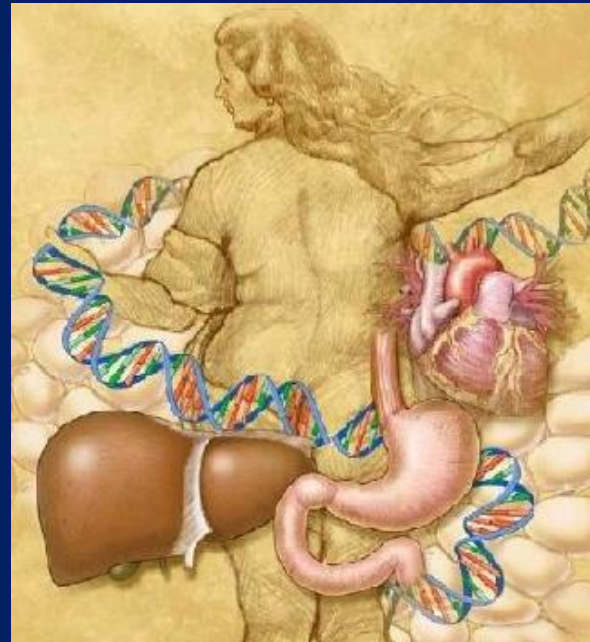
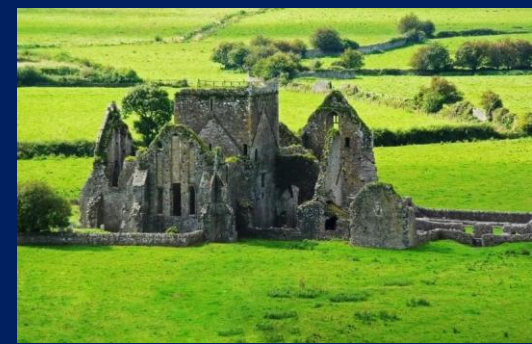


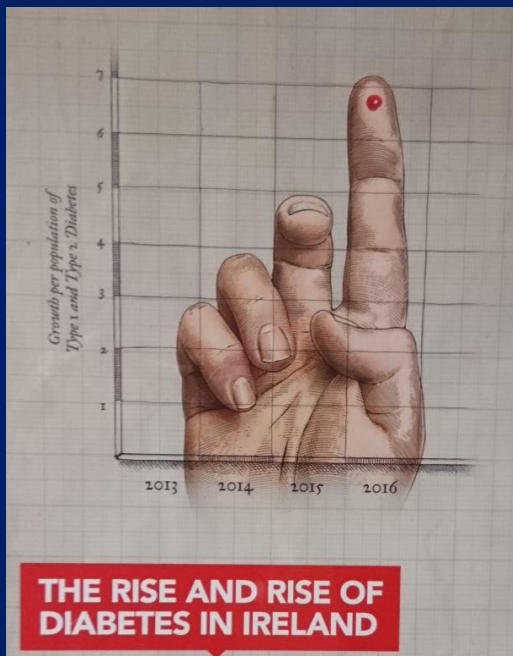
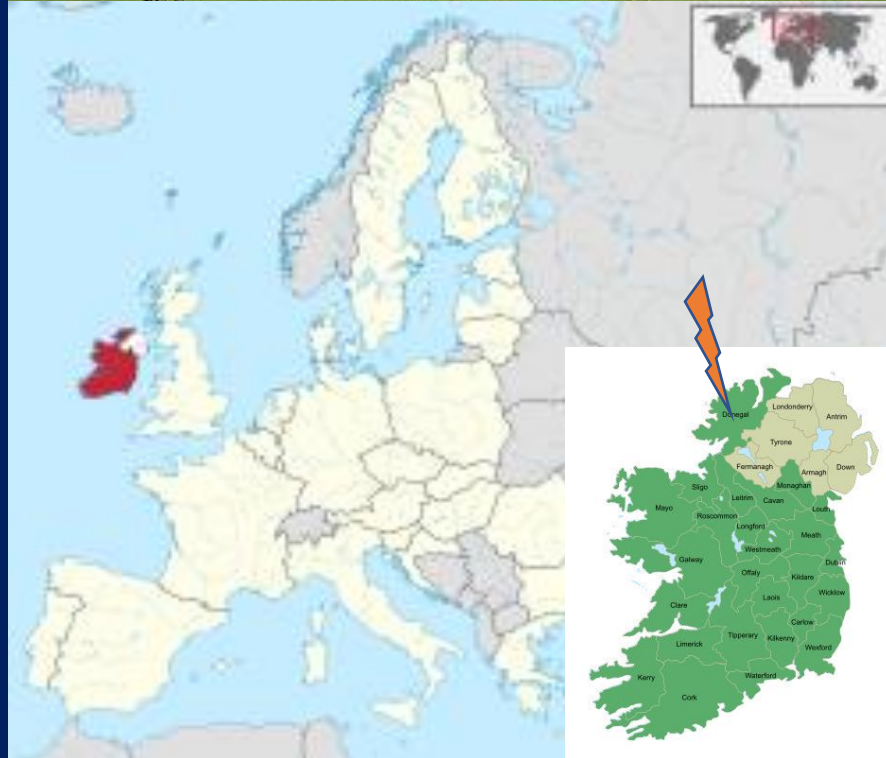
Ireland's First Metabolic Surgery Department: Results After 5 Years Follow-Up



