

## Adipositas-Chirurgie – ein narratives Review

Stephan Herpertz, Sebastian Jongen & Henrik Kessler

Aasprang, A., Andersen, J.R., Vage, V., Kolotkin, R.L., Natvig, G.K. (2013). Five-year changes in health-related quality of life after biliopancreatic diversion with duodenal switch. *Obes Surg*, 23, 1662–1668.

Adams, C.E., Myers, V.H., Barbera, B.L., Brantley, P.J. (2011). The Role of Fear of Negative Evaluation in Predicting Depression and Quality of Life Four Years after Bariatric Surgery in Women. *Psych*, 2, 150–154.

Adams, T.D., Davidson, L.E., Litwin, S.E., Kolotkin, R.L., LaMonte, M.J., Pendleton, R.C., Strong, M.B., Vinik, R., Wanner, N.A., Hopkins, P.N., Gress, R.E., Walker, J.M., Cloward, T.V., Nuttall, R.T., Hammoud, A., Greenwood, J.L.J., Crosby, R.D., McKinlay, R., Simper, S.C., Smith, S.C., Hunt, S.C. (2012). Health benefits of gastric bypass surgery after 6 years. *JAMA*, 308, 1122–1131.

Adams, T.D., Gress, R.E., Smith, S.C., Halverson, R.C., Simper, S.C., Rosamond, W.D., LaMonte, M.J., Stroup, A.M., Hunt, S.C. (2007). Long-term mortality after gastric bypass surgery. *N Engl J Med*, 357, 753–761.

Allison, K.C., Wadden, T.A., Sarwer, D.B., Fabricatore, A.N., Crerand, C.E., Gibbons, L.M., Stack, R.M., Stunkard, A.J., Williams, N.N. (2006). Night eating syndrome and binge eating disorder among persons seeking bariatric surgery. Prevalence and related features. *Surg Obes Relat Dis*, 2, 153-158.

Ambwani, S., Boeka, A.G., Brown, J.D., Byrne, T.K., Budak, A.R., Sarwer, D.B., Fabricatore, A.N., Morey, L.C., O'Neil, P.M. (2013). Socially desirable responding by bariatric surgery candidates during psychological assessment. *Surg Obes Relat Dis*, 9, 300–305.

Andersen, J.R., Aasprang, A., Karlsen, T.-I., Natvig, G.K., Vage, V., Kolotkin, R.L. (2015). Health-related quality of life after bariatric surgery. A systematic review of prospective long-term studies. *Surg Obes Relat Dis*, 11, 466–473.

Angrisani, L., Santonicola, A., Iovino, P., Formisano, G., Buchwald, H., Scopinaro, N. (2015). Bariatric Surgery Worldwide 2015. *Obes Surg*, 25, 1822–1832.

Anthone, G.J., Lord, R.V.N., DeMeester, T.R., Crookes, P.F. (2003). The duodenal switch operation for the treatment of morbid obesity. *Ann Surg*, 238, 618-27; Discussion 627-8.

Ashton, D., Favretti, F., Segato, G. (2008). Preoperative psychological testing--another form of prejudice. *Obes Surg*, 18, 1330–1337.

Averbukh, Y., Heshka, S., El-Shoreya, H., Flancbaum, L., Geliebter, A., Kamel, S., Pi-Sunyer, F.X., Laferrere, B. (2003). Depression score predicts weight loss following Roux-en-Y gastric bypass. *Obes Surg*, 13, 833–836.

Barmer GEK Report Krankenhaus (2016). Online unter: [www.barmer-gek.de/547377](http://www.barmer-gek.de/547377) Zugriff: 15.04.2017

Bauchowitz, A.U., Gonder-Frederick, L.A., Olbrisch, M.-E., Azarbad, L., Ryee, M.-Y., Woodson, M., Miller, A., Schirmer, B. (2005). Psychosocial evaluation of bariatric surgery candidates. A survey of present practices. *Psychosom Med*, 67, 825–832.

Bhatti, J.A., Nathens, A.B., Thiruchelvam, D., Grantcharov, T., Goldstein, B.I., Redelmeier, D.A. (2016). Self-harm Emergencies After Bariatric Surgery: A Population-Based Cohort Study. *JAMA Surg*, 151, 226–232.

Blum K, Bailey J, Gonzalez A.M, Oscar-Berman M, Liu Y, Giordano J, Braverman E, Gold M. (2011). Neuro-Genetics of Reward Deficiency Syndrome (RDS) as the Root Cause of "Addiction Transfer": A New Phenomenon Common after Bariatric Surgery. *J Genet Syndr Gene Ther*, 23, 1-21

Blüher, M., Sharma A.M. (2016). Edmonton Obesity Staging System (EOSS) der Interventionsbedürftigkeit bei Adipositas. Ein Instrument zur Differenzierung der Adipositas-Schweregrade. *Kliniker*, 45, 522-524

Booth, H., Khan, O., Prevost, A.T., Reddy, M., Charlton, J., Gulliford, M.C. (2015). Impact of bariatric surgery on clinical depression. Interrupted time series study with matched controls. *J Affect Disord* 174, 644–649.

