

# Infrasonic Healing Devices



- Commercially available infrasound generator (Infrasonic QGM 4.0)
- FDA 501k therapeutic massager



1  
00:00:03,560 --> 00:00:01,730  
the manufacturers of this machine don't

2  
00:00:06,019 --> 00:00:03,570  
call it that and that the scientific

3  
00:00:07,490 --> 00:00:06,029  
director of the astute here in the

4  
00:00:10,970 --> 00:00:07,500  
United States hasn't call it that but

5  
00:00:14,509 --> 00:00:10,980  
they call it the infra tonic QGM four

6  
00:00:16,220 --> 00:00:14,519  
point oh and this is listed inside the

7  
00:00:18,200 --> 00:00:16,230  
fda's of therapeutic massager and the

8  
00:00:21,470 --> 00:00:18,210  
origins of this the development of this

9  
00:00:23,720 --> 00:00:21,480  
machine started in China with

10  
00:00:24,679 --> 00:00:23,730  
experiments I described before where

11  
00:00:28,460 --> 00:00:24,689  
they were looking at these known

12  
00:00:30,169 --> 00:00:28,470  
physical these new energies and so the

13  
00:00:32,600 --> 00:00:30,179

infrasound that was being emitted by the

14

00:00:34,430 --> 00:00:32,610

china the chinese chicken practitioners

15

00:00:36,229 --> 00:00:34,440

had a particular characteristic that

16

00:00:38,660 --> 00:00:36,239

didn't look like the normal for someone

17

00:00:42,020 --> 00:00:38,670

coming out of humans so they made a

18

00:00:44,479 --> 00:00:42,030

device that basically mimics the

19

00:00:46,940 --> 00:00:44,489

infrasonic emissions coming out of chi

20

00:00:49,910 --> 00:00:46,950

gong practitioner doing external chico

21

00:00:51,819 --> 00:00:49,920

and this device is now commercially

22

00:00:54,080 --> 00:00:51,829

available as i as a therapeutic device

23

00:00:56,270 --> 00:00:54,090

the you know the interesting thing is

24

00:00:59,779 --> 00:00:56,280

that it's has been used mainly for

25

00:01:02,840 --> 00:00:59,789

horses and exit they've actually done

26  
00:01:04,820 --> 00:01:02,850  
some research on that the equine version

27  
00:01:08,179 --> 00:01:04,830  
and the human version look quite a bit

28  
00:01:10,219 --> 00:01:08,189  
alike and they and but they are all

29  
00:01:12,710 --> 00:01:10,229  
based on the same concept and here's a

30  
00:01:15,890 --> 00:01:12,720  
transducer head would be emitting

31  
00:01:18,800 --> 00:01:15,900  
infrasound and it's used quite a bit for

32  
00:01:21,590 --> 00:01:18,810  
joints based on the work the experience

33  
00:01:23,570 --> 00:01:21,600  
with horses so let's briefly look at one

34  
00:01:26,690 --> 00:01:23,580  
of those horse studies with the standard

35  
00:01:29,030 --> 00:01:26,700  
back horses so they had some functional

36  
00:01:30,890 --> 00:01:29,040  
data and that was it horses out with

37  
00:01:32,359 --> 00:01:30,900  
doing your training it would be a lot of

38  
00:01:34,310 --> 00:01:32,369

stress the joints they would treat the

39

00:01:37,730 --> 00:01:34,320

joints to basically reduce inflammation

40

00:01:39,920 --> 00:01:37,740

and we accelerate the healing process

41

00:01:42,530 --> 00:01:39,930

and they found functionally that the

42

00:01:46,969 --> 00:01:42,540

horses could run faster and we're very

43

00:01:50,530 --> 00:01:46,979

very pleased with his results some of

44

00:01:53,990 --> 00:01:50,540

the actual experiments were focused on

45

00:01:58,170 --> 00:01:54,000

hyaluronic acid sorry about that very

46

00:01:59,910 --> 00:01:58,180

difficult name of a molecule this is

47

00:02:03,540 --> 00:01:59,920

an important component of extracellular

48

00:02:07,050 --> 00:02:03,550

matrix it's a mediator of inflammation

49

00:02:09,270 --> 00:02:07,060

and so there they've got very clean data

50

00:02:11,160 --> 00:02:09,280

working with horses showing that

51  
00:02:14,340 --> 00:02:11,170  
influence of this infrasonic generator

52  
00:02:18,780 --> 00:02:14,350  
to change levels of hyaluronic acid in

53  
00:02:21,000 --> 00:02:18,790  
the horses so and because it's important

54  
00:02:23,490 --> 00:02:21,010  
extracellular matrix component this led

55  
00:02:27,570 --> 00:02:23,500  
us to the hypothesis we want to look at

56  
00:02:29,130 --> 00:02:27,580  
this in an oncology model we came up

57  
00:02:32,160 --> 00:02:29,140  
with the idea that it would influence

58  
00:02:35,070 --> 00:02:32,170  
the membrane dynamics so we had these

59  
00:02:36,540 --> 00:02:35,080  
two hypotheses first one was that

60  
00:02:39,090 --> 00:02:36,550  
infrasound is going to increase the

61  
00:02:42,240 --> 00:02:39,100  
membrane permeability of cancer cells

62  
00:02:45,060 --> 00:02:42,250  
and that this increased permeability

63  
00:02:47,640 --> 00:02:45,070

would allow the chemotherapy to get into

64

00:02:48,930 --> 00:02:47,650

cancer cells more readily and this is

65

00:02:50,820 --> 00:02:48,940

really the definition of chemo

66

00:02:56,490 --> 00:02:50,830

sensitization and allow the chemotherapy

67

00:02:58,140 --> 00:02:56,500

to work better so my laboratory focuses

68

00:02:59,400 --> 00:02:58,150

on brain tumors so this is the model

69

00:03:03,449 --> 00:02:59,410

that we were looking at it specifically

70

00:03:06,360 --> 00:03:03,459

glioblastoma multiforme a orgy p.m. and

71

00:03:09,180 --> 00:03:06,370

so now you can see why din leading up to