36,660 --> 00:41:34,089

phone and then he got reply from a chap

968

00:41:38,960 --> 00:41:36,670

called dds d whose full name of

969

00:41:43,760 --> 00:41:38,970

completely forgotten I'm sorry mate

970

00:41:47,250 --> 00:41:43,770

saying so this thing does it work and

971

00:41:50,670 --> 00:41:47,260

Stephen replied yes it's founded in

972

00:41:53,250 --> 00:41:50,680

science yeah and at that point the whole

973

00:41:54,900 --> 00:41:53,260

thing was just exploding on Twitter and

974

00:41:59,040 --> 00:41:54,910

he vanished Stephen just completely

975

00:42:01,380 --> 00:41:59,050

vanished hmm so I send a reply to

976

00:42:03,839 --> 00:42:01,390

Stephen saying so this thing's

977

00:42:06,390 --> 00:42:03,849

scientific I guess you'll have the

978

00:42:10,530 --> 00:42:06,400

links to the studies then and I heard

979

00:42:14,970 --> 00:42:10,540

nothing check with chick shipments

980

00:42:20,309 --> 00:42:14,980

crickets chirping and a tumbleweed went

981

00:42:21,839 --> 00:42:20,319

by tumbleweed these cover things in a

982

00:42:24,390 --> 00:42:21,849

couple of gun fires were over there

983

00:42:26,400 --> 00:42:24,400

usually time Tom another tumbleweed came

984

00:42:28,229 --> 00:42:26,410

by and I went right okay i'll check out

985

00:42:30,749 --> 00:42:28,239

the cooling website

986

00:42:32,549 --> 00:42:30,759

and cue link has a scientific study

987

00:42:38,579 --> 00:42:32,559

section on their website cooling

988

00:42:43,019 --> 00:42:38,589

Australia that's good it's like I'm

989

00:42:45,209 --> 00:42:43,029

there again come back in time I so

990

00:42:47,899 --> 00:42:45,219

they've got a scientific study section

991

00:42:51,629 --> 00:42:47,909

on our website which cites nine

992

00:42:53,549 --> 00:42:51,639

scientific studies no wow this being an

993

00:42:57,569 --> 00:42:53,559

audio only podcast you can't see my

994

00:43:01,799 --> 00:42:57,579

fingers precisely arias scientific

995

00:43:04,259 --> 00:43:01,809

studies so I'm so last night I sat down

996

00:43:05,609 --> 00:43:04,269

in my house and I went okay I'm gonna

997

00:43:08,039 --> 00:43:05,619

allocate a couple of hours to go through

998

00:43:10,679 --> 00:43:08,049

these studies and I've gone through

999

00:43:12,389 --> 00:43:10,689

scientific study before nine of them

1000

00:43:16,259 --> 00:43:12,399

this is probably gonna take me most of

1001  
00:43:19,409 --> 00:43:16,269  
the evening i thought i SAT there and I

1002  
00:43:21,179 --> 00:43:19,419  
started downloading I pulled them down

1003  
00:43:24,059 --> 00:43:21,189  
and they downloaded quite quickly i was

1004  
00:43:26,819 --> 00:43:24,069  
quite suspicious about this because

1005  
00:43:29,819 --> 00:43:26,829  
normally a scientific study cancer may

1006  
00:43:31,949 --> 00:43:29,829  
you're so on a PDF yeah yeah you got

1007  
00:43:35,339 --> 00:43:31,959  
away from download these ones just fell

1008  
00:43:38,219 --> 00:43:35,349  
into my desktop quite quickly so i

1009  
00:43:40,949 --> 00:43:38,229  
opened the first off and it was a study

1010  
00:43:43,169 --> 00:43:40,959  
I if you'll allow me I'll just pull this

1011  
00:43:44,969 --> 00:43:43,179  
whole not on my blog so I couldn't see

1012  
00:43:46,649 --> 00:43:44,979  
why did I did enjoy reading your blog

1013  
00:43:51,779 --> 00:43:46,659

actually I must say I furry buddy enjoys

1014

00:43:55,109 --> 00:43:51,789

reading my blog [www.hyken.com](http://www.hyken.com) and as one

1015

00:44:01,439 --> 00:43:55,119