Bruschi Kelles, S.M., Diniz, M.F.H.S., Machado, C.J., Barreto, S.M. (2014): Mortality rate after open Roux-in-Y gastric bypass: a 10-year follow-up. *Braz J Med Biol Res*, 47, 617–625.

Buffington, C.K. (2007): Alcohol use and health risks: survey results. *Bar Times* 4, 21–23.

Burgmer, R., Legenbauer, T., Muller, A., Zwaan, M. de, Fischer, C., Herpertz, S. (2014). Psychological outcome 4 years after restrictive bariatric surgery. *Obes Surg*, 24, 1670–1678

Burgmer, R., Petersen, I., Burgmer, M., Zwaan, M. de, Wolf, A.M., Herpertz, S. (2007). Psychological outcome two years after restrictive bariatric surgery. *Obes Surg*, 17, 785–791

Canetti, L., Bachar, E., Bonne, O. (2016). Deterioration of mental health in bariatric surgery after 10 years despite successful weight loss. *Eur J Clin Nutr*, 70, 17–22.

Chau, W.Y., Schmidt, H.J., Kouli, W., Davis, D., Wasielewski, A., Ballantyne, G.H. (2005). Patient characteristics impacting excess weight loss following laparoscopic adjustable gastric banding. *Obes Surg*, 15, 346–350.

Clark, M.M., Hanna, B.K., Mai, J.L., Graszer, K.M., Krochta, J.G., McAlpine, D.E., Reading, S., Abu-Lebdeh, H.S., Jensen, M.D., Sarr, M.G. (2007). Sexual abuse survivors and psychiatric hospitalization after bariatric surgery. *Obes Surg*, 17, 465–469.

Colles, S.L., Dixon, J.B., O'Brien, P.E. (2008). Grazing and loss of control related to eating. Two high-risk factors following bariatric surgery. *Obesity (Silver Spring)*, 16, 615–622.

Conason, A., Teixeira, J., Hsu, C.-H., Puma, L., Knafo, D., Geliebter, A. (2013). Substance use following bariatric weight loss surgery. *JAMA Surgery*, 148, 145–150.

[Psychotherapeutenjournal 4/2019, S. 380–387.](#)

Cremieux, P.-Y., Ledoux, S., Clerici, C., Cremieux, F., Buessing, M. (2010). The impact of bariatric surgery on comorbidities and medication use among obese patients. *Obes Surg*, 20, 861–870.

Dansinger, M.L., Tatsioni, A., Wong, J.B., Chung, M., Balk, E.M. (2007): Meta-analysis. The effect of dietary counseling for weight loss. *Ann Intern Med* 147, 41–50.

Dawes, A.J., Maggard-Gibbons, M., Maher, A.R., Booth, M.J., Miake-Lye, I., Beroes, J.M., Shekelle, P.G. (2016). Mental Health Conditions Among Patients Seeking and Undergoing Bariatric Surgery: A Meta-analysis. *JAMA*, 315, 150–163.

Destatis (2015). Database query from 19th February 2016: Bariatric surgical interventions in Germany in 2014. Wiesbaden: German Federal Statistical Office

Deutsche Adipositas Gesellschaft, Deutsche Gesellschaft für Psychosomatische Medizin und Psychotherapie, Deutsche Gesellschaft für Ernährungstherapie S3-Leitlinie: Chirurgie der Adipositas (2010). Online unter: <http://www.adipositasgesellschaft.de/fileadmin/PDF/Leitlinien/ADIP-6-2010.pdf> Zugriff: 15.04.2017

Diniz, M.d.e.F., Passos, V.M., Barreto, S.M., Linares, D.B., Almeida, S.R. de, Rocha, A.L., Diniz, M.T. (2009). Different criteria for assessment of Roux-en-Y gastric bypass success. Does only weight matter? *Obes Surg*, 19, 1384–1392.

Dixon, J.B., Dixon, M.E., O'Brien, P.E. (2001). Pre-operative predictors of weight loss at 1-year after Lap-Band surgery. *Obes Surg*, 11, 200–207.

Dixon, J.B., Eaton, L.L., Vincent, V., Michaelson, R. (2016). LAP-BAND for BMI 30-40. 5-year health outcomes from the multicenter pivotal study. *Int J Obes*, 40, 291–298.

Dixon, J.B., Dixon, M.E., O'Brien, P.E. (2003). Depression in association with severe obesity. Changes with weight loss. *Arch Intern Med*, 163, 2058–2065.

Dow, C.A., Thomson, C.A., Flatt, S.W., Sherwood, N.E., Pakiz, B., Rock, C.L. (2013). Predictors of improvement in cardiometabolic risk factors with weight loss in women. *J Am Heart Assoc*, 2, e000152.

Dubovsky, S.L., Haddenhorst, A., Murphy, J., Liechty, R.D., Coyle, D.A. (1985-1986). A preliminary study of the relationship between preoperative depression and weight loss following surgery for morbid obesity. *Int J Psychiatry Med*, 15, 185–196.

El Chaar, M., McDeavitt, K., Richardson, S., Gersin, K.S., Kuwada, T.S., Stefanidis, D. (2011). Does patient compliance with preoperative bariatric office visits affect postoperative excess weight loss? *Surg Obes Relat Dis*, 7, 743–748.

