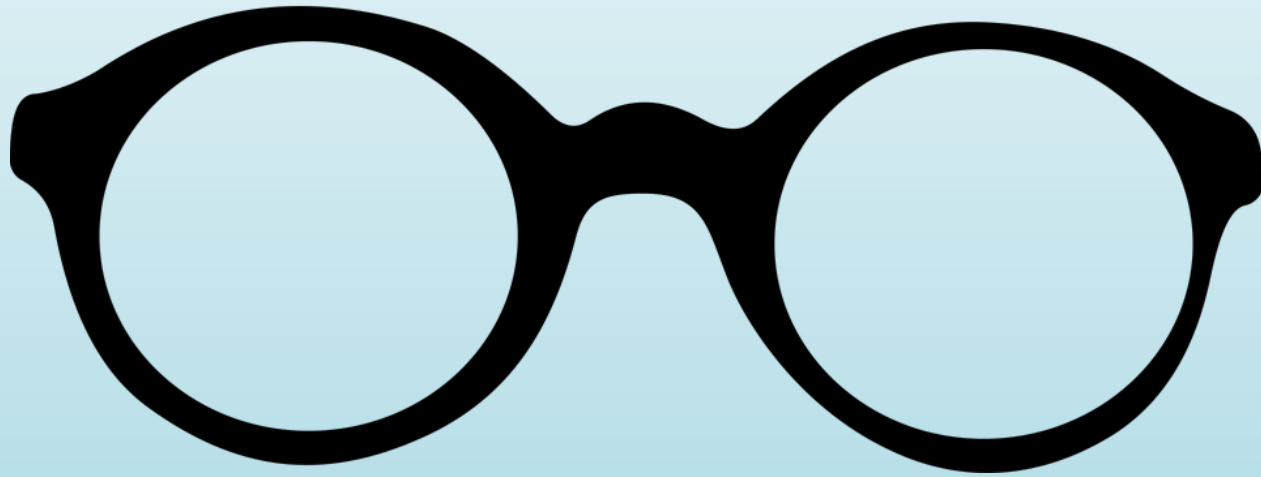


# An Observation of the ASP Gold Needles When Performing Battlefield Acupuncture (BFA)



**Gold ASP Needle**



In 2007 I began to think and question why gold ASP needles worked better than the other ASP needles for BFA? When I would ask others who used BFA if they noticed this, most said they have. I even asked Sedatelec, the company that makes the ASP needles why the gold needles worked best for BFA. They didn't know why either.

Then one day in 2010 I decided to take a closer look at the ASP needles, so I took many photos of them. For some reason that I can't explain I measured them. Not just the gold ones but the classic's and titanium ones too. To my surprise they were all different lengths, but the gold ASP needles really stood out! I measured over 100 gold ASP needles that day and they were all the same length. Then it hit that maybe this might be (one but not the only reason) why they worked the best.

# ASP, the Needle Balance



Why I do I use gold ASP (ASP stands for **A**iguille d'acupuncture **S**emi-**P**ermanente) needles on most of my patients (when using BFA). You don't tonify or reduce the points you balance the body. Some might say that gold tonifies (stainless/silver will reduces or sedates) and yes that is true. Then how dose gold balance you might be thinking?

Because the needle is not 100% pure gold. Just the outer covering of the needle is gold, under that gold lays stainless steel (an a thin layer of copper lays between the stainless steel and gold). That makes the needle balanced or simply yin and yang.

