**Supplemental material 1**

*List of collaborators*

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**Supplemental material 2**

*Comparison of participants with T1D and comorbid autoimmune conditions vs. those with only T1D*

The participants with T1D and comorbid autoimmune conditions did not differ from those with only T1D in terms of mean age (*F*(3,1561)=1.797, *p*=.146, *η2*= .003), SES level (*F*(3,1550)=1.875, *p*=.132, *η2*=.004), HbA1c values (*F*(3,1559)=.587, *p*=.624, *η2*=.001), zBMI (*F*(3,1562)=1.944, *p*=.121, *η2*=.004), or DEB prevalence (*F*(3,1561)=.641, *p*=.588, *η2*=.001). Gender was not equally distributed across group, with a lower number of boys in the thyroiditis group (χ2= 21.735, *p* ≤.0001). Duration of illness was longer in participants with celiac disease (*F*(3,1561)=11.397, *p* ≤ .0001, *η2*=.021) when compared with participants with only T1D (*p* ≤.0001) and participants with comorbid thyroiditis (*p* =.001); individuals with both celiac disease and thyroiditis have a longer duration of illness than those with only T1D (*p* =.035) and those with comorbid thyroiditis (*p*=.043)

**Supplemental material 3**

**Table S1**

*Correlations Among the Variables.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1. Gender | - | -.13 | .05 | .11 | .18\*\* | .06 | .33\*\* | -.08 | .26\*\*\* | -.07 |
| 2. Age | -.01 | - | -.12 | -.04 | -.18\*\* | .10 | .08 | -.03 | -.01 | .02 |
| 3. SES | -.04 | -.001 | - | .19\*\* | -.01 | -.07 | -.02 | -.06 | -.10 | -.22\*\* |
| 4. Type  of therapy | .04 | -.003 | .18\*\*\* | - | .11 | .04 | .17\* | -.01 | .06 | -.25\*\*\* a |
| 5. zBMI | .15\*\*\* | -.08\*\* | -.07\*\* | -.06\* | - | .04 | .01 | .05 | .26\*\*\* | .17\*\* |
| 6. Externalizing problems | .05 | .07\* | -.10\*\*\* | -.10\*\*\* | .07\* | - | .39\*\*\* | .39\*\*\* | .46\*\*\* | .10 |
| 7. Internalizing problems | .35\*\*\* | .04 | -.06\* | .02 | .07\* | .43\*\*\* | - | .18\*\* | .46\*\*\* | -.03 |
| 8. IM | .01 | .04 | -.05 | -.03 | -.04 | .31\*\*\* | .22\*\*\* | - | .50\*\*\* | .30\*\*\* |
| 9. DE | .27\*\*\* | .03 | -.14\*\*\* | -.10\*\*\*b | .25\*\*\* | .46\*\*\* | .49\*\*\* | .48\*\*\* | - | .30\*\*\* |
| 10. HbA1c | .09\*\*a | -.009 | -.20\*\*\* | -.25\*\*\*c | .08\*\* | .24\*\*\* | .10\*\*\* | .30\*\*\* | .35\*\*\* | - |

*Note.* Correlations for patients with only T1D are below the diagonal, correlations for patients with T1D and other diseases (celiac diseases and/or thyroiditis) are above the diagonal. Gender was coded as 1 = males, 2 = females. Type of therapy was coded as 1 = multiple daily injections (MDI), 2 = continuous subcutaneous insulin infusion (CSII). IM= insulin manipulation (sum of scores to DEPS-r’s item 2 and 8); DE= disordered eating (sum of all scores to DEPS-r’s item excluding 2 and 8).

a higher HbA1c was associated with being female

b higher DE was associated with MDI

c higher HbA1c was associated with MDI

\**p*≤.05; \*\**p*≤.01; \*\*\**p*≤.001.