

## Appendix 1.

	SCHEDULE OF ASSESSMENTS AND PROCEDURES								
Time Time window	Screening	Baseline 1 -3 weeks ± 1 week	Baseline 2 -1 day Day -1 to -4	"Surgery" 0 0	Safety Week 2 ±5 days	Follow-up PK Week 6 ±1 week	Follow-up biomarkers Month 4 ±2 weeks	Safety Year 1 ±2 months	Follow-up PK Year 2 ±1 months
Check inclusion/exclusion criteria	B, D, C	B, D	B, D, C	B, D, C	B, D	B, D	B, D	B, D	B, D
Patient informed consent, ECG	B, D, C								
Demographics, medical and surgical history		B, D	C						
Menopausal status	B, D, C								
Concomittant drugs and doses	B, D, C	B, D	B, D, C	B, C		B, D			B, D
Height	B, D, C								
Vital signs, body composition <sup>a</sup> , heart monitoring <sup>b</sup> , alcohol use	B, D, C	B, D	B, D, C		B, D	B, D	B, D	B, D	B, D
AE reporting		B, D	B, D, C	B, C	B, D	B, D	B, D	B, D	B, D
PROMS Questionnaires <sup>c</sup>		B, D				B, D		B, D	B, D
ApneaLink™		B, D				B, D			B, D
Controlled diet (LED/VLED)		B, D	B, D	B, D	B, D	B, D	D	D	D
Prophylactic antibiotics <sup>d</sup>				B					
Cocktail investigation (blood and urine)		B, D	B, D, C			B, D			B, D
Blood for 4β-OH-cholesterol		B, D	B, D, C		B, D	B, D	B, D	B, D	B, D
Blood and urine for biobanking		B, D	B, D, C		B, D	B, D	B, D	B, D	B, D
Blood for cytokines and FFA		B, D	B, D, C		B, D	B, D	B, D	B, D	B, D
Blood for internal body time		B, D	B, D, C			B, D			B, D
Blood for DNA/genotyping		B, D	C			B, D			B, D
Standard clinical chemistry <sup>e</sup>	B, D, C	B, D	B, D, C		B, D	B, D	B, D	B, D	B, D
Biopsies									
-- gastric ventricle				B		B			B
-- ileum				B					
-- jejunum (for <i>ex vivo</i> investigation)				B					
-- jejunum				B		B			B
-- liver				B, C					
-- skeletal muscle				B, C					
-- visceral fat				B, C					
-- subcutaneous adipose tissue <sup>c</sup>		B, D	B, D, C	B, C	B, D	B, D	B, D	B, D	B, D
Faeces		B, D	B, D, C		B, D	B, D	B, D	B, D	B, D

### Patient groups:

Bariatric surgery patients

Diet-controls

Cholecystectomy patients

<sup>a</sup>Weight, bioimpedance, waist-hip ratio

<sup>b</sup>Blood pressure, heart rate, ECG

<sup>c</sup>SF-36, IWQOL, OWLQOL, WRSM, HADS and TFEQ

<sup>d</sup>sc-adipose tissue both before antibiotics and simultaneously with other biopsying

<sup>e</sup>including: Na, K, Ca, creat, ALP, ASAT, ALAT, tot-Chol, LDL, HDL, TG, fasting glucose, fasting insulin, HbA1c, hct, Hgb