of your colleagues at all why you are

1016

00:44:04,409 --> 00:44:01,449

long story so anyway the the evidence

1017

00:44:09,029 --> 00:44:04,419

goes like this the first study is a

1018

00:44:12,419 --> 00:44:09,039

study entitled SRT and sympathetic

1019

00:44:15,239 --> 00:44:12,429

resonance technology this is SRT now a

1020

00:44:17,729 --> 00:44:15,249

slight digression yeah we all know that

1021

00:44:22,019 --> 00:44:17,739

homeopathy and the like work on the

1022

00:44:24,409 --> 00:44:22,029

concept sympathetic magic they've thrown

1023

00:44:29,069 --> 00:44:24,419

in the word sympathetic right into their

1024

00:44:31,249 --> 00:44:29,079

marketing do they think that we don't

1025

00:44:34,229 --> 00:44:31,259

know what they're talking about they do

1026

00:44:35,069 --> 00:44:34,239

they do they then well then for a long

1027

00:44:36,269 --> 00:44:35,079

time now

1028

00:44:38,579 --> 00:44:36,279

people have gotten away with a lot of

1029

00:44:42,209 --> 00:44:38,589

stuff these days are coming to an end

1030

00:44:45,559 --> 00:44:42,219

sympathetic resonance technology so the

1031

00:44:48,239 --> 00:44:45,569

the first study is entitled SRT

1032

00:44:52,769 --> 00:44:48,249

sympathetic resonance technology and the

1033

00:44:54,589 --> 00:44:52,779

effects of EMF that could be a 1980s

1034

00:44:57,809 --> 00:44:54,599

banned from the UK or any

1035

00:44:59,130 --> 00:44:57,819

electromagnetic frequencies on human

1036

00:45:01,739 --> 00:44:59,140

brain cells and that was done in

1037

00:45:05,339 --> 00:45:01,749

September 2002 now this claims that it

1038

00:45:07,019 --> 00:45:05,349

was done let me see I didn't note this

1039

00:45:08,940 --> 00:45:07,029

in my blog but I mean just trying to

1040

00:45:11,039 --> 00:45:08,950

remember a university of wollongong you

1041

00:45:12,180 --> 00:45:11,049

Stanford University and one of the

1042

00:45:16,410 --> 00:45:12,190

university that I can't remember the

1043

00:45:20,279 --> 00:45:16,420

name of apparently did this it was a non

1044

00:45:24,509 --> 00:45:20,289

blinded well single blinded poorly

1045

00:45:26,339 --> 00:45:24,519

controlled very small sample study it

1046

00:45:28,769 --> 00:45:26,349

seems like someone's control just to

1047

00:45:33,390 --> 00:45:28,779

practice what you do if you wanted to do

1048

00:45:35,640 --> 00:45:33,400

a lame study basically and it was funded

1049

00:45:38,279 --> 00:45:35,650

by claris products international LLC of

1050

00:45:41,969 --> 00:45:38,289

San Rafael California did I make who

1051  
00:45:44,130 --> 00:45:41,979  
exactly who's who is that company over

1052  
00:45:49,079 --> 00:45:44,140  
that company but that company is a

1053  
00:45:51,420 --> 00:45:49,089  
government funding body right ya know

1054  
00:45:54,719 --> 00:45:51,430  
that company makes the Q and bracelet

1055  
00:45:56,130 --> 00:45:54,729  
dang know and there were more studies

1056  
00:45:57,749 --> 00:45:56,140  
but basically do they were more studies

1057  
00:45:59,999 --> 00:45:57,759  
but the studies go on and on and on

1058  
00:46:02,130 --> 00:46:00,009  
there were life blood analysis studies

1059  
00:46:04,890 --> 00:46:02,140  
and doctor ratings done an article on

1060  
00:46:07,049 --> 00:46:04,900  
like your analysis there were so you

1061  
00:46:09,269 --> 00:46:07,059  
suggesting that the studies they put up

1062  
00:46:13,559 --> 00:46:09,279  
on their website to back their their

1063  
00:46:15,599 --> 00:46:13,569