Ertelt, T.W., Mitchell, J.E., Lancaster, K., Crosby, R.D., Steffen, K.J., Marino, J.M. (2008). Alcohol abuse and dependence before and after bariatric surgery. A review of the literature and report of a new data set. *Surg Obes Relat Dis*, 4, 647–650.

Faith, M.S., Butryn, M., Wadden, T.A., Fabricatore, A., Nguyen, A.M., Heymsfield, S.B. (2011). Evidence for prospective associations among depression and obesity in population-based studies. *Obes Rev*, 12, e438-53.

Fobi, M., Lee, H., Flemming, A.W. (1989). The surgical technique of the banded gastric bypass. *J Obes Weight Reg*, 8, 99–102.

Gade, H., Friberg, O., Rosenvinge, J.H., Smastuen, M.C., Hjelmessaeth, J. (2015). The Impact of a Preoperative Cognitive Behavioural Therapy (CBT) on Dysfunctional Eating Behaviours, Affective Symptoms and Body Weight 1 Year after Bariatric Surgery. A Randomised Controlled Trial. *Obes Surg*, 25, 2112–2119.

Gerlach, G., Loeber, S., Herpertz, S. (2016). Personality disorders and obesity. A systematic review. *Obes Rev*, 17, 691–723.

Gilbert, N., Meyer, C. (2005). Fear of negative evaluation and the development of eating psychopathology. A longitudinal study among nonclinical women. *Int J Eat Disord*, 37, 307–312.

Grilo, C.M., Masheb, R.M., Brody, M., Toth, C., Burke-Martindale, C.H., Rothschild, B.S. (2005). Childhood maltreatment in extremely obese male and female bariatric surgery candidates. *Obes Res*, 13, 123–130.

Grilo, C.M., White, M.A., Masheb, R.M., Rothschild, B.S., Burke-Martindale, C.H. (2006). Relation of childhood sexual abuse and other forms of maltreatment to 12-month postoperative outcomes in extremely obese gastric bypass patients. *Obes Surg*, 16, 454-460.

Hagedorn, J.C., Encarnacion, B., Brat, G.A., Morton, J.M. (2007). Does gastric bypass alter alcohol metabolism? *Obes Rev*, 3, 543-548.

Hatoum, I.J., Stein, H.K., Merrifield, B.F., Kaplan, L.M. (2009). Capacity for physical activity predicts weight loss after Roux-en-Y gastric bypass. *Obesity (Silver Spring)*, 17, 92-99.

Hauner, H., Berg, A. (2000). Körperliche Bewegung zur Prävention und Behandlung der Adipositas. *Dtsch Arztebl*, 97, 660-665.

Hayden, M.J., Murphy, K.D., Brown, W.A., O'Brien, P.E. (2014). Axis I disorders in adjustable gastric band patients. The relationship between psychopathology and weight loss. *Obes Surg*, 24, 1469-1475.

Helmio, M., Salminen, P., Sintonen, H., Ovaska, J., Victorzon, M. (2011). A 5-year prospective quality of life analysis following laparoscopic adjustable gastric banding for morbid obesity. *Obes Surg*, 21, 1585–1591.

Hensel, J.M., Grosman Kaplan, K., Anvari, M., Taylor, V.H. (2016). The impact of history of exposure to abuse on outcomes after bariatric surgery: data from the Ontario Bariatric Registry. *Surg Obes Relat Dis*, 12, 1441-1446.

Herpertz, S., Kielmann, R., Wolf, A.M., Hebebrand, J., Senf, W. (2004). Do psychosocial variables predict weight loss or mental health after obesity surgery? A systematic review. *Obes Res*, 12, 1554–1569.

Herpertz, S., Burgmer, R., Stang, A., Zwaan, M. de, Wolf, A.M., Chen-Stute, A., Hulisz, T., Jockel, K.H., Senf, W. (2006). Prevalence of mental disorders in normal-weight and obese individuals with and without weight loss treatment in a German urban population. *J Psychosom Res*, 1, 95–103.

Herpertz, S. (2008). Adipositas ist mehr als eine Essstörung – die multidimensionale Betrachtung einer Pandemie. *Z Psychosom Med Psychother*, 54, 4-3

Herpertz, S., Muller, A., Burgmer, R., Crosby, R.D., Zwaan, M. de, Legenbauer, T. (2015). Health-related quality of life and psychological functioning 9 years after restrictive surgical treatment for obesity. *Surg Obes Relat Dis*, 11, 1361–1370.

Huang, Y., Kotov, R., de Girolamo, G., Preti, A., Angermeyer, M., Benjet, C., Demyttenaere, K., de Graaf, R., Gureje, O., Karam, A. N., Lee, S., Lepine, J. P., Matschinger, H., Posada-Villa, J., Suliman, S., Vilagut, G., Kessler, R. C. (2009). DSM-IV personality disorders in the WHO World Mental Health Surveys. *Br J Psychiatry*, 195, 46–53.

Jan, J.C., Hong, D., Pereira, N., Patterson, E.J. (2005). Laparoscopic adjustable gastric banding versus laparoscopic gastric bypass for morbid obesity. A single-institution comparison study of early results. *J Gastrointest Surg*, 9, 30-39; discussion 40-41.

