







Health or Hype?







Stars' diet is free of gluten but full of fat

Celebrities claim to lose weight with wheat-free food, but it is often full of calories — and pricy, writes Kathryn Cooper

SUPERMARKETS are cashing in on the celebrity trend for wheat-free dies with products that can be up to three times the price of standard foods and contain more than three times to be for the contain the contain

condain more than three times the fat. The fat.

adopting the diet, believing it to be a healthier opinion. However, a sunday survey of gluten-free products and the product of the product of

from Sainsbury's contained more fat than a Mars bar.

"People assume that by cutting out gluten they are going
to lose weight. It's a myth,
said Tamya Thomas, a detexian
and member of the British
thomas and the said
that the Dietetic Association. The supermarket's "free Gluten-free foods have none-from" oaty granola has 27.4g of

Sainbury's said that in order to product Mask's & Spencer recently freedred that saids of its 'made without wheat' range had sourced 45's over the past year, control of the gluttern free certain with milk contains 15% of fat per 100g compared with based products 'a certain swell-dead against the sain of the past year, control of the gluttern free certain with milk contains 15% of fat per 100g compared with 99 products as whether the against received the sain without of that is required that sain per 100g compared with 99 products 'a certain with milk contains 15% of fat per 100g compared with 99 products with milk contains 15% of fat per 100g compared with 99 products 'a certain with milk contains 15% of fat per 100g compared with 99 products with milk contains 15% of fat per 100g compared with 99 products with 100g compared with 99 products with 100g compared with 99 products with 100g compared with 100g compar Gluter-free foods have none-flord spanned by usiness. If a per 100g compared with Marks & Spencer recently 16.8g for its standard granola. A re-ported that also of its "made or other or the standard granola and without wheat" range had with milk contains 15.7g of fat while stainsbury's and Tereco bandwise of the post year, the post year, the post year, the post year, the post year of the post year, the post year of the post year, the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the post year of the post year of the post year of the post year. The post year of the year of the post ye



House price rise gathers pace

Kathryn Cooper

HOUSE prices have increased at their fastest

HOUSE prices have increased at their fastest increased at their fastest who years, naising further hopes that the economy state that the economy has turned a corner. According to the Land Registry, the price of an exact periperty in England severage property in England severage property in England September, the biggest year-on-year rise since November 2010. London was the region with the strongest growth — prices rose \$50 one of the property of the property

year to Eds. 802. The southeast also sub-buoyant growth, with the average property up 2.3% to E203,001. However, six out of 10 house-price regions suffered falls over the past year. The northeast had the biggest annual drop, with the average price down 1.2% to 159, 163. In towns, Hardiepout experienced the biggest appearanced the biggest year to September with an increase of 5.7%, while Bleenau (Owert in south

from its double-dip recession in the third

Mixed fortunes

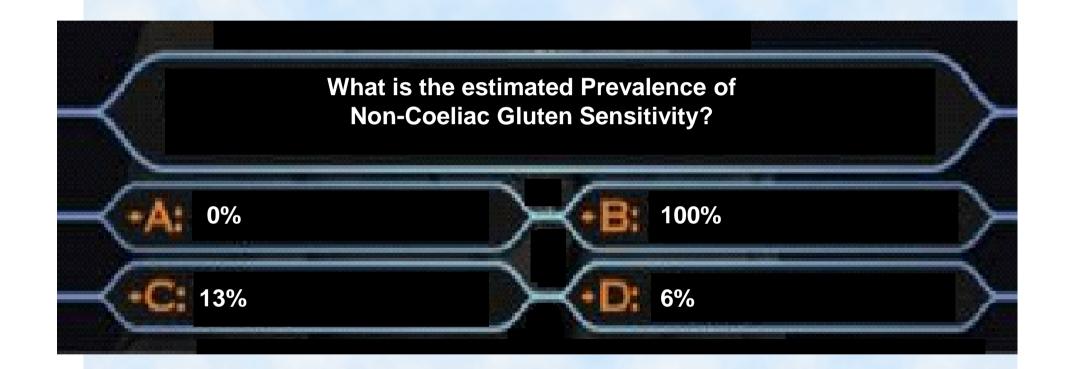
Southeast +2.3 East +1.9 East Midlands -0.1 Wales -1.2 Northwest -2.2 Yorkshire -3.0

Northeast -3.2



Question?







NCGS Prevalence



Country	Year	Prevalence
******* ******** *******		F 00/
*******		5.9% - secondary care
	2012	referrals
\Rightarrow		~4% - 1% of NZ children
* *		have CD but 5% report
☆	2012	gluten avoidance
***************************************		0.5% - National Health
********		and Nutrition
	2013	Examination Survey



Does the UK population suffer with symptoms of Gluten Sensitivity?