product and probably what we would call

1064

00:46:17,400 --> 00:46:15,609

proper and reputable scientific study

1065

00:46:22,739 --> 00:46:17,410

Richard let me put it in a single word

1066

00:46:26,339 --> 00:46:22,749

yeah I see mmm so yeah the the

1067

00:46:29,939 --> 00:46:26,349

studies were nine of them poorly

1068

00:46:32,789 --> 00:46:29,949

controlled poorly conducted and I mean

1069

00:46:35,039 --> 00:46:32,799

you'll love this one Richard this as you

1070

00:46:37,170 --> 00:46:35,049

are so well versed with applied

1071

00:46:39,870 --> 00:46:37,180

kinesiology the last two studies on the

1072

00:46:42,689 --> 00:46:39,880

list well conducted by chiropractors

1073

00:46:46,459 --> 00:46:42,699

using applied kinesiology as their

1074

00:46:52,799 --> 00:46:46,469

metric space having this

1075

00:46:55,410 --> 00:46:52,809

elbow palma de really really really um

1076  
00:46:57,239 --> 00:46:55,420  
yeah my daddy what are you measuring

1077  
00:47:01,380 --> 00:46:57,249  
there whether your brain damaged or

1078  
00:47:04,319 --> 00:47:01,390  
something well did I once again on way

1079  
00:47:06,539 --> 00:47:04,329  
too much you are the title of those were

1080  
00:47:09,829 --> 00:47:06,549  
effective cooling dependent on muscle

1081  
00:47:12,029 --> 00:47:09,839  
weakness patterns in the body and

1082  
00:47:13,469 --> 00:47:12,039  
effects of curing pendant on muscle

1083  
00:47:15,929 --> 00:47:13,479  
weakness and other chronic symptoms

1084  
00:47:21,089 --> 00:47:15,939  
attributed to EMF exposes so what we got

1085  
00:47:23,549 --> 00:47:21,099  
here is a mythical condition the EMF

1086  
00:47:26,989 --> 00:47:23,559  
sensitivity yeah being treated by

1087  
00:47:29,939 --> 00:47:26,999  
mythical practitioners chiropractors

1088  
00:47:34,529 --> 00:47:29,949

we're the mythical methodology applied

1089

00:47:40,799 --> 00:47:34,539

kinesiology with no blinding using a

1090

00:47:42,599 --> 00:47:40,809

mythical intervention killing and I've

1091

00:47:45,599 --> 00:47:42,609

just run out of things I think gets

1092

00:47:47,009 --> 00:47:45,609

worse it gets worse because someone

1093

00:47:48,630 --> 00:47:47,019

brought to our attention that this

1094

00:47:53,519 --> 00:47:48,640

product was mentioned on a morning

1095

00:47:58,019 --> 00:47:53,529

television program was even in the last

1096

00:48:00,150 --> 00:47:58,029

two days in at any rate we do by their

1097

00:48:02,579 --> 00:48:00,160

technology reporter now I happen to have

1098

00:48:05,609 --> 00:48:02,589

a just a little clip of the audio from

1099

00:48:07,799 --> 00:48:05,619

that which I'll play right now well now

1100

00:48:10,469 --> 00:48:07,809

to the new device that could protect you

1101

00:48:12,329 --> 00:48:10,479

from mobile phone radiation for more i'm

1102

00:48:14,099 --> 00:48:12,339

joined by today technology over charlie

1103

00:48:16,709 --> 00:48:14,109

brown good morning to you doing with now

1104

00:48:18,029 --> 00:48:16,719

this thing is called the qlink mini yeah

1105

00:48:19,919 --> 00:48:18,039

that's it what's a little five-cent

1106

00:48:23,400 --> 00:48:19,929

piece looking device it's on the back of

1107

00:48:25,259 --> 00:48:23,410

your phone and the idea around it is if

1108

00:48:26,789 --> 00:48:25,269

i just take you back over the years of

1109

00:48:29,150 --> 00:48:26,799

using mobile phones we've had devices

1110

00:48:32,459 --> 00:48:29,160

that repel and shield us from radiation

1111

00:48:33,959 --> 00:48:32,469

