P143 (continued)

Results: A year after OAANP’s low-sodium policy, average sodium intake was statistically significantly reduced (p<.001), 2329.7±177; 1021.9 mg and 1959.7±177; 1026.2 at pre- and post-survey respectively. Also, the proportion of older adults consuming ≥2,300 mg sodium was also significantly reduced (p=.002). At baseline, 97.5% participants took anti-hypertensive medication and about 40% participants still had uncontrolled blood pressure (≥150/90). A majority of participants (82.9%) were overweight or obese. Respectively, 68.4 and 65.4% ate less than 3-4 servings of vegetables and 2-3 servings of fruit. As expected, these key hypertension risk factors haven’t been changed at post survey. Also, average blood pressure tended to increase at post-survey, although it was not statistically significant (p=.06).

Conclusions and Implications: Utilizing a congregate meal program to reduce sodium intake for older adults is an effective strategy. To address hypertension related risk factors, however, further multifaceted intervention strategies are necessary.

Funding: None

P144 The Impact of a Gleaning Program on Vegetable Intake in Low-Income Seniors
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Objective: The purpose of this project was to determine if a gleaning program improved vegetable intake in low-income seniors receiving food from The Emergency Food Assistance Program (TEFAP).

Study Design, Setting, Participants: Low-income individuals have difficulty accessing healthy foods for a variety of reasons, including access and cost. To increase access, fresh produce gleaned from growers at a farmers market was dispensed with the monthly TEFAP distribution at 5 sites in Ottawa County, Michigan. Seniors receiving TEFAP foods were allowed to make selections from the produce and were asked to complete a survey on their vegetable intake before and after this new gleaning program.

Outcome Measures and Analysis: Descriptive statistics were used to describe seniors participating in TEFAP at the 5 study sites. One-sample t-test was used to evaluate change in vegetable intake.

Results: The thirty-six clients who completed the pre-survey in June and the post survey in September were mainly Caucasian females who lived alone with a mean age of 70.5 years. Only half of those surveyed participated in Supplemental Nutrition Assistance Program (SNAP) and fewer participated in other available food assistance programs. The mean monthly intake of vegetables significantly increased from 11 to 22 servings per month (<0.0001).

Conclusions and Implications: This study indicates the gleaning program was successful because it significantly increased the intake of vegetables among low-income seniors. Unfortunately, these clients were not utilizing all of the available food assistance programs to improve access to healthy foods. Additional education on SNAP and other food assistance programs is indicated to assist with cost, access and intake of fruits and vegetables.

Funding: None

P145 The Snack Zone: Development of a Community-Based Snacking Program for Individuals with Autism
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Objective: To describe an effective community-based snacking program for adults with autism and other developmental disabilities and elucidate the rationale behind the design and implementation.

Theory, Prior Research, Rationale: At present there is no formal definition of what constitutes appropriate snacking behavior including the appropriate number of calories. This presentation makes the case for snacking through choice of unlimited nutrient dense foods accompanied by limited amounts of energy dense toppings. Total energy consumption in “The Snack Zone” is aimed at approximately 200 high quality calories per visit.

Description: Although underrepresented in most national dietary surveys, secondary studies of individuals with autism strongly suggest high rates of both overweight/obesity and the chronic conditions that are typically comorbid. Despite these trends, few nutrition programs have been developed for this at-risk population.

“The Snack Zone” is a community based snacking program designed for individuals with autism, though the principles are applicable to other populations. Visits to “The Snack Zone” are based on the premise that, if an individual is hungry, the menu options will guide them to an appropriate high quality snack. Over time, the principles supported in the program can be generalized to reinforce healthy eating patterns.

Evaluation: Attendance/consumables were tracked for one week. Along with energy intake analysis, 200 individuals were found to have snacked on carrots (91 servings), tomatoes (47), celery (59), cucumber (52), apples (97), and oranges (90).

Conclusions and Implications: To avoid adversely impacting energy balance leading to obesity, appropriate snacking needs to be defined and supported. “The Snack Zone” accomplishes this goal and is creatively implemented such that participants can pick and choose based on individual preferences.

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