**Supplementary Table S3. Somatic and Psychiatric Comorbidities and Psychosocial Manifestations Associated with Eating Disorders**

| **Outcome** | **Anorexia nervosa** | | **Bulimia Nervosa** | | **Binge-Eating Disorder** | **Source** |
| --- | --- | --- | --- | --- | --- | --- |
| **Somatic manifestations and comorbidities** | | | | | | |
| **Body composition** |  | |  | |  |  |
| Body fat content and distribution | El Ghoch, Calugi, Lamburghini, & Dalle Grave, 2014; Greco, Lenzi, & Migliaccio, 2016 | |  | |  | SR; NR |
| Increased bone marrow fat | Donaldson & Gordon, 2015; Hardouin, Rharass, & Lucas, 2016; Scheller, Burr, MacDougald, & Cawthorn, 2016 | |  | |  | NR |
| Bone mineral density | Osteopenia, osteoporosis and fractures  (Donaldson & Gordon, 2015; El Ghoch et al., 2016; Greco et al., 2016; Misra, Golden, & Katzman, 2016; Misra & Klibanski, 2016; Robinson, Aldridge, Clark, Misra, & Micali, 2016; Schorr & Miller, 2017; Solmi, Veronese, Correll, et al., 2016; Thornton & Gordon, 2016; Westmoreland, Krantz, & Mehler, 2016) | | Osteopenia  (Robinson et al., 2016) | |  | NR; SR; MA |
| Increased physical activity | Achamrah, Coëffier, & Déchelotte, 2016; Gümmer et al., 2015 | |  | |  | SR |
| **Brain** |  | |  | |  |  |
| Gray matter atrophy | Seitz et al., 2014; Titova, Hjorth, Schiöth, & Brooks, 2013; Westmoreland et al., 2016 | |  | |  | SR; MA |
| White matter atrophy | Seitz et al., 2014; Titova et al., 2013; Westmoreland et al., 2016 | |  | |  | NR; QR; MA |
| **Cardiovascular system** |  | |  | |  |  |
| Atherosclerotic vascular disease | Sachs, Harnke, Mehler, & Krantz, 2016 | |  | |  | SR |
| Coronary heart disease |  | |  | | Olguin et al., 2016 | SR |
| Autonomic dysfunction/altered heart rate variability | Sachs et al., 2016 | | Increased variability  (Peschel et al., 2016a, 2016b) | | Decreased variability  (Mitchell, 2016; Olguin et al., 2016) | SR |
| Decreased left ventricular mass | Sachs et al., 2016; Spaulding-Barclay, Stern, & Mehler, 2016 | |  | |  | NR; SR |
| Decreased left ventricular end-diastolic and left ventricular end-systolic dimensions | Spaulding-Barclay et al., 2016 | |  | |  | NR |
| Altered heart wall thicknesses | Spaulding-Barclay et al., 2016 | |  | |  | NR |
| Lower cardiac output |  | |  | | Olguin et al., 2016 | SR |
| Mitral valve prolapse | Sachs et al., 2016; Spaulding-Barclay et al., 2016 | |  | |  | NR; SR |
| Myocardial fibrosis | Lamzabi et al., 2015; Sachs et al., 2016 | |  | |  | SR; Autopsy |
| Cardiomyopathy |  | | Westmoreland et al., 2016 | |  | NR |
| Sinus bradycardia | Sachs et al., 2016; Spaulding-Barclay et al., 2016; Westmoreland et al., 2016 | |  | |  | NR; SR |
| Blood pressure | Hypotension  (Sachs et al., 2016; Spaulding-Barclay et al., 2016) | |  | | Hypertension  (Mitchell, 2016) | NR; SR |
| Postural orthostatic tachycardia syndrome | Sachs et al., 2016; Spaulding-Barclay et al., 2016 | |  | |  | NR; SR |
| Cardiac arrhythmias |  | | Westmoreland et al., 2016 | |  | NR |
| QT dispersion | Sachs et al., 2016; Spaulding-Barclay et al., 2016 | | Olguin et al., 2016 | |  | NR; SR |
| QT interval prolongation | Sachs et al., 2016; Spaulding-Barclay et al., 2016; Westmoreland et al., 2016 | | Olguin et al., 2016 | |  | NR; SR |
| Conduction delays | Sachs et al., 2016; Spaulding-Barclay et al., 2016 | |  | |  | NR; SR |
| Junctional escape rhythms | Sachs et al., 2016; Spaulding-Barclay et al., 2016 | |  | |  | NR; SR |
| Dysregulation of peripheral vasoconstriction/vasodilatation | Sachs et al., 2016 | |  | |  | SR |
| Acrocyanosis | Sachs et al., 2016 | |  | |  | SR |
| Arterial vasospasm | Sachs et al., 2016 | |  | |  | SR |
| **Dermatology** |  | |  | |  |  |
| Xerosis | Westmoreland et al., 2016 | |  | |  | NR |
| Lanugo hair | Westmoreland et al., 2016 | |  | |  | NR |
| Hair thinning | Westmoreland et al., 2016 | |  | |  | NR |
