CAID

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##CAID Summary Statistics

**Table 1: Demographics by ANY CAID (thyroid, celiac or addison’s)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | All (n=2217) | 0 (n=1979) | 1 (n=238) | P Value |
| **Age at Diabetes Dx, years** | 9.82Â±4.22 | 9.81Â±4.24 | 9.61Â±4.11 | 0.4906 |
| **Gender** |  |  |  | 0.0092 |
| F | 1006 (45%) | 859 (43%) | 125 (53%) |  |
| M | 1244 (55%) | 1120 (57%) | 113 (47%) |  |
| **Race/Ethnicity** |  |  |  | 0.1159 |
| Hispanic | 349 (16%) | 297 (15%) | 45 (19%) |  |
| Non-Hispanic Black | 92 (4%) | 87 (4%) | 4 (2%) |  |
| Non-Hispanic White | 1558 (69%) | 1367 (69%) | 168 (71%) |  |
| Other | 124 (6%) | 113 (6%) | 11 (5%) |  |
| Unknown | 127 (6%) | 115 (6%) | 10 (4%) |  |
| **BMI at Dx** | 17.41Â±4.15 | 17.44Â±4.17 | 17.16Â±3.83 | 0.3026 |

**Table 1a: Demographics by Thyroid Disease**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | All (n=2227) | 0 (n=2105) | 1 (n=122) | P Value |
| **Age at Diabetes Dx, years** | 9.82Â±4.22 | 9.73Â±4.23 | 10.7Â±3.95 | 0.0097 |
| **Gender** |  |  |  | 0.0003 |
| F | 1006 (45%) | 916 (44%) | 74 (61%) |  |
| M | 1244 (55%) | 1189 (56%) | 48 (39%) |  |
| **Race/Ethnicity** |  |  |  | 0.0082 |
| Hispanic | 349 (16%) | 308 (15%) | 33 (27%) |  |
| Non-Hispanic Black | 92 (4%) | 88 (4%) | 4 (3%) |  |
| Non-Hispanic White | 1558 (69%) | 1470 (70%) | 73 (60%) |  |
| Other | 124 (6%) | 118 (6%) | 6 (5%) |  |
| Unknown | 127 (6%) | 121 (6%) | 6 (5%) |  |
| **BMI at Dx** | 17.41Â±4.15 | 17.38Â±4.13 | 17.63Â±4.18 | 0.529 |

**Table 1b: Demographics by Celiac’s Disease**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | All (n=2238) | 0 (n=2117) | 1 (n=121) | P Value |
| **Age at Diabetes Dx, years** | 9.82Â±4.22 | 9.9Â±4.22 | 8.27Â±3.98 | <0.0001 |
| **Gender** |  |  |  | 0.6399 |
| F | 1006 (45%) | 942 (44%) | 57 (47%) |  |
| M | 1244 (55%) | 1175 (56%) | 64 (53%) |  |
| **Race/Ethnicity**\*\* |  |  |  | 0.0382 |
| Hispanic | 349 (16%) | 338 (16%) | 11 (9%) |  |
| Non-Hispanic Black | 92 (4%) | 90 (4%) | 1 (1%) |  |
| Non-Hispanic White | 1558 (69%) | 1450 (68%) | 98 (81%) |  |
| Other | 124 (6%) | 118 (6%) | 6 (5%) |  |
| Unknown | 127 (6%) | 121 (6%) | 5 (4%) |  |
| **BMI at Dx** | 17.41Â±4.15 | 17.47Â±4.19 | 16.52Â±3.34 | 0.004 |

**Celiac Groups**

|  |  |
| --- | --- |
| Characteristic | All (n=2250) |
| **Celiac Groups** |  |
| Grp1. Celiac Disease, Positive Biopsy | 68 (35%) |
| Grp2. Celiac Disease, Gluten Free Diet | 45 (23%) |
| Grp3. Celiac Disease, Gluten Free Diet, Negative Biopsy | 8 (4%) |
| Grp4. Abnormal panel, no celiac disease, no biopsy | 58 (30%) |
| Grp5. Abnormal panel, no celiac disease, negative biopsy | 15 (8%) |

**Table 1c: Demographics by Addison’s Disease**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | All (n=2249) | 0 (n=2243) | 1 (n=6) | P Value |
| **Age at Diabetes Dx, years** | 9.82Â±4.22 | 9.82Â±4.22 | 9.07Â±4.43 | 0.6944 |
| **Gender**\*\* |  |  |  | 0.2337 |
| F | 1006 (45%) | 1005 (45%) | 1 (17%) |  |
| M | 1244 (55%) | 1238 (55%) | 5 (83%) |  |
| **Race/Ethnicity**\*\* |  |  |  | 0.5978 |
| Hispanic | 349 (16%) | 348 (16%) | 1 (17%) |  |
| Non-Hispanic Black | 92 (4%) | 92 (4%) | 0 (0%) |  |
| Non-Hispanic White | 1558 (69%) | 1554 (69%) | 4 (67%) |  |
| Other | 124 (6%) | 123 (5%) | 1 (17%) |  |
| Unknown | 127 (6%) | 126 (6%) | 0 (0%) |  |
| **BMI at Dx** | 17.41Â±4.15 | 17.41Â±4.15 | 17.1Â±3.51 | 0.836 |

**Table 2: Family History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Diagnosis | Any Family Member | 1st Degree Family Member | Non-1st Degree Family Member |
| 6 | Thyroid.Disease | 886 (57%) | 311 (20%) | 716 (46%) |
| 3 | Diabetes.type.1 | 777 (50%) | 169 (11%) | 667 (43%) |
| 2 | Celiac | 376 (24%) | 50 (3%) | 339 (22%) |
| 8 | Other | 283 (18%) | 98 (6%) | 212 (14%) |
| 5 | Rheumatoid.Arthritis | 174 (11%) | 21 (1%) | 159 (10%) |
| 4 | Hypothyroidism | 169 (11%) | 87 (6%) | 117 (8%) |
| 1 | Addison.s.disease | 99 (6%) | 3 (0%) | 96 (6%) |
| 7 | Vitiligo | 77 (5%) | 10 (1%) | 68 (4%) |

**Table 3: Timing of Events**

|  |  |
| --- | --- |
| Characteristic | All (n=2250) |
| **Which CAID was first** |  |
| Addison’s | 6 (3%) |
| Celiac | 113 (47%) |
| Thyroid | 119 (50%) |
| **Months from Onset to first CAID** | 13.6Â±18.07 |
| **Timing of Thyroid Disease** |  |
| After Diabetes Onset | 122 (84%) |
| At Diabetes Onset | 1 (1%) |
| Before Diabetes Onset | 22 (15%) |
| **Months from Onset to Thryoid Disease** | 12.75Â±20.5 |
| **Timing of celiac Disease** |  |
| After Diabetes Onset | 121 (91%) |
| At Diabetes Onset | 3 (2%) |
| Before Diabetes Onset | 9 (7%) |
| **Months from Onset to Celiac Disease** | 14.84Â±14.95 |
| **Timing of Addison’s Disease** |  |
| After Diabetes Onset | 6 (100%) |
| **Months from Onset to Addison Disease** | 10.79Â±19.64 |
| **Years of Follow-up for no CAIDs** | 36.16Â±25.36 |