SUBMITTED BY: Student Association of the ACOFP on behalf of Amber Shirley, OMS-II, Lincoln Memorial University DeBusk College of Osteopathic Medicine and Nadav Ribak, OMS-II, Campbell University School of Osteopathic Medicine

REFERRED TO: 2023 American College of Osteopathic Family Physicians (ACOFP) Congress of Delegates

WHEREAS, approximately two million Americans are diagnosed with celiac disease (1) and approximately $6 \%$ of Americans have a non-celiac gluten sensitivity (2); and

WHEREAS, gluten is a protein found in grain products that patients with celiac disease and non-celiac gluten sensitivity should avoid in order to treat their disease (3); and

WHEREAS, celiac disease symptoms consists of diarrhea, fatigue, weight loss, bloating, gas, abdominal pain, nausea, vomiting, constipation, anemia, osteoporosis, osteomalacia, mouth ulcers, and nervous system disorder(4); and

WHEREAS, patients with celiac disease have a higher instance than the general population of eating disorder such as anorexia nervosa and bulimia, thus adding stress and pressure to grocery shopping (5); and

WHEREAS, a 2006 study by the Canadian Celiac Association showed that $83 \%$ of participants with celiac disease reported issues in finding gluten free foods at grocery stores and $85 \%$ reported issues in identifying whether a food contains gluten (6); and

WHEREAS, $15.9 \%$ of patients with celiac disease in the United States are considered food insecure, jeopardizing treatment and negatively affecting their health and quality of life (7); and

WHEREAS, gluten can be found in derivatives of wheat, barley, and rye that may show up on food labels as "natural flavors" and "caramel color", thus making it difficult to decide if a food product is indeed free of gluten because barley and rye are not required to be labeled(8); and

WHEREAS, gluten itself is not listed in the allergens, only derivatives of wheat; and
WHEREAS, current US Food Drug Administration guidelines allow food manufacturers to label products as containing gluten or gluten free on a voluntary basis (9); and

WHEREAS, other countries such as Australia and New Zealand require that all food products label the gluten content (10); and

WHEREAS, clear labeling on food products regarding gluten content would be beneficial to patients looking for food products; and

WHEREAS, this could be achieved by adding gluten to the allergens listed on food products similar to common food allergens such as wheat, milk soy, etc.; and

WHEREAS, the eight allergens that are listed, milk, eggs, fish, crustacean shellfish, tree nuts, peanuts, wheat, and soybeans, have been beneficial in allowing people with food allergies to easily discern what they can consume; gluten is currently not on that list, but adding it to this list would be beneficial for those who have to avoid consuming it; and (11)

WHEREAS, groups like the Gluten Intolerance Group in their mission of making life easier for those who are gluten-free and providing the standardized Gluten Free Certification Organization (GFCO) to identify foods that undergo rigorous testing for gluten containment, and Gluten Free WatchDog, an advocacy group that alerts gluten free consumers to recalls, mislabeling, etc., have been advocating for stricter food labeling claims for gluten (12,13, 14); now, therefore be it

RESOLVED, that the American College of Osteopathic Family Physicians (ACOFP) recognizes and supports initiatives promoting the labeling of gluten as an allergen on all consumer products, including, but not limited to food labels and pharmaceuticals.

FINAL ACTION: APPROVED as of March 29, 2023

## References:

1. Celiac disease. Celiac Disease |Johns Hopkins Medicine. (n.d.). Retrieved December 19, 2022, from https://www.hopkinsmedicine.org/health/conditions-and-diseases/celiac-disease
2. Igbinedion, S. O., Ansari, J., Vasikaran, A., Gavins, F. N., Jordan, P., Boktor, M., \& Alexander, J. S. (2017, October 28). Non-celiac gluten sensitivity: All wheat attack is not celiac. World journal of gastroenterology. Retrieved December 19, 2022, from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5677194/
3. What is gluten? Celiac Disease Foundation. (n.d.). Retrieved December 19, 2022, from https://celiac.org/gluten-free-living/what-is-gluten/
4. Mayo Foundation for Medical Education and Research. (2021, August 10). Celiac disease. Mayo Clinic. Retrieved December 19, 2022, from https://www.mayoclinic.org/diseases-conditions/celiac-disease/symptoms-causes/syc-20352220
5. Nikniaz Z;Beheshti S;Abbasalizad Farhangi M;Nikniaz L; (n.d.). A systematic review and meta-analysis of the prevalence and odds of eating disorders in patients with celiac disease and vice-versa. The International Journal of eating disorders. Retrieved December 19, 2022, from https://pubmed.ncbi.nlm.nih.gov/34042201/
6. Ciacci, C., \& Zingone, F. (2015, June 19). The perceived social burden in celiac disease. Diseases (Basel, Switzerland). Retrieved December 19, 2022, from https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5548237/
7. Ma C;Singh S;Jairath V;Radulescu G;Ho SKM;Choi MY; (n.d.). Food insecurity negatively impacts gluten avoidance and nutritional intake in patients with celiac disease. Journal of clinical gastroenterology. Retrieved December 19, 2022, from https://pubmed.ncbi.nlm.nih.gov/34802022/
8. Nutrition: Confusing gluten-free diet ingredients. National Celiac Association. (n.d.). Retrieved December 19, 2022, from https://nationalceliac.org/celiac-disease-resources/confusing-gluten-free-diet-ingredients/
9. Center for Food Safety and Applied Nutrition. (n.d.). Gluten and food labeling. U.S. Food and Drug Administration. Retrieved December 19, 2022, from https://www.fda.gov/food/nutrition-education-resources-materials/gluten-and-food-labeling
10. Policies around the world. Celiac Disease Foundation. (n.d.). Retrieved December 19, 2022, from https://celiac.org/gluten-free-living/global-associations-and-policies/policies-around-the-world/
11. Center for Food Safety and Applied Nutrition. (n.d.). Gluten and food labeling. U.S. Food and Drug Administration. Retrieved December 19, 2022, from https://www.fda.gov/food/nutrition-education-resources-materials/gluten-and-food-labeling
12. Food Safety. (2022, May 25). Gluten intolerance group promotes food label transparency for Celiac Awareness Month. Food Safety RSS. Retrieved January 12, 2023, from https://www.food-safety.com/articles/7765-gluten-intolerance-group-promotes-food-label-transparency-for-celi ac-awareness-month
13. Thompson, T. (2022, May 24). Does FDA ever intend to take public enforcement action against manufacturers misbranding products gluten-free that list malt ingredients? Gluten Free Watchdog. Retrieved January 12, 2023, from
https://www.glutenfreewatchdog.org/news/does-fda-ever-intend-to-take-public-enforcement-action-against-ma nufacturers-misbranding-products-gluten-free-that-list-malt-ingredients- $\% \mathrm{EF} \% \mathrm{BF} \% \mathrm{BC} /$
14. Gluten free food testing and news. Gluten Free Watchdog. (n.d.). Retrieved January 12, 2023, from https://www.glutenfreewatchdog.org/news/