| Perniosis | Westmoreland et al., 2016 | |  | |  | NR |
| Acne | Westmoreland et al., 2016 | |  | |  | NR |
| Carotenoderma | Westmoreland et al., 2016 | |  | |  | NR |
| Callus on back of hand (Russell’s sign) |  | | Mehler & Rylander, 2015 | |  | NR |
| **Immunology** |  | |  | |  |  |
| Increased risk of infection | Dobner & Kaser, in press | |  | |  | SR |
| **Hematology** |  | |  | |  |  |
| Anemia | Westmoreland et al., 2016 | |  | |  | NR |
| Leukopenia | Westmoreland et al., 2016 | |  | |  | NR |
| Thrombocytopenia | Westmoreland et al., 2016 | |  | |  | NR |
| **Dentistry** |  | |  | |  |  |
| Dental erosion | Hermont et al., 2014; Kisely, Baghaie, Lalloo, & Johnson, 2015 | | Hermont et al., 2014; Kisely et al., 2015; Westmoreland et al., 2016 | |  | NR; SR; MA |
| Decayed, missing and filled teeth or surfaces | Kisely et al., 2015 | | Kisely et al., 2015; Westmoreland et al., 2016 | |  | SR; MA |
| Dry mouth | Kisely et al., 2015 | | Kisely et al., 2015 | |  | SR; MA |
| **Endocrinology** |  | |  | |  |  |
| Hypogonadotropic hypogonadism with relative estrogen and androgen deficiency | Allaway, Southmayd, & De Souza, 2016; Donaldson & Gordon, 2015; Misra & Klibanski, 2016; Schorr & Miller, 2017; Westmoreland et al., 2016 | |  | |  | NR |
| Growth hormone resistance with low insulin-like growth factors 1 (IGF-1) | Fazeli & Klibanski, 2014; Misra & Klibanski, 2016; Schorr & Miller, 2017 | |  | |  | NR |
| Hyperaldosteronism |  | | Westmoreland et al., 2016 | |  | NR |
| Hypercortisolemia | Donaldson & Gordon, 2015; Misra & Klibanski, 2016; Schorr & Miller, 2017; Westmoreland et al., 2016 | |  | | Mitchell, 2016 | NR |
| Thyroid function (Low T3 syndrome) | Donaldson & Gordon, 2015; Schorr & Miller, 2017 | |  | |  | NR |
| Leptin | Hypoleptinemia  (Donaldson & Gordon, 2015; Schorr & Miller, 2017; Tortorella et al., 2014; Westmoreland et al., 2016) | | Elevated, normal, decreased  (Tortorella et al. 2014) | |  | NR |
| Adiponectin | Elevated  (Schorr and Miller 2017; Scheller et al. 2016; Khalil and El Hachem 2014; Tortorella et al. 2014) | | Elevated, normal, decreased  (Khalil & El Hachem, 2014) | | Decreased  (Khalil & El Hachem, 2014) | NR; SR |
| Hypo- and hypervitaminosis | Veronese et al., 2015; Westmoreland et al., 2016 | |  | |  | NR; MA |
| **Gastrointestinal peptides** |  | |  | |  |  |
| Cholecystokinin | Increased, normal  (Tortorella et al. 2014) | | Normal, decreased  (Tortorella et al. 2014) | |  | NR |
| Gastrin | Increased, decreased  (Tortorella et al. 2014) | |  | |  | NR |
| Ghrelin | Increased  (Misra & Klibanski, 2016; Müller & Tschöp, 2013; Schorr & Miller, 2017; Wittekind & Kluge, 2015) | | Increased  (Wittekind and Kluge 2015; Tortorella et al. 2014) | | Suppressed  (Wittekind & Kluge, 2015) | NR; SR |
| Plasma active ghrelin | Increased, decreased  (Tortorella et al. 2014) | |  | |  | NR |
| Glucagon-like peptide | Decreased  (Tortorella et al. 2014) | | Increased  (Tortorella et al. 2014) | |  | NR |
| Insulin | Increased, normal decreased  (Tortorella et al. 2014) | | Increased, decreased  (Tortorella et al. 2014) | |  | NR |
| Obestatin | Decreased, increased  (Tortorella et al. 2014) | | Increased, normal, decreased  (Tortorella et al. 2014) | |  | NR |
| Pancreatic polypeptide | Increased, normal  (Tortorella et al. 2014) | | Increased  (Tortorella et al. 2014) | |  | NR |
| Peptide YY | Increased, normal, decreased  (Schorr and Miller 2017; Misra and Klibanski 2016; Tortorella et al. 2014) | | Normal, decreased  (Tortorella et al. 2014) | |  | NR |
| Resistin | Normal, decreased  (Tortorella et al. 2014) | |  | |  |  |
| **Gastrointestinal symptoms** | |  | |  | |  |
| Postprandial fullness | Sato & Fukudo, 2015 | |  | |  | NR |
| Early satiety | Sato & Fukudo, 2015; Westmoreland et al., 2016 | |  | |  | NR |
