



## **Britta Wilms**

### **Contact**

Britta Wilms

### **Units**

Clinic for General, Visceral, Endocrine and Transplant Surgery

## Publications (24)

Wilms B, Ernst B, Gerig R, Schultes B. Plasma Omentin-1 Levels are Related to Exercise Performance in Obese Women and Increase Upon Aerobic Endurance Training. *Exp Clin Endocrinol Diabetes* 2015; 123:187-92.

Wilms B, Ernst B, Thurnheer M, Schultes B. Subjective and objective physical activity patterns after Roux-en Y gastric bypass surgery compared with non-operated obese and non-obese control women. *Obes Res Clin Pract* 2015

Waldburger R, Wilms B, Ernst B, Thurnheer M, Schultes B. Cardio-respiratory Fitness is Independently Associated with Cardio-Metabolic Risk Markers in Severely Obese Women. *Exp Clin Endocrinol Diabetes* 2014; 122:190-4.

Wilms B, Ernst B, Thurnheer M, Weisser B, Schultes B. Correction factors for the calculation of metabolic equivalents (MET) in overweight to extremely obese subjects. *Int J Obes (Lond)* 2014; 38:1383-7.

Runa Z, Wilms B, Ernst B, Thurnheer M, Schultes B. Waist Circumference and Related Anthropometric Indices Are Associated with Metabolic Traits in Severely Obese Subjects. *Obes Surg* 2013; 24:777-782.

Gerig R, Ernst B, Wilms B, Thurnheer M, Schultes B. Preoperative nutritional deficiencies in severely obese bariatric candidates are not linked to gastric *Helicobacter pylori* infection. *Obes Surg* 2013; 23:698-702.

Frank S, Preissl H, Birbaumer N, Fritsche A, Kullmann S, Thurnheer M, Ernst B, Veit R, Wilms B, Schultes B. Altered brain activity in severely obese women may recover after Roux-en Y gastric bypass surgery. *Int J Obes (Lond)* 2013; 38:341-348.

Ernst B, Wilms B, Thurnheer M, Schultes B. Reduced Circulating Androgen Levels After Gastric Bypass Surgery in Severely Obese Women. *Obes Surg* 2012

Ullrich J, Ernst B, Wilms B, Thurnheer M, Hallschmid M, Schultes B. The Hedonic Drive to Consume Palatable Foods Appears to be Lower in Gastric Band Carriers than in Severely Obese Patients Who Have Not Undergone a Bariatric Surgery. *Obes Surg* 2012

Wilms B, Ernst B, Thurnheer M, Weisser B, Schultes B. Differential Changes in Exercise Performance After Massive Weight Loss Induced by Bariatric Surgery. *Obes Surg* 2012

Ullrich J, Ernst B, Wilms B, Thurnheer M, Schultes B. Roux-en Y Gastric Bypass Surgery Reduces Hedonic Hunger and Improves Dietary Habits in Severely Obese Subjects. *Obes Surg* 2012

Wilms B, Frick J, Ernst B, Mueller R, Wirth B, Schultes B. Whole body vibration added to endurance training in obese women - a pilot study. *Int J Sports Med* 2012; 33:740-3.

Schultes B, Schmid S, Wilms B, Jauch-Chara K, Oltmanns K, Hallschmid M. Lactate infusion during euglycemia but not hypoglycemia reduces subsequent food intake in healthy men. *Appetite* 2012; 58:818-821.

Schmid S, Hallschmid M, Jauch-Chara K, Wilms B, Lehnert H, Born J, Schultes B. Disturbed glucoregulatory response to food intake after moderate sleep restriction. *Sleep* 2011; 34:371-7.

Wilms B, Meffert K, Schultes B. [Procain infusion in pain treatment of acute pancreatitis: a randomized, placebo-controlled double-blind trial]. *Dtsch Med Wochenschr* 2010; 135:2290-5.

Wilms B, Schmid S, Ernst B, Thurnheer M, Mueller M, Schultes B. Poor prediction of resting energy expenditure in obese women by established equations. *Metab Clin Exp* 2010; 59:1181-9.

Schultes B, Ernst B, Wilms B, Thurnheer M, Hallschmid M. Hedonic hunger is increased in severely obese patients and is reduced after gastric bypass surgery. *Am J Clin Nutr* 2010; 92:277-83.