Jensen, M.D., Ryan, D.H., Apovian, C.M., Ard, J.D., Comuzzie, A.G., Donato, K.A., Hu, F.B., van Hubbard, S., Jakicic, J.M., Kushner, R.F., Loria, C.M., Millen, B.E., Nonas, C.A., Pi-Sunyer, F.X., Stevens, J., Stevens, V.J., Wadden, T.A., Wolfe, B.M., Yanovski, S.Z. (2014). 2013 AHA/ACC/TOS Guideline for the Management of Overweight and Obesity in Adults. *Circulation*, 129, 102-138.

Kalarchian, M.A., Marcus, M.D., Levine, M.D., Courcoulas, A.P., Pilkonis, P.A., Ringham, R.M., Soulakova, J.N., Weissfeld, L.A., Rofey, D.L. (2007). Psychiatric disorders among bariatric surgery candidates. Relationship to obesity and functional health status. *Am J Psychiatry*, 164, 328-334; quiz 374.

Karlsson, J., Taft, C., Ryden, A., Sjostrom, L., Sullivan, M. (2007). Ten-year trends in health-related quality of life after surgical and conventional treatment for severe obesity. The SOS intervention study. *Int J Obes*, 31, 1248–1261.

Kelly, T., Yang, W., Chen, C.-S., Reynolds, K., He, J. (2008). Global burden of obesity in 2005 and projections to 2030. *Int J Obes*, 32, 1431–1437.

Kessler, R.C., Chiu, W.T., Demler, O., Merikangas, K.R., Walters, E.E. (2005). Prevalence, severity, and comorbidity of 12-month DSM-IV disorders in the National Comorbidity Survey Replication. *Arch Gen Psychiatry*, 62, 617–627.

Kindel, T., Lomelin, D., McBride, C., Kothari, V., Thompson, J. (2016). The Time to Weight-Loss Steady State After Gastric Bypass Predicts Weight-Loss Success. *Obes Surg*, 26, 327–331.

King, W.C., Chen, J.-Y., Mitchell, J.E., Kalarchian, M.A., Steffen, K.J., Engel, S.G., Courcoulas, A.P., Pories, W.J., Yanovski, S.Z. (2012): Prevalence of alcohol use disorders before and after bariatric surgery. *JAMA* 307, 2516–2525.

S. Klein, S. Krupka, S. Behrendt, A. Pulst, H.-H. Bleß (2016). Weißbuch Adipositas. Medizinisch Wissenschaftliche Verlagsgesellschaft mbH & Co. KG, Berlin.

Klinitzke, G., Steinig, J., Bluher, M., Kersting, A., Wagner, B. (2013). Obesity and suicide risk in adults--a systematic review. *J Affect Disord*, 145, 277–284.

Klockhoff, H., Naslund, I., Jones, A.W. (2002). Faster absorption of ethanol and higher peak concentration in women after gastric bypass surgery. *Br J Clin Pharmacol*, 54, 587–591.

Kolotkin, R.L., Davidson, L.E., Crosby, R.D., Hunt, S.C., Adams, T.D. (2012). Six-year changes in health-related quality of life in gastric bypass patients versus obese comparison groups. *Surg Obes Relat Dis*, 8, 625–633.

Kurth, B.M., Schaffrath Rosario, A. (2007). Die Verbreitung von Übergewicht und Adipositas bei Kindern und Jugendlichen in Deutschland. Ergebnisse des bundesweiten Kinder- und Jugendgesundheits surveys (KiGGS). *Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz*, 50, 736–743.

Lagerros, Y.T., Brandt, L., Hedberg, J., Sundbom, M., Boden, R. (2016). Suicide, Self-harm, and Depression After Gastric Bypass Surgery: A Nationwide Cohort Study. *Ann Surg*, 265, 235–243.

Leary, M.R. (1983). A Brief Version of the Fear of Negative Evaluation Scale. *Pers Soc Psychol Bull*, 9, 371–375.

Legenbauer, T., Burgmer, R., Senf, W., Herpertz, S. (2007). Psychische Komorbidität und Lebensqualität adipöser Menschen, eine prospektive, kontrollierte Studie. *Psychotherapie, Psychosomatik, Med Psychol*, 57, 435–441.

Legenbauer, T., Petrak, F., Zwaan, M. de, Herpertz, S. (2011). Influence of depressive and eating disorders on short- and long-term course of weight after surgical and nonsurgical weight loss treatment. *Comp Psychiatry*, 52, 301–311.

Legenbauer, T., Zwaan, M. de, Benecke, A., Muhlans, B., Petrak, F., Herpertz, S. (2009). Depression and anxiety. Their predictive function for weight loss in obese individuals. *Obes Facts*, 2, 227–234.

Lenzenweger, M.F., Lane, M., Loranger, A.W., Kessler R.C. (2007). DSM-IV personality disorders in the National Comorbidity Survey Replication (NCS-R). *Biol Psychiatry*, 62, 553–64.

Li, L., Wu, L.-T. (2016). Substance use after bariatric surgery. A review. *J Psychiatr Res*, 76, 16–29.

Liberati, A., Altman, D.G., Tetzlaff, J., Mulrow, C., Gotzsche, P.C., Ioannidis, J.P.A., Clarke, M., Devereaux, P.J., Kleijnen, J., Moher, D. (2009). The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate health care interventions. Explanation and elaboration. *PLoS Medicine*, 6, e1000100.