| Postprandial distress syndrome | Sato & Fukudo, 2015 | |  | |  | NR |
| Altered esophageal motility | Sato & Fukudo, 2015; Weterle-Smolińska et al., 2015 | |  | |  | NR |
| Inflammation of the esophagus |  | | Mehler & Rylander, 2015 | |  | NR |
| Abdominal distention | Sato & Fukudo, 2015 | |  | |  | NR |
| Abdominal pain | Sato & Fukudo, 2015 | |  | |  | NR |
| Gastric acid reflux |  | | Westmoreland et al., 2016 | |  | NR |
| Gastric distension | Sato & Fukudo, 2015; Westmoreland et al., 2016 | |  | |  | NR |
| Mallory-Weiss tears |  | | Westmoreland et al., 2016 | |  | NR |
| Acute gastric dilatation | Westmoreland et al., 2016 | |  | | Sato & Fukudo, 2015 | NR |
| Gastric perforation |  | |  | | Sato & Fukudo, 2015 | NR |
| Delayed gastric emptying | Norris et al., 2016; Westmoreland et al., 2016; Weterle-Smolińska et al., 2015 | |  | |  | NR; SR |
| Superior mesenteric artery syndrome | Sato & Fukudo, 2015; Westmoreland et al., 2016 | |  | |  | NR |
| Irritable bowel syndrome | Sato & Fukudo, 2015 | |  | |  | NR |
| Functional constipation | Sato & Fukudo, 2015 | |  | |  | NR |
| Intestinal dysbiosis | Kleiman et al., 2015 | |  | |  | LRS |
| Celiac |  | |  | | Olguin et al., 2016 | SR |
| **Metabolism** |  | |  | |  |  |
| Diabetes Type 1 |  | |  | | Olguin et al., 2016 | SR |
| Diabetes Type 2 |  | | García-Mayor & García-Soidán, in press | | García-Mayor & García-Soidán, in press; Olguin et al., 2016; Racicka & Bryńska, 2015 | NR; SR |
| Electrolyte and acid-base abnormalities | Mehler & Walsh, 2016 | | Mehler & Walsh, 2016; Westmoreland et al., 2016 | |  | SR |
| Hyponatremia | Schorr & Miller, 2017 | |  | |  | NR |
| Hypokalemia |  | | Westmoreland et al., 2016 | |  | NR |
| Elevated liver transaminases | Westmoreland et al., 2016 | |  | |  | NR |
| Metabolic syndrome |  | |  | | Mitchell, 2016 | SR |
| Plasma tryptophan lowered during acute disease | Gauthier, Launay, Thiebaud, & Godart, 2015 | |  | |  | SR |
| **Nephrology** |  | |  | |  |  |
| Urinary urgency | Stheneur, Bergeron, & Lapeyraque, 2014 | |  | |  | SR |
| Urinary lithiasis | Stheneur et al., 2014 | |  | |  | SR |
| Nocturnal enuresis | Stheneur et al., 2014 | |  | |  | SR |
| **Neurology** |  | |  | |  |  |
| Epilepsy |  | |  | | Olguin et al., 2016 | SR |
| Idiopathic intracranial hypertension |  | |  | | Olguin et al., 2016 | SR |
| **Neuropeptides** |  | |  | |  |  |
| Agouti-related peptide | Increased  (Tortorella et al. 2014) | |  | |  | NR |
| Brain-derived neurotrophic factor | Decreased  (Tortorella et al. 2014) | | Decreased  (Tortorella et al. 2014) | |  | NR |
| Neuropeptide Y | Increased, normal, decreased  (Tortorella et al. 2014) | | Increased, normal  (Tortorella et al. 2014) | |  | NR |
| Oxytocin | Hypooxytocinemia  (Romano, Tempesta, Micioni Di Bonaventura, & Gaetani, 2015; Rutigliano et al., 2016; Schorr & Miller, 2017; Tortorella et al., 2014) | |  | |  | NR; SR; MA |
| Opioid peptides | Increased, decreased  (Tortorella et al. 2014) | | Increased, decreased  (Tortorella et al. 2014) | |  | NR |
| Somatostatin | Decreased, increased  (Tortorella et al. 2014) | |  | |  | NR |
| Vasopressin | Decreased  (Tortorella et al. 2014) | | Decreased  (Tortorella et al. 2014) | |  | NR |
| **Obstetrics and gynecology** |  | |  | |  |  |
| Menstrual disturbances | Kimmel, Ferguson, Zerwas, Bulik, & Meltzer-Brody, 2016 | | Kimmel et al., 2016 | | Kimmel et al., 2016 | SR |
| Infertility |  | | Kimmel et al., 2016 | |  | SR |
| Unplanned pregnancy | Kimmel et al., 2016 | | Kimmel et al., 2016 | |  | SR |
| Miscarriage | Kimmel et al., 2016 | | Kimmel et al., 2016 | | Kimmel et al., 2016 | SR |
| Poor nutrition during pregnancy | Kimmel et al., 2016 | |  | | Kimmel et al., 2016 | SR |
| Hyperemesis gravidarum |  | | Kimmel et al., 2016 | |  | SR |
| Sexual dysfunction | Kimmel et al., 2016 | | Kimmel et al., 2016 | | Kimmel et al., 2016 | SR |