they are answer to ten years ago and now

1112

00:48:35,910 --> 00:48:33,969

we've got and we've got devices that

1113

00:48:38,579 --> 00:48:35,920

that take the phone away from your ears

1114

00:48:41,249 --> 00:48:38,589

such as an earpiece or USB those kinds

1115

00:48:44,910 --> 00:48:41,259

of devices speakerphone this is designed

1116

00:48:46,650 --> 00:48:44,920

to transform the the radiation that is

1117

00:48:48,660 --> 00:48:46,660

coming into the phone and that's that's

1118

00:48:50,640 --> 00:48:48,670

through the the signal the antenna on

1119

00:48:52,559 --> 00:48:50,650

the phone transform it from something

1120

00:48:54,239 --> 00:48:52,569

that's potentially doing you harm to

1121

00:48:56,130 --> 00:48:54,249

something that is more in tune with your

1122

00:48:58,799 --> 00:48:56,140

body's natural frequencies it's a very

1123

00:48:59,620 --> 00:48:58,809

scientific idea the theory is that that

1124

00:49:02,410 --> 00:48:59,630

radiation

1125

00:49:03,760 --> 00:49:02,420

you taught you spoken to a couple of

1126  
00:49:05,080 --> 00:49:03,770  
brain surgeons and they don't like

1127  
00:49:06,820 --> 00:49:05,090  
people putting the phone next to the

1128  
00:49:08,470 --> 00:49:06,830  
area though they say it could

1129  
00:49:10,210 --> 00:49:08,480  
potentially do damage Charlie Teo is

1130  
00:49:12,910 --> 00:49:10,220  
always talking about that he's a big

1131  
00:49:14,410 --> 00:49:12,920  
campaigner for that now what this is

1132  
00:49:16,180 --> 00:49:14,420  
designed to do it's not doesn't actually

1133  
00:49:17,620 --> 00:49:16,190  
repel the radiation of right way from

1134  
00:49:20,140 --> 00:49:17,630  
the phone or anything like that it

1135  
00:49:22,240 --> 00:49:20,150  
transfers it and so it's it sort of

1136  
00:49:24,220 --> 00:49:22,250  
absorbs it through the device into the

1137  
00:49:26,110 --> 00:49:24,230  
phone into your body and it's no longer

1138  
00:49:27,550 --> 00:49:26,120

doing your body harm that's the idea

1139

00:49:30,910 --> 00:49:27,560

what's it made of I don't know is

1140

00:49:32,080 --> 00:49:30,920

whether it's a proprietary compound of

1141

00:49:35,470 --> 00:49:32,090

design and I've been doing it for about

1142

00:49:36,700 --> 00:49:35,480

ten years now and they've say that I've

1143

00:49:38,740 --> 00:49:36,710

done a whole bunch of clinical

1144

00:49:40,960 --> 00:49:38,750

scientific trials and they say that it

1145

00:49:42,010 --> 00:49:40,970

is a lot better for you and the types of

1146

00:49:44,250 --> 00:49:42,020

things but we were talked about doing

1147

00:49:46,510 --> 00:49:44,260

you harm radiation isn't all about

1148

00:49:48,940 --> 00:49:46,520

potentially causing your cancer it's

1149

00:49:53,530 --> 00:49:48,950

about making your body feel more

1150

00:49:55,570 --> 00:49:53,540

lethargic or and tired and changing and

1151

00:49:57,430 --> 00:49:55,580

because it changes the the types of

1152

00:49:59,620 --> 00:49:57,440

radiation that your body is exposed to

1153

00:50:02,320 --> 00:49:59,630

naturally the jury is very much out it

1154

00:50:04,480 --> 00:50:02,330

is at least how much damage not only the

1155

00:50:07,030 --> 00:50:04,490

radiation does and and the jury's out on

1156

00:50:09,100 --> 00:50:07,040

this as well yeah well my phone I have

1157

00:50:11,710 --> 00:50:09,110

an earpiece connected I kept this thing

1158

00:50:13,750 --> 00:50:11,720

is far away from my head as possible I

1159

00:50:15,010 --> 00:50:13,760