Lier, H.O., Biringer, E., Stubhaug, B., Tangen, T. (2013). Prevalence of psychiatric disorders before and 1 year after bariatric surgery. The role of shame in maintenance of psychiatric disorders in patients undergoing bariatric surgery. *Nord J Psychiatry*, 67, 89–96.

Liu, R.H., Wharton, S., Sharma, A.M., Ardern, C.I., Kuk, J.L. (2013). Influence of a clinical lifestyle-based weight loss program on the metabolic risk profile of metabolically normal and abnormal obese adults. *Obesity (Silver Spring)*, 21, 1533–1539.

Livhits, M., Mercado C., Yermilov, I., Parikh, J.A., Dutson, E., Mehran, A., Ko, C.Y., Gibbons, M.M. (2012). Preoperative predictors of weight loss following bariatric surgery: systematic review. *Obes Surg*, 22, 70-89.

Long, S.D., O'Brien, K., MacDonald, K.G., JR, Leggett-Frazier, N., Swanson, M.S., Pories, W.J., Caro, J.F. (1994). Weight loss in severely obese subjects prevents the progression of impaired glucose tolerance to type II diabetes. A longitudinal interventional study. *Diabetes Care*, 17, 372–375.

Lood AHEAD Research Group (2014). Eight-year weight losses with an intensive lifestyle intervention. The look AHEAD study. *Obesity (Silver Spring)*, 22, 5–13.

Lundgren, J.D., Anderson, D.A., Thompson, J.K. (2004). Fear of negative appearance evaluation. Development and evaluation of a new construct for risk factor work in the field of eating disorders. *Eat Behav*, 5, 75–84.

Luppino, F.S., Wit, L.M. de, Bouvy, P.F., Stijnen, T., Cuijpers, P., Penninx, B.W.J.H., Zitman, F.G. (2010). Overweight, obesity, and depression. A systematic review and meta-analysis of longitudinal studies. *Arch Gen Psychiatry*, 67, 220–229.

Maciejewski, M.L., Patrick, D.L., Williamson, D.F. (2005). A structured review of randomized controlled trials of weight loss showed little improvement in health-related quality of life. *J Clin Epidemiol*, 58, 568–578.

Magro, D.O., Geloneze, B., Delfini, R., Pareja, B.C., Callejas, F., Pareja, J.C. (2008). Long-term weight regain after gastric bypass: a 5-year prospective study. *Obes Surg*, 18, 648–651.

Maluenda, F., Csendes, A., Aretxabala, X. de, Poniachik, J., Salvo, K., Delgado, I., Rodriguez, P. (2010). Alcohol absorption modification after a laparoscopic sleeve gastrectomy due to obesity. *Obes Surg*, 20, 744–748.

Marek, R.J., Heinberg, L.J., Lavery, M., Merrell Rish, J., Ashton, K. (2016). A review of psychological assessment instruments for use in bariatric surgery evaluations. *Psychol Assessment*, 28, 1142–1157.

Mason, E.E., Ito, C. (1996). Gastric bypass in obesity. 1967. *Obes Res* 4, 316–319.

Mathus-Vliegen, E.M.H., Wit, L.T. de (2007): Health-related quality of life after gastric banding. *Br J Surg*, 94, 457–465.

Mauri, M., Rucci, P., Calderone, A., Santini, F., Oppo, A., Romano, A., Rinaldi, S., Armani, A., Polini, M., Pinchera, A., Cassano, G.B. (2008). Axis I and II disorders and quality of life in bariatric surgery candidates. *J Clin Psychiatry*, 69, 295–301.

Meany, G., Conceicao, E., Mitchell, J.E. (2014). Binge eating, binge eating disorder and loss of control eating. Effects on weight outcomes after bariatric surgery. *Eur Eat Disord Rev*, 22, 87–91.

Mechanick, J.I., Youdim, A., Jones, D.B., Garvey, W.T., Hurley, D.L., McMahon, M.M., Heinberg, L.J., Kushner, R., Adams, T.D., Shikora, S., Dixon, J.B., Brethauer, S. (2013). Clinical practice guidelines for the perioperative nutritional, metabolic, and nonsurgical support of the bariatric surgery patient--2013 update. *Obesity (Silver Spring)*, 21, 1-27.

Middleton, K.M.R., Patidar, S.M., Perri, M.G. (2012). The impact of extended care on the long-term maintenance of weight loss. A systematic review and meta-analysis. *Obes Rev*, 13, 509–517.

Mingrone, G., Panunzi, S., Gaetano, A. de, Guidone, C., Iaconelli, A., Nanni, G., Castagneto, M., Bornstein, S., Rubino, F. (2015). Bariatric–metabolic surgery versus conventional medical treatment in obese patients with type 2 diabetes. 5 year follow-up of an open-label, single-centre, randomised controlled trial. *Lancet*, 386, 964–973.

Mitchell, J.E., Crosby, R., Zwaan, M. de, Engel, S., Roerig, J., Steffen, K., Gordon, K.H., Karr, T., Lavender, J., Wonderlich, S. (2013). Possible risk factors for increased suicide following bariatric surgery. *Obesity (Silver Spring)*, 21, 665–672.