| Earlier cessation of breastfeeding | Kimmel et al., 2016 | |  | |  | SR |
| Polycystic ovarian syndrome |  | | Kimmel et al., 2016 | | Kimmel et al., 2016; Olguin et al., 2016 | SR |
| Gynecologic cancers | Kimmel et al., 2016 | |  | | Kimmel et al., 2016 | SR |
| **Otolaryngology (Ear, nose, and throat)** | | |  | |  |  |
| Dysphagia | Westmoreland et al., 2016 | | Westmoreland et al., 2016 | |  | NR |
| Epistaxis |  | | Westmoreland et al., 2016 | |  | NR |
| Lagophthalmos | Westmoreland et al., 2016 | |  | |  | NR |
| Laryngitis |  | | Mehler & Rylander, 2015 | |  | NR |
| Olfaction | Islam et al., 2015 | |  | |  | SR |
| Parotid gland enlargement |  | | Westmoreland et al., 2016 | |  | NR |
| Pharyngitis |  | | Mehler & Rylander, 2015 | |  | NR |
| Sialadenosis |  | | Westmoreland et al., 2016 | |  | NR |
| Vocal cord inflammation |  | | Westmoreland et al., 2016 | |  | NR |
| **Psychiatric Comorbidities and Psychosocial Manifestations** | | | | | | |
| Attention deficit hyperactivity disorder | Nazar et al., 2016; Ptacek et al., 2016 | | Levin & Rawana, 2016; Nazar et al., 2016; Ptacek et al., 2016 | | Levin & Rawana, 2016; Nazar et al., 2016 | NR, SR, MA |
| Adverse life experiences |  | |  | | Palmisano, Innamorati, & Vanderlinden, 2016 | SR |
| Anxiety | Jenkins, Hoste, Meyer, & Blissett, 2011; Kezelman, Touyz, Hunt, & Rhodes, 2015 | | Jenkins et al., 2011 | | Jenkins et al., 2011 | SR |
| Autistic traits | Westwood et al., 2016 | |  | |  | SR, MA |
| Bipolar disorder |  | | Álvarez Ruiz & Gutiérrez-Rojas, 2015 | | Álvarez Ruiz & Gutiérrez-Rojas, 2015 | SR |
| Body image disturbances | Legenbauer, Thiemann, & Vocks, 2014 | | Legenbauer et al., 2014 | |  | NR |
| Childhood abuse |  | | Caslini et al., 2016 | | Caslini et al., 2016; Palmisano et al., 2016 | SR, MA |
| Depression | Abbate-Daga et al., 2015; Puccio, Fuller-Tyszkiewicz, Ong, & Krug, 2016 | | Puccio et al., 2016 | | Puccio et al., 2016 | NR; SR, MA |
| Interpersonal problems | Jones, Lindekilde, Lübeck, & Clausen, 2015 | | Jones et al., 2015 | |  | SR |
| Non-suicidal self-injury | Cucchi et al., 2016 | | Cucchi et al., 2016 | |  | SR, MA |
| Perinatal depression and anxiety | Kimmel et al., 2016 | | Kimmel et al., 2016 | | Kimmel et al., 2016 | SR |
| Personality disorders | Martinussen et al., 2016; Rotella, Fioravanti, & Ricca, 2016 | | Martinussen et al., 2016; Rotella et al., 2016 | | Friborg et al., 2014; Gerlach, Loeber, & Herpertz, 2016; Rotella et al., 2016 | SR, MA |
| Psychotic experiences | Kouidrat, Amad, Lalau, & Loas, 2014; McGrath et al., 2016 | |  | |  | RCS; SR |
| Reduced quality of life | Ágh et al., 2016; Jenkins et al., 2011; Winkler et al., 2014 | | Ágh et al., 2016; Jenkins et al., 2011; Winkler et al., 2014 | | Ágh et al., 2016; Jenkins et al., 2011; Winkler et al., 2014 | SR, MA |
| Schizophrenia | Kouidrat et al., 2014 | | Kouidrat et al., 2014 | | Kouidrat et al., 2014 | SR |
| Sexual dysfunction | Castellini, Lelli, Ricca, & Maggi, 2016; Kimmel et al., 2016; Waldinger, 2015 | | Castellini et al., 2016; Kimmel et al., 2016; Waldinger, 2015 | | Castellini et al., 2016; Kimmel et al., 2016 | NR, SR |
| Sexual trauma | Madowitz, Matheson, & Liang, 2015 | | Madowitz et al., 2015 | | Madowitz et al., 2015 | SR |
| Shame/Guilt | Jenkins et al., 2011 | | Jenkins et al., 2011 | | Jenkins et al., 2011 | SR |
| Sleep disturbances | Allison, Spaeth, & Hopkins, 2016 | | Allison et al., 2016 | | Allison et al., 2016; Olguin et al., 2016 | NR, SR |
| Smoking |  | | Solmi, Veronese, Sergi, et al., 2016 | | Solmi, Veronese, Sergi, et al., 2016 | SR, MA |
| Substance use disorder | Cucchi et al., 2016 | | Cucchi et al., 2016 | | Schreiber, Odlaug, & Grant, 2013 | SR, MA |
| Suicidality | Cucchi et al., 2016 | | Cucchi et al., 2016 | |  | SR, MA |

