

Title –

EINSTEIN'S WORK EXPLAINS PLACEBO EFFECT

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Abstract -

I've been doing some more thinking about the miraculous improvement in my friend Karen's (name changed for privacy) health. This improvement – a less cautious person might even call it a cure – is a real puzzle ... but a good one. The surgery she had 6 years ago, and all the chemotherapy and CT scans she's received, have obviously been absolutely essential. I saw a TV program about Professor Ted Kaptchuk's work with the placebo effect a few nights ago (his experiments with patients show that placebos have beneficial effects even when the placebo is known to be such) and am wondering if this twist in the placebo effect could be involved. In Karen's case, the placebo wouldn't be a pill or other treatment but I think it might possibly be the way she thinks. When diagnosed with a CT scan, the doctor made the seriousness of her condition very clear and said she needed emergency surgery. Karen's mind was clear at the time and she understood everything he said. But she was really calm because she had the unmistakable feeling that everything would be fine, even if treatment lasted years. This wasn't just wishful thinking on Karen's part because, in her late 40s, she had the same feeling over and over telling her that her 50s would be an extremely difficult time for her health (Karen never mentioned this to anyone before because she had enough problems without being labelled a crazy woman who believes in ESP and precognition). But I think the Theory of Everything and Einstein's Unified Field provide a rational explanation (both of her drastic improvement and supposed precognition) if they aren't limited to mathematics but embrace all reality, and unify everything in space and time (including Karen's beautiful, unconventional mind) into one thing.

Content –

Are you familiar with Prof. Kaptchuk's work? Here's a paragraph from the article I found online – "Placebo effect works even if patients know they're getting a sham drug" (<http://www.theguardian.com/science/2010/dec/22/placebo-effect-patients-sham-drug>) – which reports on his Dec. 22, 2010 paper in the science journal PLoS One:

"To investigate the limits of placebo, Prof Ted Kaptchuk of Harvard Medical School's Osher Research Center divided 80 patients suffering from irritable bowel syndrome (IBS) into two groups: one received no treatment and the other was given dummy pills to take twice a day. The second group was told by the doctors that they would be taking "placebo pills made of an inert substance, like sugar pills, that have been shown in clinical studies to produce significant improvement in IBS-symptoms through mind-body self-healing processes".

"Not only did we make it absolutely clear that these pills had no active ingredient and were made from inert substances, but we actually had 'placebo' printed on

the bottle," said Kaptchuk. "We told the patients that they didn't have to even believe in the placebo effect. Just take the pills."

The results, published in the scientific journal PLoS ONE, showed that the placebo pills were more effective at relieving symptoms compared with doing nothing at all."

Lastly, here's a paragraph (assembled, and condensed, from parts of my 57 previous short articles at http://vixra.org/author/rodney_bartlett) that offers a few thoughts about **how placebos might work (and not just for IBS)**.

1) Remember that Einstein said $E=mc^2$ (energy and matter can be converted into each other, and are related to the speed of light). So the energy of thoughts and feelings can affect physical matter plus all forms of energy if thoughts, energy and matter are all parts of Einstein's Unified Field*.

2) Also, remember that quantum physics says particles of matter can behave as waves of energy, and that waves of energy can behave like particles of matter. This also suggests thoughts and feelings can affect physical matter plus all forms of energy.

3) I believe immaterial gravity is the foundation of the whole universe. I think light and every type of energy is a modification of gravity; that gravity produces all the other fundamental forces (electromagnetism like light and X-rays etc., strong nuclear force, weak nuclear force); and that all particles of matter are composed of "wave packets" where G (gravitation) and EM (electromagnetism) mix to produce what we call mass (this implies the Higgs field is actually the G-EM field). This also suggests the immaterial energy of thoughts and feelings can affect physical matter plus all forms of energy.

4) Finally, realize that the emerging TOE or Theory of Everything (the modern version of Einstein's UFT or Unified Field Theory) unifies all things into one thing - the TOE/UFT therefore exists in physical reality, not merely as mathematics. Then, immaterial thoughts and feelings can affect material matter as well as other energy forms anywhere on Earth, anywhere in space, and anywhen in time.

* In the 19th century, Scottish mathematician and physicist James Clerk Maxwell unified electricity and magnetism into electromagnetism - [A Treatise on Electricity and Magnetism](#) by James Clerk Maxwell – Oxford: Clarendon Press (1873).

Albert Einstein's equations say that in a universe possessing only gravitation and electromagnetism, the gravitational fields carry enough information about electromagnetism to allow the equations of Maxwell to be restated in terms of these gravitational fields. This was discovered by the mathematical physicist George Yuri Rainich (1886 -1968) - [Transactions of the American Mathematical Society 27, 106 - Rainich, G. Y. \(1925\)](#). England's Professor Penrose has argued that the gravitational fields, if known everywhere but only for a limited time, do not contain enough information about their electromagnetism to allow the future to be

determined, so Einstein's unified theory fails - Mathematical Physics 3, 566 - Newman, E. T., Penrose, R. J. (1962)

Let's slightly adapt a 1919 paper by Einstein - "Do Gravitational Fields Play An Essential Part In The Structure Of The Elementary Particles Of Matter?" by A. Einstein - submission to the Prussian Academy of Sciences (1919) - to conclude gravitation actually forms particles of matter. If he was also correct about gravitation being the warping of space-time, it is logical that both gravitation and the warping of space-time that produces gravity would form elementary particles, their masses and the forces (nuclear and electromagnetic) associated with those particles. Therefore, time is unified with the gravitational field, which produces electricity and magnetism (the electromagnetic field – see *Why Is Gravity Weak?* and *Digital String Theory* in "Clarifying Previous Points Regarding Dark Matter" - <http://vixra.org/abs/1408.0213> - for a proposed explanation) If time is unified with the gravitational and electromagnetic fields, the gravitational fields are not known for only a limited time but do contain enough information and Einstein succeeded, just as John Wheeler and Charles Misner claimed - "Geometrodynamics" or "Classical physics as geometry" by Charles W. Misner/J. A. Wheeler – Annals of Physics 2, 525 (1957)

This overcomes the 50-year-old objection to Einstein's Unified Field which was put forth by Penrose.

I know it looks like I'm trying to explain everything that is, was, or ever will be in a few paragraphs. But it's really a super condensed version of the things I've been posting on vixra.org for nearly 3 years (and wondering about since the 1970's – 40 years ago). Anyway, I don't think it hurts to think "big". When we've got a big puzzle to solve, thinking big might be just what's needed.