don't care what anyone tells me after

1160

00:50:17,290 --> 00:50:15,020

talking on this thing for a couple of

1161

00:50:19,450 --> 00:50:17,300

hours which is very easy to do it gets

1162

00:50:21,220 --> 00:50:19,460

hot and starts to make my head perspire

1163

00:50:22,690 --> 00:50:21,230

so I keep it away from my head this

1164

00:50:23,980 --> 00:50:22,700

device costs about fifty bucks it's

1165

00:50:26,590 --> 00:50:23,990

saying it's working in a different way

1166

00:50:28,120 --> 00:50:26,600

but still designed to do better than

1167

00:50:30,640 --> 00:50:28,130

putting your phone next to your ear

1168

00:50:32,170 --> 00:50:30,650

clean and an unprotected is this

1169

00:50:34,510 --> 00:50:32,180

available in Australia where you buy off

1170

00:50:37,270 --> 00:50:34,520

their website okay hard questions sorry

1171

00:50:39,100 --> 00:50:37,280

would you recommend it ah I'd have to

1172

00:50:41,440 --> 00:50:39,110

try it I haven't tried it and I'm very

1173

00:50:43,780 --> 00:50:41,450

skeptical about people saying clinical

1174

00:50:46,750 --> 00:50:43,790

tests say that this is going to work

1175

00:50:48,790 --> 00:50:46,760

right but look to be honest anything is

1176  
00:50:49,810 --> 00:50:48,800  
better or on the side of course exactly

1177  
00:50:51,370 --> 00:50:49,820  
anything's better putting your phone

1178  
00:50:53,550 --> 00:50:51,380  
next to your head for a long period not

1179  
00:50:55,810 --> 00:50:53,560  
good cool thanks a lot for that Charlie

1180  
00:50:58,150 --> 00:50:55,820  
the funny thing about that though was

1181  
00:51:00,640 --> 00:50:58,160  
that Richard you noticed that two days

1182  
00:51:03,550 --> 00:51:00,650  
prior to this appearing on The Today

1183  
00:51:05,320 --> 00:51:03,560  
Show they had choice on two days ago

1184  
00:51:07,660 --> 00:51:05,330  
right they had representatives from

1185  
00:51:09,580 --> 00:51:07,670  
choice magazine the two days prior to

1186  
00:51:11,290 --> 00:51:09,590  
talk about different scams and

1187  
00:51:13,180 --> 00:51:11,300  
types and things like that and this guy

1188  
00:51:14,890 --> 00:51:13,190

is Charlie Brown this technology report

1189

00:51:16,930 --> 00:51:14,900

has been on the program in the past

1190

00:51:19,530 --> 00:51:16,940

which he has put up on his own blog

1191

00:51:21,790 --> 00:51:19,540

talking about scams and cyber scares

1192

00:51:23,080 --> 00:51:21,800

this is a different guy right this is

1193

00:51:24,880 --> 00:51:23,090

not the guy he wrote the article and

1194

00:51:27,730 --> 00:51:24,890

this is a different scientists Today

1195

00:51:30,910 --> 00:51:27,740

Show technology consultants but yeah he

1196

00:51:34,090 --> 00:51:30,920

and Aniyah whatever I'm wasting my

1197

00:51:37,000 --> 00:51:34,100

tongue brains exploding it's F blows

1198

00:51:39,400 --> 00:51:37,010

this bloke exploded but yeah it's kind

1199

00:51:42,430 --> 00:51:39,410

of I find it interesting that to

1200

00:51:44,410 --> 00:51:42,440

technology correspondents who probably

1201  
00:51:45,610 --> 00:51:44,420  
have some sort of association both

1202  
00:51:48,490 --> 00:51:45,620  
speaking the same thing at the same

1203  
00:51:51,430 --> 00:51:48,500  
time Jason thanks very much for filling

1204  
00:51:54,010 --> 00:51:51,440  
us in on this folks please go to jason's

1205  
00:51:56,230 --> 00:51:54,020  
website to find a full critique of this

1206  
00:51:59,200 --> 00:51:56,240  
whole thing including the research he's

1207  