NR: Narrative review; SR: Systematic review; MA: Meta-analysis; LRS: Longitudinal refeeding study; RCS: Retrospective cohort study

**References for Supplementary Table S3**

Abbate-Daga, G., Buzzichelli, S., Marzola, E., Aloi, M., Amianto, F., & Fassino, S. (2015). Does depression matter in neuropsychological performances in anorexia nervosa? A descriptive review. *International Journal of Eating Disorders*, *48*, 736–745. https://doi.org/10.1002/eat.22399

Achamrah, N., Coëffier, M., & Déchelotte, P. (2016). Physical activity in patients with anorexia nervosa. *Nutrition Reviews*, *74*, 301–311.

Ágh, T., Kovács, G., Supina, D., Pawaskar, M., Herman, B. K., Vokó, Z., et al. (2016). A systematic review of the health-related quality of life and economic burdens of anorexia nervosa, bulimia nervosa, and binge eating disorder. *Eating and Weight Disorders*, *21*, 353–364. https://doi.org/10.1093/nutrit/nuw001

Allaway, H. C. M., Southmayd, E. A., & De Souza, M. J. (2016). The physiology of functional hypothalamic amenorrhea associated with energy deficiency in exercising women and in women with anorexia nervosa. *Hormone Molecular Biology and Clinical Investigation*, *25*, 91–119. https://doi.org/10.1515/hmbci-2015-0053

Allison, K. C., Spaeth, A., & Hopkins, C. M. (2016). Sleep and eating disorders. *Current Psychiatry Reports*, *18*, 92. https://doi.org/10.1007/s11920-016-0728-8

Álvarez Ruiz, E. M., & Gutiérrez-Rojas, L. (2015). Comorbidity of bipolar disorder and eating disorders. *Revista de Psiquiatria y Salud Mental*, *8*, 232–241. https://doi.org/10.1016/j.jad.2004.11.008

Caslini, M., Bartoli, F., Crocamo, C., Dakanalis, A., Clerici, M., & Carrà, G. (2016). Disentangling the association between child abuse and eating disorders: A systematic review and meta-analysis. *Psychosomatic Medicine*, *78*, 79–90. https://doi.org/10.1097/PSY.0000000000000233

Castellini, G., Lelli, L., Ricca, V., & Maggi, M. (2016). Sexuality in eating disorders patients: Etiological factors, sexual dysfunction and identity issues. A systematic review. *Hormone Molecular Biology and Clinical Investigation*, *25*, 71–90. https://doi.org/10.1515/hmbci-2015-0055

Cucchi, A., Ryan, D., Konstantakopoulos, G., Stroumpa, S., Kaçar, A. Ş., Renshaw, S., et al. (2016). Lifetime prevalence of non-suicidal self-injury in patients with eating disorders: A systematic review and meta-analysis. *Psychological Medicine*, *46*, 1345–1358. https://doi.org/10.1017/S0033291716000027

Dobner, J., & Kaser, S. (In Press). Body mass index and the risk of infection - from underweight to obesity. *Clinical Microbiology and Infection.* https://doi.org/10.1016/j.cmi.2017.02.013

Donaldson, A. A., & Gordon, C. M. (2015). Skeletal complications of eating disorders. *Metabolism: Clinical and Experimental*, *64*, 943–951. https://doi.org/10.1016/j.metabol.2015.06.007

El Ghoch, M., Calugi, S., Lamburghini, S., & Dalle Grave, R. (2014). Anorexia nervosa and body fat distribution: A systematic review. *Nutrients*, *6*, 3895–3912. https://doi.org/10.3390/nu6093895

El Ghoch, M., Gatti, D., Calugi, S., Viapiana, O., Bazzani, P. V., & Dalle Grave, R. (2016). The association between weight gain/restoration and bone mineral density in adolescents with anorexia nervosa: A systematic review. *Nutrients*, *8*, 769. https://doi.org/10.3390/nu8120769

Fazeli, P. K., & Klibanski, A. (2014). Determinants of GH resistance in malnutrition. *Journal of Endocrinology*, *220*, R57–65. https://doi.org/10.1530/JOE-13-0477

Friborg, O., Martinussen, M., Kaiser, S., Øvergård, K. T., Martinsen, E. W., Schmierer, P., et al. (2014). Personality disorders in eating disorder not otherwise specified and binge eating disorder: A meta-analysis of comorbidity studies. *Journal of Nervous and Mental Disease*, *202*, 119–125. https://doi.org/10.1097/NMD.0000000000000080

García-Mayor, R. V., & García-Soidán, F. J. (In Press). Eating disorders in type 2 diabetic people: Brief review. *Diabetes & Metabolic Syndrome*. https://doi.org/10.1016/j.dsx.2016.08.004

Gauthier, C., Launay, J.-M., Thiebaud, M.-R., & Godart, N. (2015). The Impact of malnutrition on the peripheral serotoninergic system in anorexia nervosa: A systematic review. *Current Psychiatry Reviews*, *11*, 8–18. https://doi.org/10.2174/1573400510666140619211433

Gerlach, G., Loeber, S., & Herpertz, S. (2016). Personality disorders and obesity: A systematic review. *Obesity Reviews*, *17*, 691–723. https://doi.org/10.1111/obr.12415

Greco, E. A., Lenzi, A., & Migliaccio, S. (2016). The pathophysiological basis of bone tissue alterations associated with eating disorders. *Hormone Molecular Biology and Clinical Investigation, 28,* 121-132. https://doi.org/10.1515/hmbci-2016-0006

Gümmer, R., Giel, K. E., Schag, K., Resmark, G., Junne, F. P., Becker, S., et al. (2015). High levels of physical activity in anorexia nervosa: A systematic review. *European Eating Disorders Review*, *23*, 333–344. https://doi.org/10.1002/erv.2377

Hardouin, P., Rharass, T., & Lucas, S. (2016). Bone marrow adipose tissue: To be or not to be a typical adipose tissue? *Frontiers in Endocrinology*, *7*, 85. https://doi.org/10.3389/fendo.2016.00085