Mitchell, J.E., King, W.C., Chen, J.-Y., Devlin, M.J., Flum, D., Garcia, L., Inabet, W., Pender, J.R., Kalarchian, M.A., Khandelwal, S., Marcus, M.D., Schrope, B., Strain, G., Wolfe, B., Yanovski, S. (2014). Course of depressive symptoms and treatment in the longitudinal assessment of bariatric surgery (LABS-2) study. *Obesity (Silver Spring)*, 22, 1799–1806.

Mor, A., Sharp, L., Portenier, D., Sudan, R., Torquati, A. (2012). Weight loss at first postoperative visit predicts long-term outcome of Roux-en-Y gastric bypass using Duke weight loss surgery chart. *Surg Obes Relat Dis*, 8, 556–560.

Morgan, D.J.R., Ho, K.M. (2016). Incidence and Risk Factors for Deliberate Self-harm, Mental Illness, and Suicide Following Bariatric Surgery: A State-wide Population-based Linked-data Cohort Study. *Ann Surg*, 265, 244-252.

Morseth, M.S., Hanvold, S.E., Ro, O., Risstad, H., Mala, T., Benth, J.S., Engstrom, M., Olbers, T., Henjum, S. (2016). Self-Reported Eating Disorder Symptoms Before and After Gastric Bypass and Duodenal Switch for Super Obesity - a 5-Year Follow-Up Study. *Obes Surg*, 26, 588–594.

Muller, A., Claes, L., Smits, D., Brahler, E., Zwaan, M. de (2016). Prevalence and Correlates of Self-Harm in the German General Population. *PloS One*, 11, e0157928.

Myers, V.H., Adams, C.E., Barbera, B.L., Brantley, P.J. (2012). Medical and psychosocial outcomes of laparoscopic Roux-en-Y gastric bypass. Cross-sectional findings at 4-year follow-up. *Obes Surg*, 22, 230–239.

Niego, S.H., Kofman, M.D., Weiss, J.J., Geliebter, A. (2007). Binge eating in the bariatric surgery population. A review of the literature. *Int J Eat Disord*, 40, 349–359.

Nikolic, M., Kruljac, I., Kirigin, L., Mirosevic, G., Ljubovic, N., Nikolic, B.P., Bekavac-Beslin, M., Budimir, I., Vrkljan, M. (2015). Initial Weight Loss after Restrictive Bariatric Procedures May Predict Mid-Term Weight Maintenance. Results From a 12-Month Pilot Trial. *Bariatr Surg Pract Patient Care*, 10, 68–73.



Obeidat, F., Shanti, H. (2016). Early Weight Loss as a Predictor of 2-Year Weight Loss and Resolution of Comorbidities After Sleeve Gastrectomy. *Obes Surg*, 26, 1173–1177.

O'Brien, P.E., Dixon, J.B., Brown, W. (2004). Obesity is a surgical disease. Overview of obesity and bariatric surgery. *J Surg*, 74, 200–204.

Odom, J., Zalesin, K.C., Washington, T.L., Miller, W.W., Hakmeh, B., Zaremba, D.L., Altattan, M., Balasubramaniam, M., Gibbs, D.S., Krause, K.R., Chengelis, D.L., Franklin, B.A., McCullough, P.A. (2010), Behavioral predictors of weight regain after bariatric surgery. *Obes Surg*, 20, 349–356.

Olshansky, S.J., Passaro, D.J., Hershow, R.C., Layden, J., Carnes, B.A., Brody, J., Hayflick, L., Butler, R.N., Allison, D.B., Ludwig, D.S. (2005). A potential decline in life expectancy in the United States in the 21st century. *N Eng J Med*, 352, 1138–1145.

Omalu, B.I., Cho, P., Shakir, A.M., Agumadu, U.H., Rozin, L., Kuller, L.H., Wecht, C.H. (2005). Suicides following bariatric surgery for the treatment of obesity. *Surg Obes Relat Dis*, 1, 447–449.

Opozda, M., Chur-Hansen, A., Wittert, G. (2016). Changes in problematic and disordered eating after gastric bypass, adjustable gastric banding and vertical sleeve gastrectomy. A systematic review of pre-post studies. *Obes Rev*, 17, 770–792.

Perera, S., Eisen, R., Bawor, M., Dennis, B., Souza, R. de, Thabane, L., Samaan, Z. (2015). Association between body mass index and suicidal behaviors: a systematic review protocol. *Syst Rev*, 4, 52-59.

Petasne Nijamkin, M., Campa, A., Samiri Nijamkin, S., Sosa, J. (2013). Comprehensive behavioral-motivational nutrition education improves depressive symptoms following bariatric surgery. A randomized, controlled trial of obese Hispanic Americans. *J Nutr Educ Behav*, 45, 620–626.

Peterhansel, C., Petroff, D., Klinitzke, G., Kersting, A., Wagner, B. (2013). Risk of completed suicide after bariatric surgery: a systematic review. *Obes Rev*, 14, 369–382.