# ASP Needles in Order

ASP needles (below) in chronological when they were FDA approved

Classic (also sometimes called stainless steel/silver) **1978**



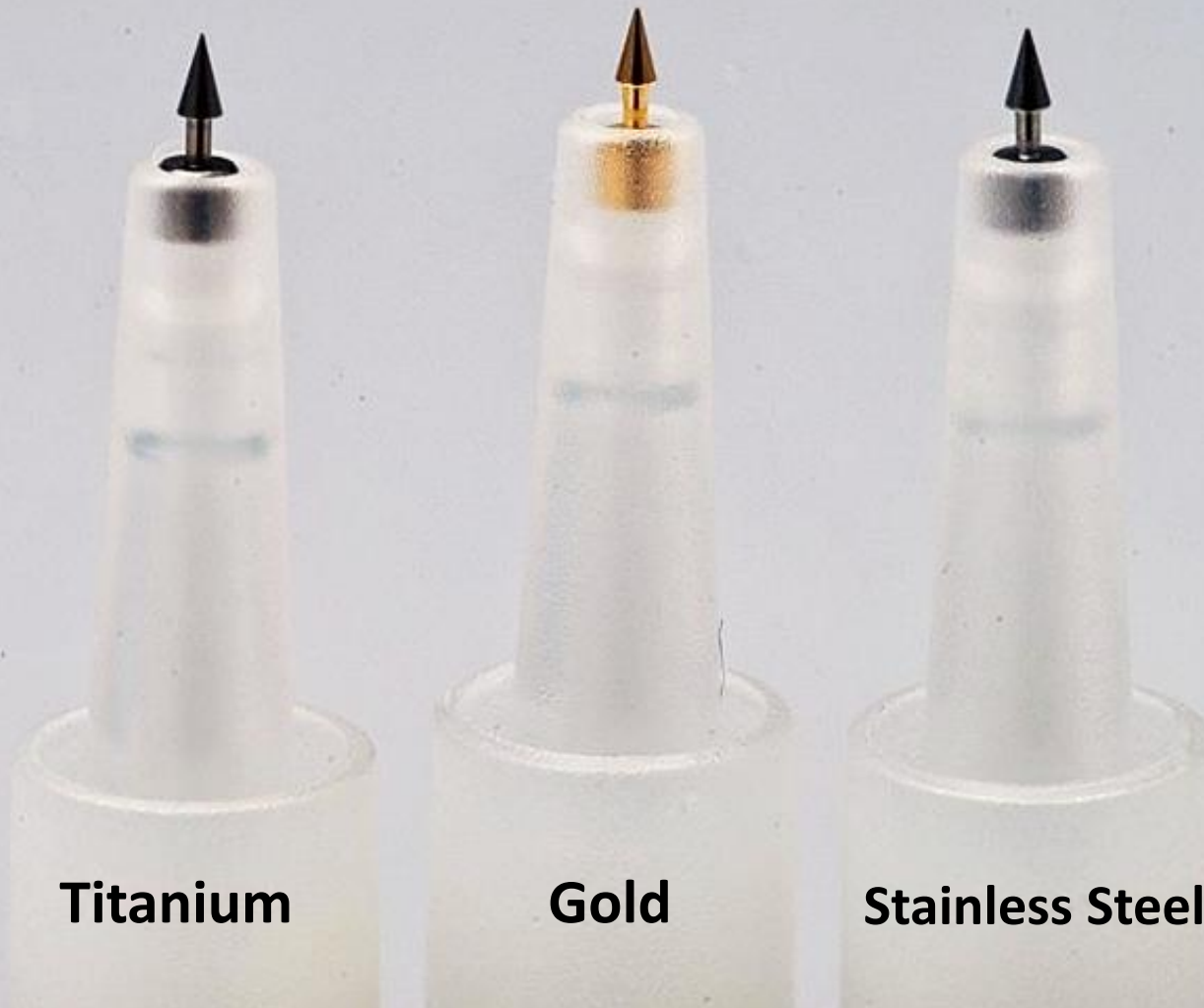
Gold **1999**



Titanium **2006**



# Three Different Types of ASP Needles

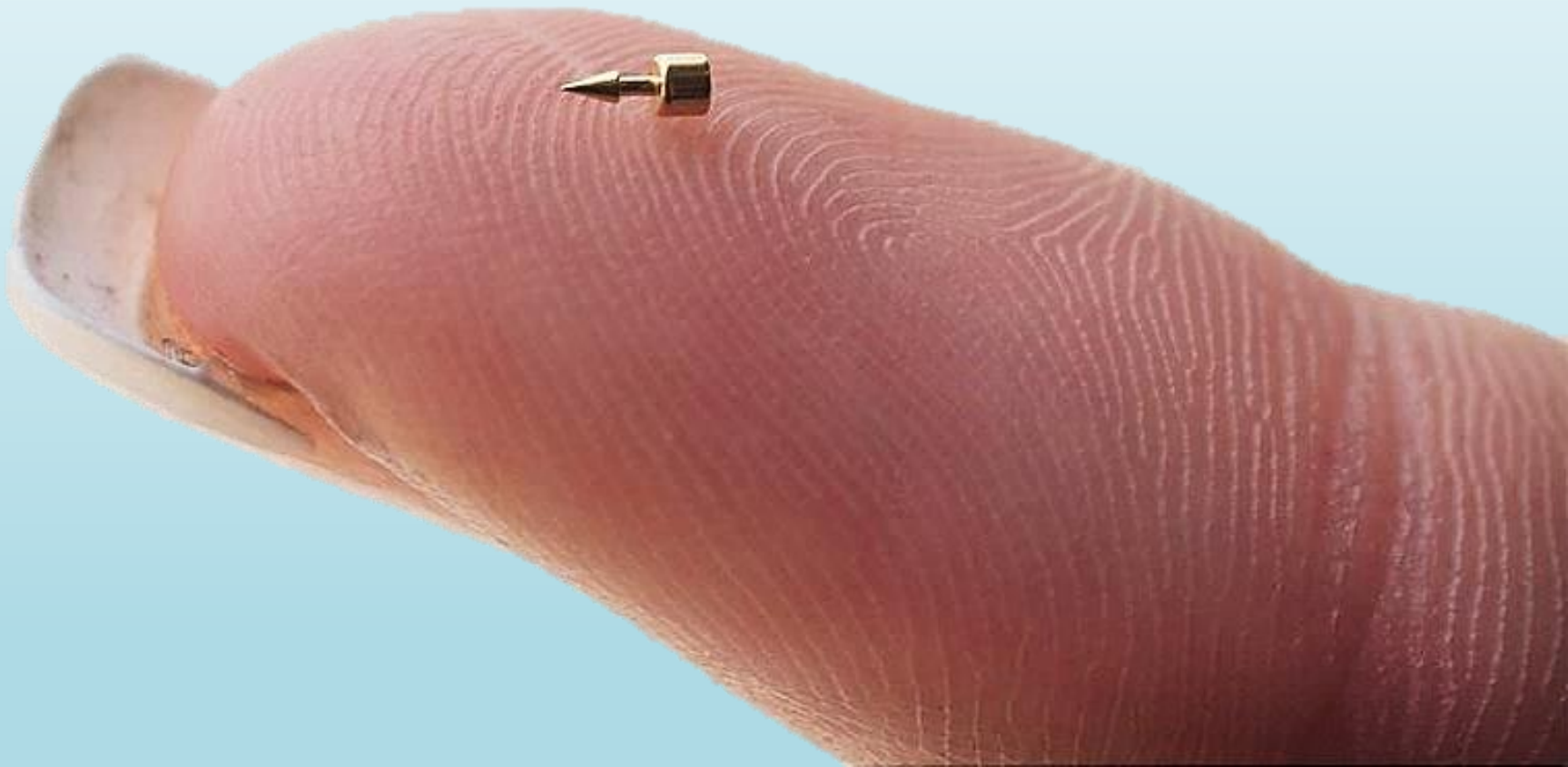


**Titanium**

**Gold**

**Stainless Steel**

# The Size of An ASP Ear Needle






Stefanie Cochet

In 2014 I met with Stefanie Cochet, the international export sales manager at Sedatelec in Lyon, France. At my meeting with her I shared with her my photos of the ASP needles I took back in 2010. She was surprised at the pictures I presented to her. At that meeting was Fabio Parola, the owner of MicroPad, the company who makes the GL+ light stimulator. Fabio is a scientist and well versed in mathematics, he too was surprised to see the results of my photos.

# Explanation of My Photos

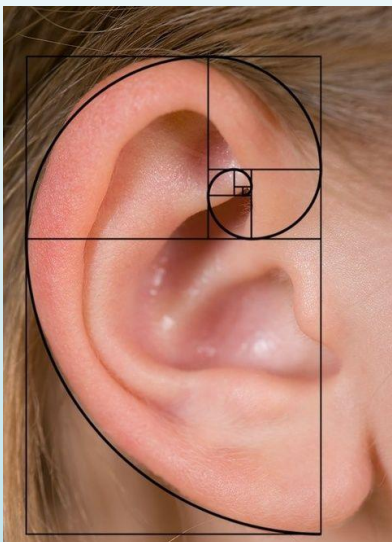
Think phi ,  $\phi$  (1.618033988749895...) the golden ratio (also called the golden mean or golden section)

Think pi  $\pi$  (3.14159265359) it's the circle's circumference to its diameter.

Think Fibonacci  1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144,...