Hermont, A. P., Oliveira, P. A. D., Martins, C. C., Paiva, S. M., Pordeus, I. A., & Auad, S. M. (2014). Tooth erosion and eating disorders: A systematic review and meta-analysis. *PloS One*, *9*, e111123. https://doi.org/10.1371/journal.pone.0111123

Islam, M. A., Fagundo, A. B., Arcelus, J., Agüera, Z., Jiménez-Murcia, S., Fernández-Real, J. M., et al. (2015). Olfaction in eating disorders and abnormal eating behavior: A systematic review. *Frontiers in Psychology*, *6*, 1431. https://doi.org/ 10.3389/fpsyg.2015.01431

Jenkins, P. E., Hoste, R. R., Meyer, C., & Blissett, J. M. (2011). Eating disorders and quality of life: A review of the literature. *Clinical Psychology Review*, *31*, 113–121. https://doi.org/10.1016/j.cpr.2010.08.003

Jones, A., Lindekilde, N., Lübeck, M., & Clausen, L. (2015). The association between interpersonal problems and treatment outcome in the eating disorders: A systematic review. *Nordic Journal of Psychiatry*, *69*, 563–573. https://doi.org/10.3109/08039488.2015.1019924

Kezelman, S., Touyz, S., Hunt, C., & Rhodes, P. (2015). Does anxiety improve during weight restoration in anorexia nervosa? A systematic review. *Journal of Eating Disorders*, *3*, 7. https://doi.org/10.1186/s40337-015-0046-2

Khalil, R. B., & El Hachem, C. (2014). Adiponectin in eating disorders. *Eating and Weight Disorders*, *19*, 3–10. https://doi.org/10.1007/s40519-013-0094-z

Kimmel, M. C., Ferguson, E. H., Zerwas, S., Bulik, C. M., & Meltzer-Brody, S. (2016). Obstetric and gynecologic problems associated with eating disorders. *International Journal of Eating Disorders*, *49*, 260–275. https://doi.org/10.1002/eat.22483

Kisely, S., Baghaie, H., Lalloo, R., & Johnson, N. W. (2015). Association between poor oral health and eating disorders: Systematic review and meta-analysis. *British Journal of Psychiatry*, *207*, 299–305. https://doi.org/10.1192/bjp.bp.114.156323

Kleiman, S. C., Watson, H. J., Bulik-Sullivan, E. C., Huh, E. Y., Tarantino, L. M., Bulik, C. M., et al. (2015). The intestinal microbiota in acute anorexia nervosa and during renourishment: Relationship to depression, anxiety, and eating disorder psychopathology. *Psychosomatic Medicine*, *77*, 969–981. https://doi.org/10.1097/PSY.0000000000000247

Kouidrat, Y., Amad, A., Lalau, J.-D., & Loas, G. (2014). Eating disorders in schizophrenia: Implications for research and management. *Schizophrenia Research and Treatment*, *2014*, 791573. https://doi.org/10.1155/2014/791573

Lamzabi, I., Syed, S., Reddy, V. B., Jain, R., Harbhajanka, A., & Arunkumar, P. (2015). Myocardial changes in a patient with anorexia nervosa: A case report and review of literature. *American Journal of Clinical Pathology*, *143*, 734–737. https://doi.org/10.1309/AJCP4PLFF1TTKENT

Legenbauer, T., Thiemann, P., & Vocks, S. (2014). Body image disturbance in children and adolescents with eating disorders. Current evidence and future directions. *Zeitschrift für Kinder- und Jugendpsychiatrie und Psychotherapie*, *42*, 51–59. https://doi.org/10.1024/1422-4917/a000269

Levin, R. L., & Rawana, J. S. (2016). Attention-deficit/hyperactivity disorder and eating disorders across the lifespan: A systematic review of the literature. *Clinical Psychology Review*, *50*, 22–36. https://doi.org/10.1016/j.cpr.2016.09.010

Madowitz, J., Matheson, B. E., & Liang, J. (2015). The relationship between eating disorders and sexual trauma. *Eating and Weight Disorders*, *20*, 281–293. https://doi.org/10.1007/s40519-015-0195-y.

Martinussen, M., Friborg, O., Schmierer, P., Kaiser, S., Øvergård, K. T., Neunhoeffer, A.-L., et al. (2016). The comorbidity of personality disorders in eating disorders: A meta-analysis. *Eating and Weight Disorders,* 1-9. https://doi.org/10.1007/s40519-016-0345-x

McGrath, J. J., Saha, S., Al-Hamzawi, A., Andrade, L., Benjet, C., Bromet, E. J., et al. (2016). The bidirectional associations between psychotic experiences and DSM-IV mental disorders. *American Journal of Psychiatry*, *173*, 997–1006. https://doi.org/10.1176/appi.ajp.2016.15101293

Mehler, P. S., & Rylander, M. (2015). Bulimia nervosa - medical complications. *Journal of Eating Disorders*, *3*, 12. https://doi.org/10.1186/s40337-015-0044-4

Mehler, P. S., & Walsh, K. (2016). Electrolyte and acid-base abnormalities associated with purging behaviors. *International Journal of Eating Disorders*, *49*, 311–318. https://doi.org/10.1002/eat.22503

