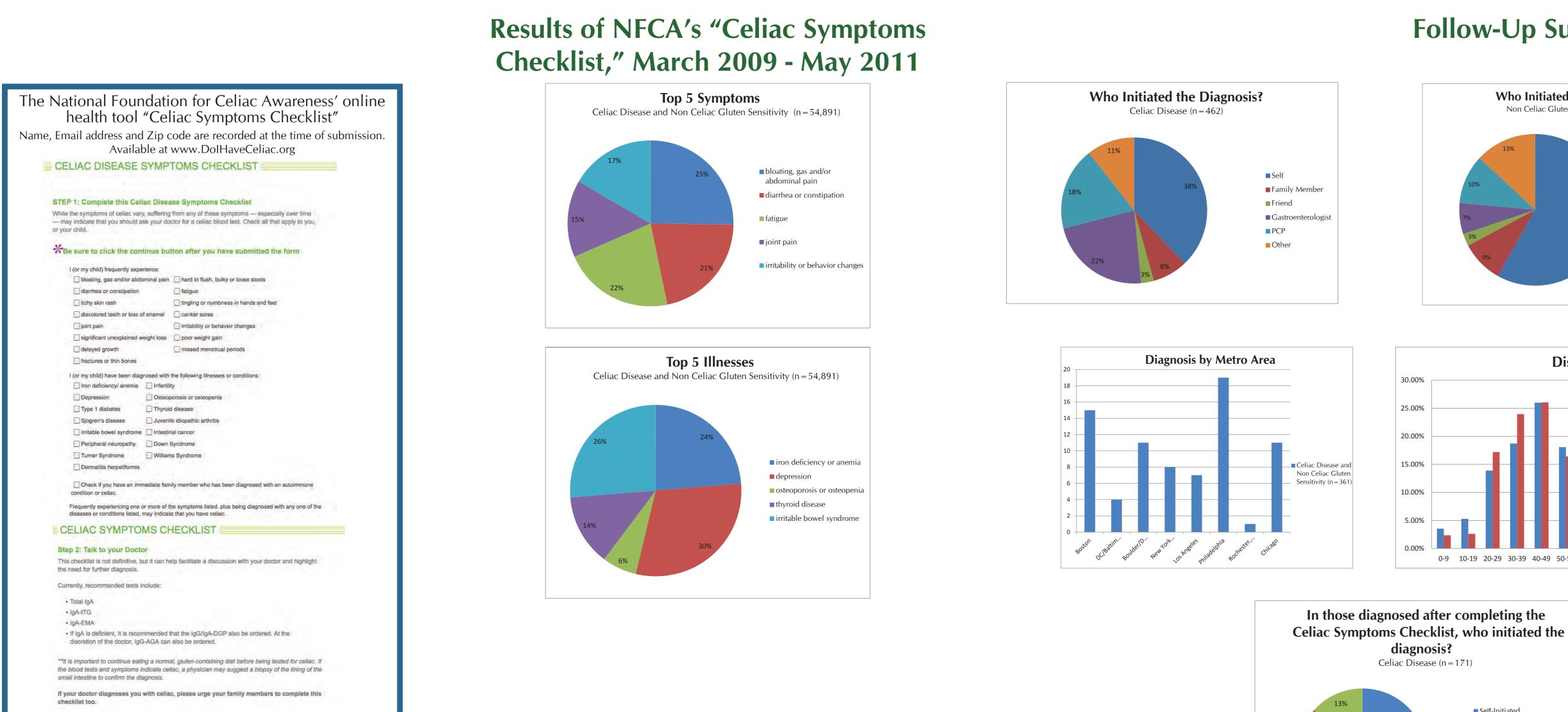
Use of Disease Symptoms Checklist in Self-Initiated Diagnoses of Celiac Disease and Non-Celiac Gluten Sensitivity

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In the U.S., clinician-initiated diagnosis (CID) of celiac disease (CD) and non-celiac gluten sensitivity (NCGS) is low. Little is known about the process when the diagnosis is self-initiated (SID). Websites offer a chance to better understand SID of CD and NCGS as 59% of U.S. adults access online health information. This study's aim was to understand diagnostic experiences of patients who use the web to prompt SID of CD or NCGS. CeliacCentral.org's health tool "Celiac Symptoms Checklist" provides patients the ability to identify CD/NCGS risk factors and share results with their clinician. Between March 2009 and May 2011, 54, 891 individuals completed the Checklist. We conducted an online follow-up survey among Checklist participants on their health status since Checklist completion. The follow-up survey resulted in 2240 responses. Respondents were 90% female and 10% male. SID occurred in 38% of CD and 57.5% of NCGS cases. After SID, leading initiators were: Gastroenterologist (21.5%) and primary care (17.5%) for CD and 'Other' (13%), with chiropractor and naturopathic providers most commonly reported, and primary care (10%) for NCGS. In those diagnosed after completing the Checklist, SID occurred in 56% of CD and 65% of NCGS cases. We demonstrate that CD and NCGS SID is common and an online tool used to survey CD/NCGS related symptoms and conditions may prove useful in prompting SID among U.S. patients. As online resources must accurately reflect accepted diagnostic algorithms. CD = celiac disease, NCGS = non-celiac gluten sensitivity, SID = self-initiated diagnosis, CID = clinician-initiated diagnosis

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NATIONAL FOUNDATION Through empowerment, education and advocacy, the National Foundation for Celiac Awareness drives diagnoses and improves the quality of life for those affected by gluten-related disorders. We believe in a patient-centered healthcare model that is grounded in science, promotes collaboration and supports a comprehensive approach to health and wellness.

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Who Initiated the Diagnosis? Diagnosis by Regior I. PR. RI. VT. Virgin Islands Non Celiac Gluten Sensitivity (n = 421)16.00% orth East: DE, NY, PA 14.00% st: DC. MD. NC. SC. VA. V Army Post Office Americas, Fleet Post Office Americas 10.00% Mid East: IN, KY, MI, OH Self North Mid: IA, MN, ND, SD, W Central Mid: IL, KS, MO, NE Celiac Disease (n = 453)Family Member South Mid: AR. LA. OK. TX West: AZ, CO, ID, NM, NV, UT Friend Non Celiac Gluten Sensitivity Gastroenterologis West Coast: AK, CA, HI, OR, WA PCP Guam, American Samoa, Marshal Islands, Federated States of Other Micronesia, Northern Mariana Islands, Palau, Army Post Office Pacific, Fleet Post Office Pacifi Other/Blank: Other countries 3 Nº. 63 NIG 63 NOT NOT COUT COUT NET RET RET COST including Canada, Australia, England, etc. Are You Currently Following a Gluten-Free **Distribution by Age** Diet? 90.0% 80.0% 70.0% 60.0% 50.0% Celiac Disease (n = 454)■Yes, always ■ Non Celiac Gluten Sensitivity (n = 384) 40.0% Yes, sometimes No, never 30.0% 20.0% 10.0% 0.0% Celiac Disease (n=452) Non Celiac Gluten Neither CD nor NCGS 0-9 10-19 20-29 30-39 40-49 50-59 60-69 70-79 80-89 90-99 Sensitivity (n=417) (n=835) In those diagnosed after completing the Celiac Symptoms Checklist, who initiated the diagnosis? Non Celiac Gluten Sensitivity (n = 205)Self-Initiated Self-Initiated ClinicianInitiated ClinicianInitiated (Gastroenterologist and Primary (Gastroenterologist and Primary Care) Care) Other Other

Follow-Up Survey, Summer 2011