00:52:01,270 --> 00:51:59,210  
done on the so-called tests now you two

1208  
00:52:02,590 --> 00:52:01,280  
why you've been there and I we've been

1209  
00:52:05,230 --> 00:52:02,600  
on all been chatting I just had a

1210  
00:52:06,490 --> 00:52:05,240  
message come in all right I'm going to

1211  
00:52:09,610 --> 00:52:06,500  
show I'm going to turn my computer on

1212  
00:52:11,830 --> 00:52:09,620  
i'm going to show you this do i need to

1213  
00:52:13,390 --> 00:52:11,840

get your reactive breath you have your

1214

00:52:15,580 --> 00:52:13,400

sick bags ready first i'm going to show

1215

00:52:17,890 --> 00:52:15,590

you the bottom of this page as you can

1216

00:52:19,900 --> 00:52:17,900

see here's a page selling these are

1217

00:52:24,150 --> 00:52:19,910

another form of these power balances

1218

00:52:29,470 --> 00:52:24,160

right right the company selling this is

1219

00:52:31,180 --> 00:52:29,480

yes yes yes what SBS the broadcaster

1220

00:52:35,800 --> 00:52:31,190

here in australia which we hold in high

1221

00:52:39,640 --> 00:52:35,810

regard I certainly a holographic balance

1222

00:52:41,230 --> 00:52:39,650

bracelet for sixty dollars now our

1223

00:52:43,000 --> 00:52:41,240

listeners might be in Australia

1224

00:52:46,090 --> 00:52:43,010

especially but this shows available

1225

00:52:47,980 --> 00:52:46,100

online meteor watch which is the media

1226  
00:52:50,470 --> 00:52:47,990  
watchdog here in Australia we love media

1227  
00:52:52,720 --> 00:52:50,480  
one we love me to watch media watches

1228  
00:52:56,410 --> 00:52:52,730  
ABC's the ABC be in the national

1229  
00:52:58,630 --> 00:52:56,420  
broadcaster the abc's media feedback

1230  
00:53:00,280 --> 00:52:58,640  
program you can contact media watch with

1231  
00:53:02,650 --> 00:53:00,290  
any complaint about the media that you

1232  
00:53:04,210 --> 00:53:02,660  
like and we have in fact contacted them

1233  
00:53:05,500 --> 00:53:04,220  
about the Daily Telegraph story and we

1234  
00:53:07,690 --> 00:53:05,510  
will be contacting them about the

1235  
00:53:10,870 --> 00:53:07,700  
channel nine today programme yeah worry

1236  
00:53:13,150 --> 00:53:10,880  
yeah so watch out on monday if you get

1237  
00:53:14,740 --> 00:53:13,160  
this podcast by that it might be on

1238  
00:53:16,210 --> 00:53:14,750

media ones i hope you watch we're hoping

1239

00:53:17,500 --> 00:53:16,220

they'll be a media watch well the other

1240

00:53:19,730 --> 00:53:17,510

thing is just and you're going to put

1241

00:53:21,560 --> 00:53:19,740

this video up on youtube oh that's very

1242

00:53:23,000 --> 00:53:21,570

we'll be on youtube at my channel you

1243

00:53:24,440 --> 00:53:23,010

will find that through my blog which

1244

00:53:26,240 --> 00:53:24,450

I've already mentioned now but your

1245

00:53:28,130 --> 00:53:26,250

YouTube channel is mated channel is

1246

00:53:31,970 --> 00:53:28,140

youtube.com forward slash stop that

1247

00:53:33,050 --> 00:53:31,980

astronaut I think that I'm just in

1248

00:53:36,680 --> 00:53:33,060

finishing this is a really interesting

1249

00:53:39,320 --> 00:53:36,690

exercise in the fact that people just I

1250

00:53:41,540 --> 00:53:39,330

mean first of all this guy's a

1251

00:53:44,390 --> 00:53:41,550

technology editor right or technology

1252

00:53:46,430 --> 00:53:44,400

commentator well both of them are well

1253

00:53:48,650 --> 00:53:46,440

yeah but the guy who pulled the story

1254

00:53:50,780 --> 00:53:48,660