Misra, M., Golden, N. H., & Katzman, D. K. (2016). State of the art systematic review of bone disease in anorexia nervosa. *International Journal of Eating Disorders*, *49*, 276–292. https://doi.org/10.1002/eat.22451

Misra, M., & Klibanski, A. (2016). Anorexia nervosa and its associated endocrinopathy in young people. *Hormone Research in Pediatrics, 85*, 147-157. https://doi.org/10.1159/000443735

Mitchell, J. E. (2016). Medical comorbidity and medical complications associated with binge-eating disorder. *International Journal of Eating Disorders*, *49*, 319–323. https://doi.org/10.1002/eat.22452

Müller, T. D., & Tschöp, M. H. (2013). Ghrelin - a key pleiotropic hormone-regulating systemic energy metabolism. *Endocrine Development*, *25*, 91–100. https://doi.org/10.1159/000346590

Nazar, B. P., Bernardes, C., Peachey, G., Sergeant, J., Mattos, P., & Treasure, J. (2016). The risk of eating disorders comorbid with attention-deficit/hyperactivity disorder: A systematic review and meta-analysis. *International Journal of Eating Disorders*, *49*, 1045–1057. https://doi.org/10.1002/eat.22643

Norris, M. L., Harrison, M. E., Isserlin, L., Robinson, A., Feder, S., & Sampson, M. (2016). Gastrointestinal complications associated with anorexia nervosa: A systematic review. *International Journal of Eating Disorders*, *49*, 216–237. https://doi.org/10.1002/eat.22462

Olguin, P., Fuentes, M., Gabler, G., Guerdjikova, A. I., Keck, P. E., Jr., & McElroy, S. L. (2016). Medical comorbidity of binge eating disorder. *Eating and Weight Disorders, 22,* 13-26. https://doi.org/10.1007/s40519-016-0313-5

Palmisano, G. L., Innamorati, M., & Vanderlinden, J. (2016). Life adverse experiences in relation with obesity and binge eating disorder: A systematic review. *Journal of Behavioral Addictions*, *5*, 11–31. https://doi.org/10.1556/2006.5.2016.018

Peschel, S. K. V., Feeling, N. R., Vögele, C., Kaess, M., Thayer, J. F., & Koenig, J. (2016a). A meta-analysis on resting state high-frequency heart rate variability in bulimia nervosa. *European Eating Disorders Review*, *24*, 355–365. https://doi.org/10.1002/erv.2454

Peschel, S. K. V., Feeling, N. R., Vögele, C., Kaess, M., Thayer, J. F., & Koenig, J. (2016b). A systematic review on heart rate variability in bulimia nervosa. *Neuroscience and Biobehavioral Reviews*, *63*, 78–97. https://doi.org/10.1016/j.neubiorev.2016.01.012

Ptacek, R., Stefano, G. B., Weissenberger, S., Akotia, D., Raboch, J., Papezova, H., et al. (2016). Attention deficit hyperactivity disorder and disordered eating behaviors: Links, risks, and challenges faced. *Neuropsychiatric Disease and Treatment*, *12*, 571–579. https://doi.org/10.2147/NDT.S68763

Puccio, F., Fuller-Tyszkiewicz, M., Ong, D., & Krug, I. (2016). A systematic review and meta-analysis on the longitudinal relationship between eating pathology and depression. *International Journal of Eating Disorders*, *49*, 439–454. https://doi.org/10.1002/eat.22506

Racicka, E., & Bryńska, A. (2015). Eating disorders in children and adolescents with Type 1 and Type 2 Diabetes: Prevalence, risk factors, warning signs. *Psychiatria Polska*, *49*, 1017–1024. https://doi.org/10.12740/PP/39536

Robinson, L., Aldridge, V., Clark, E. M., Misra, M., & Micali, N. (2016). A systematic review and meta-analysis of the association between eating disorders and bone density. *Osteoporosis International, 27*, 1953-1966. https://doi.org/10.1007/s00198-015-3468-4

Romano, A., Tempesta, B., Micioni Di Bonaventura, M. V., & Gaetani, S. (2015). From autism to eating disorders and more: The role of oxytocin in neuropsychiatric disorders. *Frontiers in Neuroscience*, *9*, 497. https://doi.org/10.3389/fnins.2015.00497

Rotella, F., Fioravanti, G., & Ricca, V. (2016). Temperament and personality in eating disorders. *Current Opinion in Psychiatry*, *29*, 77–83. https://doi.org/10.1097/YCO.0000000000000212

Rutigliano, G., Rocchetti, M., Paloyelis, Y., Gilleen, J., Sardella, A., Cappucciati, M., et al. (2016). Peripheral oxytocin and vasopressin: Biomarkers of psychiatric disorders? A comprehensive systematic review and preliminary meta-analysis. *Psychiatry Research*, *241*, 207–220. https://doi.org/10.1016/j.psychres.2016.04.117

Sachs, K. V., Harnke, B., Mehler, P. S., & Krantz, M. J. (2016). Cardiovascular complications of anorexia nervosa: A systematic review. *International Journal of Eating Disorders*, *49*, 238–248. https://doi.org/10.1002/eat.22481

Sato, Y., & Fukudo, S. (2015). Gastrointestinal symptoms and disorders in patients with eating disorders. *Clinical Journal of Gastroenterology*, *8*, 255–263. https://doi.org/10.1007/s12328-015-0611-x

