**Table 2. Summary of Impact of Psychological Morbidity in Young People with Inflammatory Bowel Disease**

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| --- | --- | --- | --- | --- | --- |
| **Identified Impact**  | **Study (reference)** | **Country** | **Age (years);**  | **Recruitment Age** | **Significant Outcomes**  |
|  |  |  | **mean (SD)** | **range (years)** |  |
| Abdominal pain | Srinath et al 2014 (51) | USA  | 14.3 (2.4) | 9-17 | Depression predictor of abdominal pain perception (r= 0.33, *P*< 0.001) |
| perception |   |   |   |   |   |
| Sleep dysfunction | Benhayon et al 2013 | USA  | 14.4 (2.3) | 9-17  | Qualitative measures of sleep predicted by anxiety (r2= 11.0, *P* =0.001) |
|   | Pirinen et al 2014  | Finland  | 15.4 (2.2) | NA | Increased sleep dysfunction in anxiety/depression (*P*< 0.05) and somatic complaints (*P*< 0.01)  |
| Increased use of  | Loftus et al 2011 (34) | USA  | 11.8 (95% CI 11.6-12.0) | NA | Increased use of antidepressants in CD; tricyclic use (HR=4.16, 95% CI=2.76-6.27) |
| psychotropic drugs  | Virta & Kolho 2014 (25) | Finland  | NA | 6-16 | Increased use of antidepressants in IBD (3.2% vs 1.2%, *P*=0.031) |
| Medication  | Gray et al 2012 (49) | USA | 15.5 (1.4) | 13-17 | High levels of anxiety/depressive symptoms; medication adherence reduced by 12.6% (B=0.43, *P*<0.001)  |
| Non-adherence | Hommel et al 2008 (47) | USA | 15.7 (1.4) | 13-17 | Depressive symptoms negatively correlated with self-report medication adherence (r=-0.56, *P*<0.01) |
|   | Reed-Knight et al 2013  |   | 14.8 (2.8) | 11-18 | Attention/conduct problems negatively correlated with parent and self-report adherence (*B*= -0.038, SE= 0.0017, *P*<0.05) |
| Negative illness | Gold et al 2000 (28) | USA | 13.3 (+/- 3.0) | 8-18  | Negative illness perception predicted 34% of variance in subjective illness severity |
| perceptions | Ondersma et al 1996 (35) | USA  | 15.1 (1.3) | 11-17 | Negative illness perception predictive of depressive symptoms (r=-0.43) |
|   |   |   |   |   |   |
| Abbreviations: Confidence Interval (CI), Crohn’s Disease (CD), Hazard Ratio (HR), Inflammatory Bowel Disease (IBD), Not Available (NA), Standard Deviation (SD), Standard Error (SE) |