

PKT Diet Prescription Calculator

Senior Project

Fall 2021

I. Overview

- A. Team
 - 1. Leader – Dylan Booth
 - 2. Clinical Consultant – Kaitlyn Taylor
 - 3. Computer Science Consultant – Tyler Mueller
- B. Need for PKT Diet Prescription Calculator – PKT must use the same chemicals to meet all nutritional needs of the person and to treat seizures. No other treatment requires such a complex prescription.
- C. Long-term Goals – Calculate the nutrients/metabolites needed to meet nutritional requirements of each person receiving PKT and the nutrients/metabolites needed to treat the seizures being experienced by the patient.
- D. Fall 2021 Goals – Create a PKT Diet Prescription Calculator in HiPerGator that that can be used clinically to prepare a PKT Diet Prescription for a particular person at a particular time.

II. Plan and Progress

- A.