Scheller, E. L., Burr, A. A., MacDougald, O. A., & Cawthorn, W. P. (2016). Inside out: Bone marrow adipose tissue as a source of circulating adiponectin. *Adipocyte*, *5*, 251–269. https://doi.org/10.1080/21623945.2016.1149269

Schorr, M., & Miller, K. K. (2017). The endocrine manifestations of anorexia nervosa: Mechanisms and management. *Nature Reviews. Endocrinology*, *13*, 174–186. https://doi.org/10.1038/nrendo.2016.175

Schreiber, L. R. N., Odlaug, B. L., & Grant, J. E. (2013). The overlap between binge eating disorder and substance use disorders: Diagnosis and neurobiology. *Journal of Behavioral Addictions*, *2*, 191–198. https://doi.org/10.1556/JBA.2.2013.015

Seitz, J., Bühren, K., von Polier, G. G., Heussen, N., Herpertz-Dahlmann, B., & Konrad, K. (2014). Morphological changes in the brain of acutely ill and weight-recovered patients with anorexia nervosa. A meta-analysis and qualitative review. *Zeitschrift für Kinder- und Jugendpsychiatrie und Psychotherapie*, *42*, 7–17. https://doi.org/10.1024/1422-4917/a000265

Solmi, M., Veronese, N., Correll, C. U., Favaro, A., Santonastaso, P., Caregaro, L., et al. (2016). Bone mineral density, osteoporosis, and fractures among people with eating disorders: A systematic review and meta-analysis. *Acta Psychiatrica Scandinavica*, *133*, 341–351. https://doi.org/10.1111/acps.12556

Solmi, M., Veronese, N., Sergi, G., Luchini, C., Favaro, A., Santonastaso, P., et al. (2016). The association between smoking prevalence and eating disorders: A systematic review and meta-analysis. *Addiction*, *111*, 1914–1922. https://doi.org/10.1111/add.13457

Spaulding-Barclay, M. A., Stern, J., & Mehler, P. S. (2016). Cardiac changes in anorexia nervosa. *Cardiology in the Young*, *26*, 623–628. https://doi.org/10.1017/S104795111500267X

Stheneur, C., Bergeron, S., & Lapeyraque, A.-L. (2014). Renal complications in anorexia nervosa. *Eating and Weight Disorders*, *19*, 455–460. https://doi.org/10.1007/s40519-014-0138-z

Thornton, D., & Gordon, C. M. (2016). Restrictive eating disorders and skeletal health in adolescent girls and young women. *Calcified Tissue International*. https://doi.org/10.1007/s00223-016-0164-0

Titova, O. E., Hjorth, O. C., Schiöth, H. B., & Brooks, S. J. (2013). Anorexia nervosa is linked to reduced brain structure in reward and somatosensory regions: A meta-analysis of VBM studies. *BMC Psychiatry*, *13*, 110. https://doi.org/10.1186/1471-244X-13-110

Tortorella, A., Brambilla, F., Fabrazzo, M., Volpe, U., Monteleone, A. M., Mastromo, D., et al. (2014). Central and peripheral peptides regulating eating behaviour and energy homeostasis in anorexia nervosa and bulimia nervosa: a literature review. *European Eating Disorders Review*, *22*, 307–320. https://doi.org/10.1002/erv.2303

Veronese, N., Solmi, M., Rizza, W., Manzato, E., Sergi, G., Santonastaso, P., et al. (2015). Vitamin D status in anorexia nervosa: A meta-analysis. *International Journal of Eating Disorders*, *48*, 803–813. https://doi.org/10.1002/eat.22370

Waldinger, M. D. (2015). Psychiatric disorders and sexual dysfunction. *Handbook of Clinical Neurology*, *130*, 469–489. https://doi.org/10.1016/B978-0-444-63247-0.00027-4

Westmoreland, P., Krantz, M. J., & Mehler, P. S. (2016). Medical complications of anorexia nervosa and bulimia. *American Journal of Medicine*, *129*, 30–37. https://doi.org/10.1097/01.yco.0000228768.79097.3e

Westwood, H., Eisler, I., Mandy, W., Leppanen, J., Treasure, J., & Tchanturia, K. (2016). Using the autism-spectrum quotient to measure autistic traits in anorexia nervosa: A systematic review and meta-analysis. *Journal of Autism and Developmental Disorders*, *46*, 964–977. https://doi.org/10.1007/s10803-015-2641-0

Weterle-Smolińska, K. A., Banasiuk, M., Dziekiewicz, M., Ciastoń, M., Jagielska, G., & Banaszkiewicz, A. (2015). Gastrointestinal motility disorders in patients with anorexia nervosa - a review of the literature. *Psychiatria Polska*, *49*, 721–729. https://doi.org/10.12740/PP/35482

Winkler, L. A.-D., Christiansen, E., Lichtenstein, M. B., Hansen, N. B., Bilenberg, N., & Støving, R. K. (2014). Quality of life in eating disorders: A meta-analysis. *Psychiatry Research*, *219*, 1–9. https://doi.org/10.1016/j.psychres.2014.05.002

Wittekind, D. A., & Kluge, M. (2015). Ghrelin in psychiatric disorders - A review. *Psychoneuroendocrinology*, *52*, 176–194. https://doi.org/10.1016/j.psyneuen.2014.11.013