106 children with type 1 diabetes

Anti-TTG, EMA (IgA) and total IgA level

Group 1
+ve anti-TTG and +ve EMA
n=11

1 patient refused endoscopy

Biopsy proven CD  n= 9
negative biopsy     n=1

Group 2
-ve anti-TTG
and +ve EMA
n=1

Biopsy proven CD  n= 1

Group 3
anti-TTG >50 U/ml
and -ve EMA
n=4

Biopsy proven CD  n= 2

Group 4
Anti-TTG 20-50 U/ml
and -ve EMA
n=10

Repeat of anti-TTG after 6 months

-ve anti-TTG
n= 5

Biopsy proven CD  n= zero

-ve anti-TTG
n= 5

Biopsy proven CD  n= zero

CD= celiac disease; EMA= endomyseal antibody; n= number; Anti-TTG= anti-tissue transglutaminase IgA; -ve= negative; +ve= positive