Pontioli, A.E., Fossati, A., Vedani, P., Fiorilli, M., Folli, F., Paganelli, M., Marchi, M., Maffei, C. (2007). Post-surgery adherence to scheduled visits and compliance, more than personality disorders, predict outcome of bariatric restrictive surgery in morbidly obese patients. *Obes Surg*, 17, 1492–1497.

Pories, W.J., Swanson, M.S., MacDonald, K.G., Long, S.B., Morris, P.G., Brown, B.M., Barakat, H.A., deRamon, R.A., Israel, G., Dolezal, J.M. (1995). Who would have thought it? An operation proves to be the most effective therapy for adult-onset diabetes mellitus. *Ann Surg*, 222, 339-350.

Puzziferri, N., Nakonezny, P.A., Livingston, E.H., Carmody, T.J., Provost, D.A., Rush, A.J. (2008). Variations of weight loss following gastric bypass and gastric band. *Ann Surg*, 248, 233–242.

Rosenberger, P.H., Henderson, K.E., Grilo, C.M. (2006). Psychiatric Disorder Comorbidity and Association With Eating Disorders in Bariatric Surgery Patients. *J Clin Psychiatry*, 67, 1080–1085.

Sansone, R.A., Wiederman, M.W., Schumacher, D.F., Routsong-Weichers, L. (2008). The prevalence of self-harm behaviors among a sample of gastric surgery candidates. *J Psychosom Res*, 65, 441–444.

Sarwer, D.B., Wadden, T.A., Moore, R.H., Baker, A.W., Gibbons, L.M., Raper, S.E., Williams, N.N. (2008). Preoperative eating behavior, postoperative dietary adherence, and weight loss after gastric bypass surgery. *Surg Obes Relat Dis*, 4, 640–646.

Schauer, P.R., Kashyap, S.R., Wolski, K., Brethauer, S.A., Kirwan, J.P., Pothier, C.E., Thomas, S., Abood, B., Nissen, S.E., Bhatt, D.L. (2012). Bariatric surgery versus intensive medical therapy in obese patients with diabetes. *N Engl J Med*, 366, 1567–1576.

Schouten, R., Wiryasaputra, D.C.M.S., van Dielen, F.M.H., van Gemert, W.G., Greve, J.W.M. (2011). Influence of reoperations on long-term quality of life after restrictive procedures. A prospective study. *Obes Surg*, 21, 871–879.

Semanscin-Doerr, D.A., Windover, A., Ashton, K., Heinberg, L.J. (2010). Mood disorders in laparoscopic sleeve gastrectomy patients. Does it affect early weight loss? *Surg Obes Relat Dis*, 6, 191–196.

Sjostrom, C.D., Lissner, L., Wedel, H., Sjostrom, L. (1999). Reduction in incidence of diabetes, hypertension and lipid disturbances after intentional weight loss induced by bariatric surgery. The SOS Intervention Study. *Obes Res*, 7, 477–484.

Sjostrom, L. (2013). Review of the key results from the Swedish Obese Subjects (SOS) trial - a prospective controlled intervention study of bariatric surgery. *J Int Med*, 273, 219–234.

Sjostrom, L., Lindroos, A.-K., Peltonen, M., Torgerson, J., Bouchard, C., Carlsson, B., Dahlgren, S., Larsson, B., Narbro, K., Sjostrom, C.D., Sullivan, M., Wedel, H. (2004). Lifestyle, diabetes, and cardiovascular risk factors 10 years after bariatric surgery. *N Engl J Med*, 351, 2683–2693.

Sjostrom, L., Narbro, K., Sjostrom, C.D., Karason, K., Larsson, B., Wedel, H., Lystig, T., Sullivan, M., Bouchard, C., Carlsson, B., Bengtsson, C., Dahlgren, S., Gummesson, A., Jacobson, P., Karlsson, J., Lindroos, A.-K., Lonroth, H., Naslund, I., Olbers, T., Stenlof, K., Torgerson, J., Agren, G., Carlsson, L.M.S. (2007). Effects of bariatric surgery on mortality in Swedish obese subjects. *N Engl J Med*, 357, 741–752.

Sockalingam, S., Wnuk, S., Kantarovich, K., Meaney, C., Okrainec, A., Hawa, R., Cassin, S. (2015). Employment outcomes one year after bariatric surgery. The role of patient and psychosocial factors. *Obes Surg*, 25, 514–522.

Spadola, C.E., Wagner, E.F., Dillon, F.R., Trepka, M.J., La Cruz-Munoz, N. de, Messiah, S.E. (2015). Alcohol and Drug Use Among Postoperative Bariatric Patients. A Systematic Review of the Emerging Research and Its Implications. *Alcohol Clin Exp Res*, 39, 1582–1601.

Statistisches Bundesamt (2016). Online unter: <https://www.destatis.de/DE/ZahlenFakten/LaenderRegionen/Internationales/Thema/BevoelkerungArbeitSoziales/Gesundheit/ZunahmeLebenserwartung.html> Zugriff: 15.04.2017

Steinig, J., Wagner, B., Shang, E., Dolemeyer, R., Kersting, A. (2012). Sexual abuse in bariatric surgery candidates. Impact on weight loss after surgery: a systematic review. *Obes Rev*, 13, 892–901.