# Explanation Continue



Fibonacci sequence in the ear

The relationship of the Fibonacci sequence to the golden ratio is this: The ratio of each successive pair of numbers in the sequence approximates Phi (1.618. . .) , as 5 divided by 3 is 1.666..., and 8 divided by 5 is 1.60.

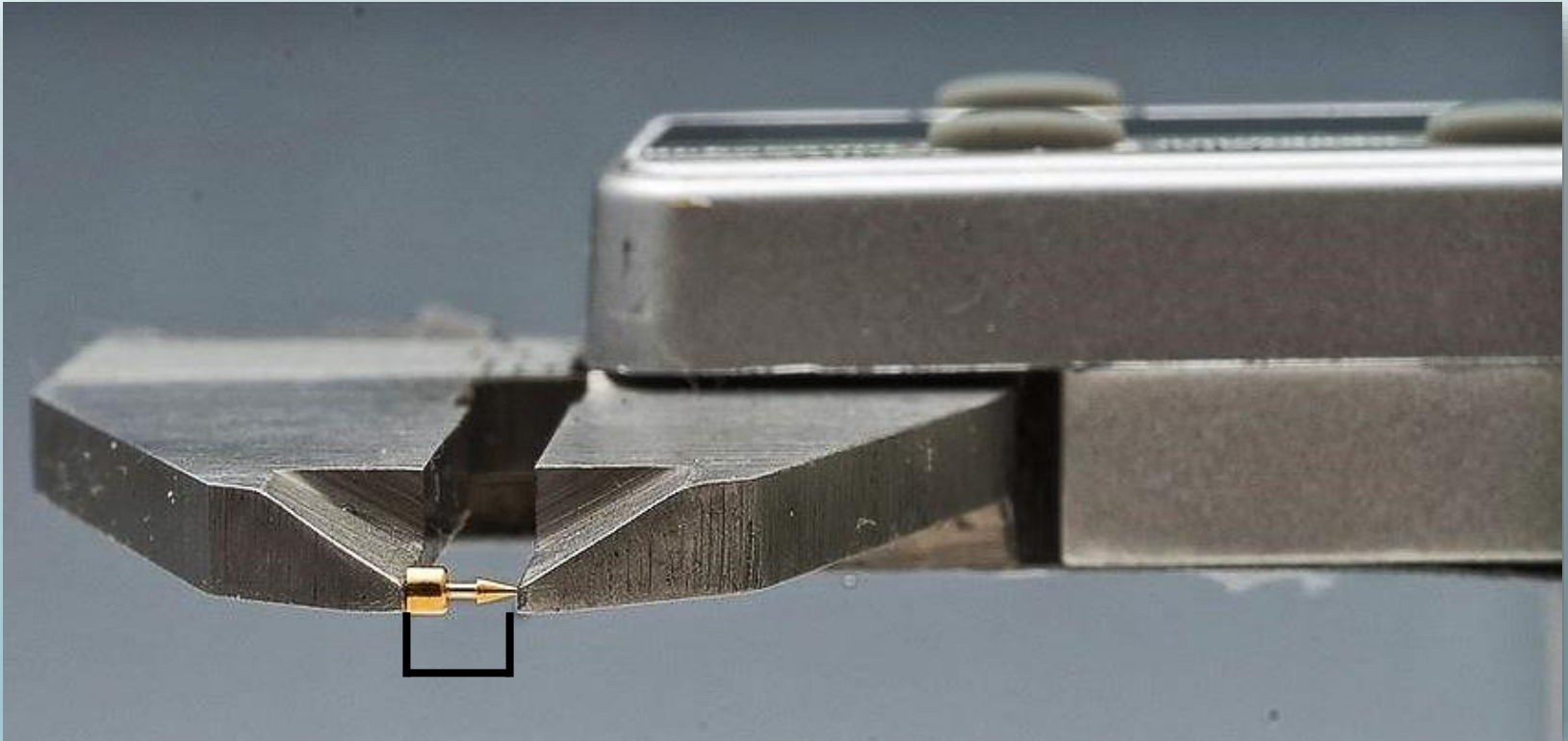
The numbers below shows how the ratios of the successive numbers in the Fibonacci sequence quickly converge on Phi. After the 40th number in the sequence, the ratio is accurate to 15 decimal places.

**1.618033988749895 . . .**

# Now For Those Photos

The next two pages are some of my photos that I took in 2010.

# Gold ASP Needle Below



Needle Size And What Does It Mean?

# Gold ASP Needles = PI, 3.14159265359