was pulled yeah the internet doesn't

1255

00:53:53,030 --> 00:53:50,790

forget stuff he should you should know

1256

00:53:54,920 --> 00:53:53,040

no the internet is entirely composed of

1257

00:53:57,170 --> 00:53:54,930

science and detective it's being a twit

1258

00:53:59,540 --> 00:53:57,180

peaked yeah don't four have you singer

1259

00:54:01,250 --> 00:53:59,550

yeah great screengrab did and we all got

1260

00:54:03,109 --> 00:54:01,260

it and it's all being sent around I've

1261

00:54:04,609 --> 00:54:03,119

got the entire thing as an MHT file I've

1262

00:54:06,380 --> 00:54:04,619

got all the background from it I've got

1263

00:54:08,030 --> 00:54:06,390

the entire website of the cooling

1264

00:54:09,740 --> 00:54:08,040

company if they pull anything I've got

1265

00:54:11,720 --> 00:54:09,750

the whole thing yeah I Jason if people

1266

00:54:13,790 --> 00:54:11,730

want to follow you on twitter now where

1267

00:54:15,170 --> 00:54:13,800

can they go oh well if their listeners

1268

00:54:17,630 --> 00:54:15,180

to the think tank they'd already know

1269

00:54:20,150 --> 00:54:17,640

this but you can find me at twitter com

1270

00:54:23,240 --> 00:54:20,160

forward slash drunken madman that's the

1271

00:54:25,010 --> 00:54:23,250

one thank you Jason for that report it's

1272

00:54:27,560 --> 00:54:25,020

nice to see that we can actually get

1273

00:54:29,510 --> 00:54:27,570

things done the Twitter army comes into

1274

00:54:32,750 --> 00:54:29,520

action I like getting things done I love

1275

00:54:34,849 --> 00:54:32,760

it let's just make sure we know the

1276

00:54:37,940 --> 00:54:34,859

Internet's not our private army the

1277

00:54:40,720 --> 00:54:37,950

internet does its own thing yeah and you

1278

00:54:44,660 --> 00:54:40,730

know try not to annoy the internet

1279

00:55:09,089 --> 00:54:44,670

especially the cats just 18 25 and thank

1280

00:55:13,809 --> 00:55:11,620

thank you for listening to the skeptic

1281

00:55:18,160 --> 00:55:13,819

zone what a mixed bag it was this week

1282

00:55:19,749 --> 00:55:18,170

on next week's show we have you know I'm

1283

00:55:21,249 --> 00:55:19,759

not even sure we have on next week's

1284

00:55:22,809 --> 00:55:21,259

show sometimes I don't even know until

1285

00:55:25,299 --> 00:55:22,819

the day before but that's part of the

1286

00:55:27,279 --> 00:55:25,309

fun part of the magic of doing the

1287

00:55:29,890 --> 00:55:27,289

skeptics oh hey did you catch dr. Richie

1288

00:55:32,109 --> 00:55:29,900

on the latest geologic podcast if you're

1289

00:55:34,660 --> 00:55:32,119

not listening or you don't subscribe to

1290

00:55:36,880 --> 00:55:34,670

the geologic podcast by George rub i

1291

00:55:39,460 --> 00:55:36,890

recommend you dude so there's a

1292

00:55:42,670 --> 00:55:39,470

fantastic interview with dr. Reggie on

1293

00:55:45,269 --> 00:55:42,680

the last episode but until next week's

1294

00:55:47,710 --> 00:55:45,279

show which is a mystery to one and all

1295

00:55:50,349 --> 00:55:47,720

this is Richard Saunders thanking

1296

00:55:54,849 --> 00:55:50,359

everybody who donates and subscribes to

1297

00:55:56,829 --> 00:55:54,859

the skeptic zone yes it helps a lot this

1298

00:56:02,079 --> 00:55:56,839

is Richard Saunders signing off from

1299

00:56:05,910 --> 00:56:02,089

Sydney Australia you've been listening

1300

00:56:10,150 --> 00:56:05,920

to the skeptic zone visit our website at

1301

00:56:14,130 --> 00:56:10,160

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