Stroh, C. (2015). Kommentar zu genderspezifischen Aspekten in der Adipositas- und metabolischen Chirurgie – Daten der Qualitätssicherungsstudie für operative Therapie der Adipositas *Zentralbl Chir*, 140, 285–93

Stroh, C, Koeckerling F, Lange V, Benedix F, Wolff S, Knoll C, Bruns C, Manger T (2016). Results of more than 11,800 sleeve gastrectomies – data analysis of the German Bariatric Surgery Registry. *Ann Surg*, 263, 949-955.

Suzuki, J., Haimovici, F., Chang, G. (2012). Alcohol use disorders after bariatric surgery. *Obes Surg*, 22, 201–207.

Tarescavage, A.M., Windover, A., Ben-Porath, Y.S., Boutacoff, L.I., Marek, R.J., Ashton, K., Merrell, J., Lavery, M., Heinberg, L.J. (2013). Use of the MMPI-2-RF suicidal/death ideation and substance abuse scales in screening bariatric surgery candidates. *Psychol Assessment*, 25, 1384–1389.

Tindle, H.A., Omalu, B., Courcoulas, A., Marcus, M., Hammers, J., Kuller, L.H. (2010). Risk of suicide after long-term follow-up from bariatric surgery. *Am J Med* 123, 1036–1042.

Toussi, R., Fujioka, K., Coleman, K.J. (2009). Pre- and postsurgery behavioral compliance, patient health, and postbariatric surgical weight loss. *Obesity (Silver Spring)*, 17, 996–1002.

Valley, V., Grace, D.M. (1987). Psychosocial risk factors in gastric surgery for obesity. Identifying guidelines for screening. *Int J Obes*, 11, 105–113.

Wadden, T.A., Butryn, M.L., Sarwer, D.B., Fabricatore, A.N., Cserny, C.E., Lipschutz, P.E., Faulconbridge, L., Raper, S.E., Williams, N.N. (2006). Comparison of psychosocial status in treatment-seeking women with class III vs. class I-II obesity. *Obes (Silver Spring, Md.)*, 14, 90-98.

Warkentin, L.M., Das, D., Majumdar, S.R., Johnson, J.A., Padwal, R.S. (2014). The effect of weight loss on health-related quality of life. Systematic review and meta-analysis of randomized trials. *Obes Rev*, 15, 169–182.

Weiner, R. Geschichte der AdipositasChirurgie in Deutschland. In: M. de Zwaan, S. Herpertz, S. Zipfel, (Hrsg.) *Psychoziale Aspekte der Adipositaschirurgie* (S. 1-9) Berlin: Springer.

Weinstein, A.R., Sesso, H.D., Lee, I.M., Cook, N.R., Manson, J.E., Buring, J.E., Gaziano, J.M. (2004). Relationship of physical activity vs body mass index with type 2 diabetes in women. *JAMA*, 292, 1188–1194.

White, M.A., Kalarchian, M.A., Levine, M.D., Masheb, R.M., Marcus, M.D., Grilo, C.M. (2015). Prognostic Significance of Depressive Symptoms on Weight Loss and Psychosocial Outcomes

[Psychotherapeutenjournal 4/2019, S. 380–387.](#)

Following Gastric Bypass Surgery. A Prospective 24-Month Follow-Up Study. *Obes Surg*, 25, 1909–1916.

Windover, A.K., Merrell, J., Ashton, K., Heinberg, L.J. (2010). Prevalence and psychosocial correlates of self-reported past suicide attempts among bariatric surgery candidates. *Surg Obes Relat Dis*, 6, 702–706.

Wing, R.R., Lang, W., Wadden, T.A., Safford, M., Knowler, W.C., Bertoni, A.G., Hill, J.O., Brancati, F.L., Peters, A., Wagenknecht, L. (2011). Benefits of modest weight loss in improving cardiovascular risk factors in overweight and obese individuals with type 2 diabetes. *Diabetes Care*, 34, 1481–1486.

Woodard, G.A., Downey, J., Hernandez-Boussard, T., Morton, J.M. (2011). Impaired alcohol metabolism after gastric bypass surgery. A case-crossover trial. *J Am Coll Surg*, 212, 209–214.

Zijlstra, H., Larsen, J.K., Wouters, E.J., van Ramshorst, B., Geenen, R. (2013). The Long-Term Course of Quality of Life and the Prediction of Weight Outcome After Laparoscopic Adjustable Gastric Banding. A Prospective Study. *Bariatr Surg Pract Patient Care*, 8, 18–22.

Zwaan, M. de, Mitchell, J.E., Howell, L.M., Monson, N., Swan-Kremeier, L., Roerig, J.L., Kolotkin, R.L., Crosby, R.D. (2002). Two measures of health-related quality of life in morbid obesity. *Obes Res*, 10, 1143–1151.

Zwaan, M. de, Wolf, A., Herpertz, S. (2007). Psychosomatische Aspekte der Adipositaschirurgie. *Deutsches Ärzteblatt*, 104, 2577-2583

Zwaan, M. de, Enderle, J., Wagner, S., Muhlhans, B., Ditzen, B., Gefeller, O., Mitchell, J.E., Muller, A. (2011). Anxiety and depression in bariatric surgery patients. A prospective, follow-up study using structured clinical interviews. *J Affect Disord*, 133, 61–68.