Schmid S, Hallschmid M, Jauch-Chara K, Wilms B, Benedict C, Lehnert H, Born J, Schultes B. Short-term sleep loss decreases physical activity under free-living conditions but does not increase food intake under time-deprived laboratory conditions in healthy men. *The American journal of clinical nutrition* 2009; 90:1476-82.

Ernst B, Thurnheer M, Wilms B, Schultes B. Differential changes in dietary habits after gastric bypass versus gastric banding operations. *Obesity surgery* 2009; 19:274-80.

Ernst B, Thurnheer M, Schmid S, Wilms B, Schultes B. Seasonal variation in the deficiency of 25-hydroxyvitamin D(3) in mildly to extremely obese subjects. *Obesity surgery* 2009; 19:180-3.

Bosy-Westphal A, Kiosz D, Peters A, Settler U, Wilms B, Later W, Hitze B, Jauch-Chara K, Hinrichs S, Muller M. Influence of Partial Sleep Deprivation on Energy Balance and Insulin Sensitivity in Healthy Women. *Obesity facts : the European journal of obesity* 2008; 1:266-273.

Bader N, Bosy-Westphal A, Wilms B, Müller M. Intra- and interindividual variability of resting energy expenditure in healthy male subjects -- biological and methodological variability of resting energy expenditure. *The British journal of nutrition* 2005; 94:843-9.

Danielzik S, Czerwinski-Mast M, Langnäse K, Wilms B, Müller M. Parental overweight, socioeconomic status and high birth weight are the major determinants of overweight and obesity in 5-7 y-old children: baseline data of the Kiel Obesity Prevention Study (KOPS). *International journal of obesity and related metabolic disorders : journal of the International Association for the Study of Obesity* 2004; 28:1494-502.

Grund A, Wilms B, Forberger K, Krause H, Siewers M, Rieckert H, Müller M. Relationships between physical activity, physical fitness, muscle strength and nutritional state in 5- to 11-year-old children. *European journal of applied physiology* 2000; 82:425-38.

## Projects (7)

**Effektivität zweier Trainingsprogramme hinsichtlich der körperlichen Leistungsfähigkeit und Körperzusammensetzung adipöser Personen nach bariatrischer Chirurgie –**

*Fundamental Research - Aug 1, 2012 - Dec 31, 2013*

*Completed*

**Multinationale, randomisierte, doppelblinde, placebo-kontrollierte einjährige Studie zur Überprüfung der Gewichtsreduktion (40 Wochen) und Gewichtsstabilisation (12 Wochen), sowie die Entwicklung des Taillenumfangs mit Polyglucosamin L112 im Vergleich zu Placebo bei Patienten mit Übergewicht und Adipositas unter geändertem Essverhalten mit täglich bis zu 80 g Fett und gesteigerter körperlicher Aktivität**

*Clinical Studies - Nov 1, 2011 - Oct 31, 2012*

*Aborted*

**Retrospektive Analyse klinisch erhobener Ergospirometrie- und Lungenfunktionsdaten vor und nach bariatrischer Chirurgie**

*Clinical Studies - Sep 1, 2011 - Dec 22, 2011*

*Completed*

**A Multicentre Randomised Placebo-controlled Study to Assess the Efficacy and Safety of a single Administration of Ferric Carboxymaltose (1000 mg iron) in Improving Fatigue Symptoms in Iron-deficient Nonanaemic (IDNA) Women of Child Bearing Age**

*Clinical Studies - Aug 1, 2010 - Sep 30, 2011*

*Completed*

**Reaktion auf nahrungsbezogene Reize und Aktivitätsverhalten: Veränderungen nach bariatrisch-chirurgisch vs. konservativ-therapeutisch induziertem Gewichtsverlust**

*Clinical Studies - Apr 1, 2010 - Dec 31, 2012*

*Completed*

**Spontanes Bewegungsverhalten, Körperzusammensetzung und motorischer Funktionsstatus adipöser Personen: Veränderungen nach chirurgisch induziertem Gewichtsverlust und Krafttraining**

*Clinical Studies - Mar 1, 2010 - Dec 31, 2012*

*Completed*

**Zentralnervöse Verarbeitung visueller Nahrungsreize bei schwerer Adipositas und nach Magenbypassoperation - Eine fMRI Studie**

*Clinical Studies - May 4, 2009 - Dec 4, 2010*

*Completed*