

Relevance of various studies

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Since the time of the clinical trials which utilized the IM to treat Hepatitis C, an effective, albeit costly, cure has been discovered for that affliction. Therefore, one might suggest that those trials and the associated findings have no present-day relevance; however, such is not the case. Specifically, these studies suggest an efficacy for UBI in general and the IM in specific, which could well apply to other afflictions. Some of the relevant logic is set forth below.

Since the time of Finsen's work referenced above, theories have been developed to the effect that UV light, administered in different ways, could have a curative effect by way of eradicating harmful viruses and bacterial infections. Below is a table listing some afflictions where the IM (or similar device) has been successfully tested as a treatment. Certain characteristics of each affliction are also noted. In assessing the various cases/afflictions discussed in this report, there could have been more than one relevant issue at a given time which impacted the situation. By way of example only, with the case of Crohn's Disease discussed in the statistical analysis presented, it was theorized that Mycobacterium avium subspecies paratuberculosis (MAP) (which is a bacterium) was present and bore a causal connection to the disease. So, an aspect of the protocol was to give anti-biotics as an adjunct to the UBI therapy. Tests show that with current antibiotics only a small percentage of patients will achieve a long-term remission; however, the theory was that the anti-biotics could, nevertheless, assist with the treatment. With the various things going on simultaneously, it is interesting to look for common features concerning the treatments and/or diseases. The Table below sets forth certain of the afflictions treated as well as a characteristic of these afflictions.

Treated Affliction	RNA Virus	Comments
West Nile Virus	Yes	Single Stranded RNA virus
Influenza (resembling H1N1)	Yes	Single Stranded RNA virus
Bovine Corona Virus	Yes	Single Stranded RNA virus
Hepatitis C	Yes	Single Stranded RNA virus
Crohn's Disease	See comment	A recent study reveals that all tested children who had CD had a commonly occurring virus - an enterovirus, which is a single stranded RNA virus.*

Below are various afflictions listed by Miley & Christensen (collectively, Miley) and/or Knott as showing successful outcomes when treated with UBI.

Pneumonia - single stranded RNA viruses. Effective treatments reported by Miley and Christensen (Miley). Specifically, 10 cases treated. All ten recovered.

Polio— single stranded RNA virus. In fact, Miley reported 7 cases of polio which were treated, all of the Bulbo spinal type. While we do not currently have statistics concerning the rate of spontaneous remission, our information is that the percentage was quite low. Of the 7 patients reported by Miley, 6 recovered and 1 died.

Mumps —single stranded RNA virus.

* Source of stated information: *Clinical and Translational Gastroenterology*, 2013 June 4(6): e38. Published online 2013 June 27. See <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3696939/>

The above indicates something of a trend. It is not set forth as proof of any theory. However, it would suggest that single stranded RNA viruses would be interesting to investigate in terms of the impact of treating them with the IM.

Some such diseases include the following:

Borna Disease

Ebola

Rabies

Measles

Henipavirus

Human orthopneumovirus, formerly Human respiratory syncytial virus (HRSV)

While actual effectiveness is not known, the above afflictions would seem to fall within a group that might lend itself to successful treatment using the IM.