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Protecting patients with chronic diseases and/or psychological disorders from COVID-19

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Abstract

The Coronavirus Pandemic is a difficult topic for the parents to explain to any child. Parents are faced with the challenge of discussing the evolving coronavirus outbreak with young children. Although these may be difficult conversations, they are also important. The class will talk about how talk about this topic, help to find the right words to talk with the children and also teens about coronavirus , help children of all ages can understand the basic information about what the coronavirus is and why it is currently such an important topic. When talking to children about Coronavirus it is important for parents to use developmentally-appropriate explanations tailored to the child's age, verbal ability, and cognitive understanding. When the child has Autism Spectrum Disorder, many of these children process information in a concrete manner, prefer established routines, and need support to understand and interpret emotions. I will talk about how to help children and adolescents with ASD during this period. The other concern point is the notification of your child's school closing. Children thrive on the routine and also predictability, both of which are in short supply right now for families. Despite the uncertainty, you still can try to foster an environment that includes as much routine and predictability as possible. And finally, I will talk about the outbreak of COVID-19 that may be stressful for people. Fear and also anxiety about a disease can be overwhelming and can cause the strong emotions in adults and children.

Biography:

The author received an honorary PhD in mathematics and majored in engineering at MIT. He attended different universities over the 17 years and studied seven academic disciplines. Furthermore, he self-studied and research three disciplines, internal medicine, food nutrition, and psychology. He has spent ~30,000 hours in endocrinology research, especially diabetes. First, he studied six metabolic diseases and food nutrition during 2010 to 2013, then he conducted his own diabetes research during 2014 to 2019. His approach is "quantitative and precision medicine" based on mathematics, physics, optical and electronics physics, engineering modeling, wave theory, energy theory, signal processing, computer science, big data analytics, statistics, machine learning, and artificial intelligence.

Speaker Publications:

1.Hsu, Gerald C. (2018). Using Math-Physical Medicine to Control the T2D via Metabolism Monitoring and Glucose Predictions. Journal of Endocrinology and Diabetes, 1(1), 1-6.

2.Hsu, Gerald C. (2018). Using Signal Processing Techniques to Predict the PPG for T2D. International Journal of Diabetes & Metabolic Disorders, 3(2),1-3.

3.Hsu, Gerald C. (2018). Using Math-Physical Medicine and also Artificial Intelligence Technology to Manage Lifestyle and Control Metabolic Conditions of T2D. International Journal of Diabetes & Its Complications, 2(3),1-7.

29th International Conference on Psychology Health, Human Resilience and Well-being; Amsterdam, Netherlands- May 04-05, 2020 | Webinar.

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