- 1002 adults completed the population based questionnaire
- 55% female, age range 16-93, mean age
 39 years
- 0.8% formally diagnosed CD
- 13% gluten sensitive (129/1002, female 80% (P < 0.0001), age range 18-75, mean age 40 years, SD 17.6)
- 3.7% of total population consuming GFD
- Patients with IBS were more likely to report GS than non-IBS patients (43% vs. 10%, p<0.0001).

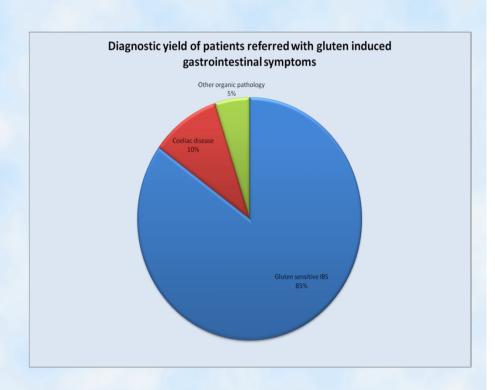
Aziz I et al. EJGH In Press September 2013



Self reporting of Gluten Sensitivity: Secondary care experience in the UK



- 200 self reported GS patients were investigated over a 5 year period. 84% female and the mean age of presentation was 39.6 yrs (range 16-77).
- Positive coeliac serology (p<0.0001) was significantly associated with coeliac disease
- All patients with coeliac disease were HLA DQ2 or DQ8 compared to 53% NCGS
- There was statistically no significant difference in gender, clinical symptoms or baseline bloods (p > 0.05)



Aziz I et al. EJGH In Press September 2013

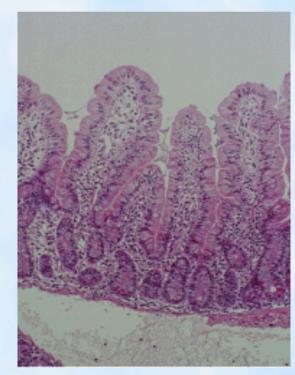


Is lymphocytic duodenosis (LD) a marker for IBS?



- 200 patients with LD extensively investigated
- Identifiable cause found in 70%
- 35/60 patients with no identifiable cause fulfilled Rome III criteria for IBS (17% of all LD patients)
- 9/35 patients self reported GS
- 55% IBS patients HLA DQ2/DQ8

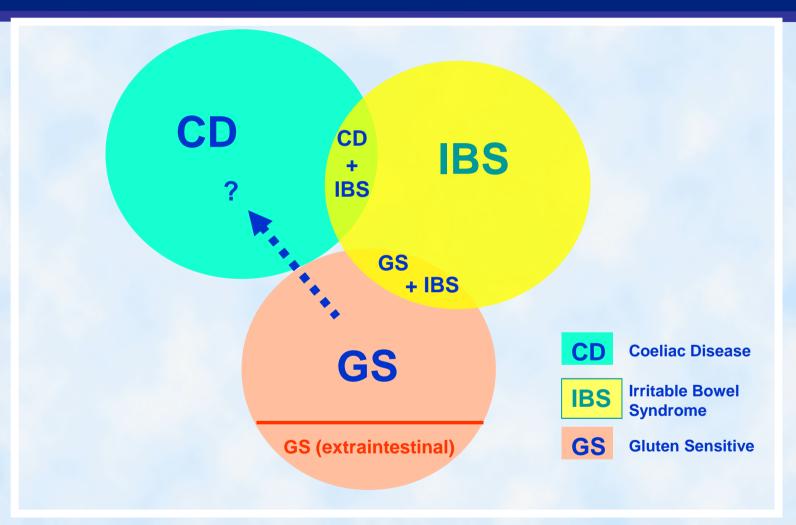
Associations with lymphocytic duodenosis (n 200)	Percentage
No cause found	30%
Coeliac disease	20%
Anti-inflammatory drugs	17%
Helicobacter pylori	16%
Gastrointestinal infections	7%
Autoimmune disorders	5.5%
Inflammatory bowel disease	2%
TB or HIV	1.5%
IgA deficiency	1%



Aziz et al UEGW 2013







A Model for the relationship between coeliac disease, IBS and gluten sensitivity?

Ball A and Sanders DS Am J Gastroenterol 2010;105:222-3



Conclusions



- UK self reported gluten sensitivity 13%
- Clear association with IBS symptoms
- HLA DQ2/DQ8 preponderance
- Clinical practice: consider GFD in patients with IBS



Thank you