Mr. Zsolt Bodnar
MD PhD FRCSI FICS FRCS



“BACKGROUND”



IRELAND
population
5.38 million

Donegal County population
167084

MELBOURNE
population
5.31 million



“AIM”



July 2017



Prof. Francesco Rubino

April 2017

METABOLIC SURGICAL PROGRAM : clinic: 12.30-14.30
MDT: 15.30-17.30
MDT 29/04/17

KOLT ZONAR Coust. Surgeon
SHARON gallagher crm2
AIMEE KEMP CLINICAL PSYCHOLOGIST
Paul O'Gara Gen Anesthetist

MARIE RODDY DIETITIAN
Carol Le Roux Metabolic Medicine

Sharon Gallagher
Aimee Kemp
Paul O'Gara
Marie Roddy
Carol Le Roux

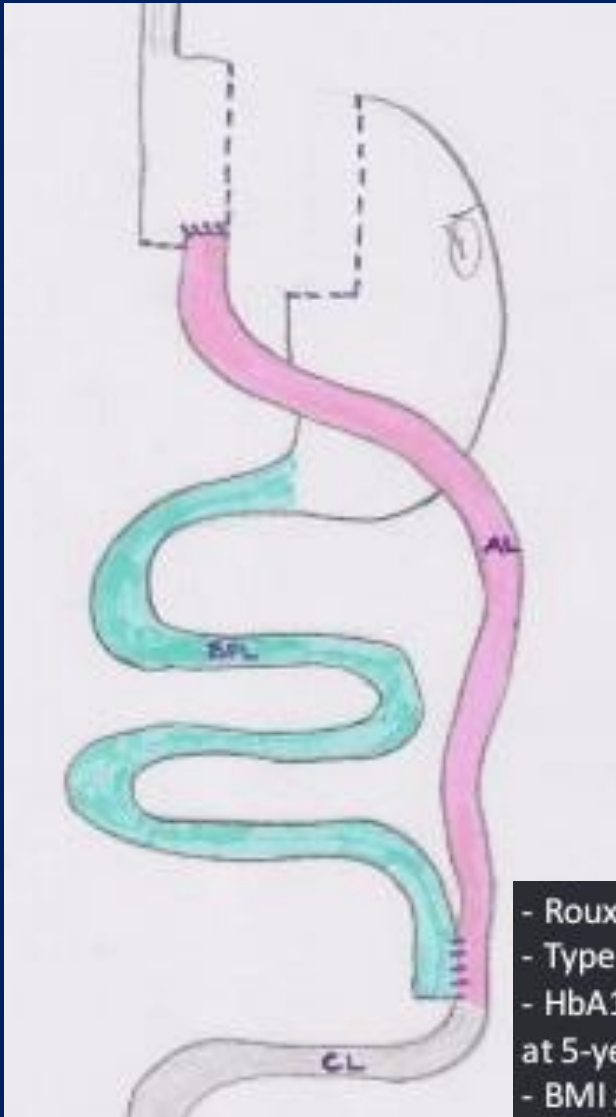
First Irish Metabolic Surgery Department



March 2017

RY-Gastric Bypass

Revisional Surgeries



“METHOD”

- DM2
- NAFLD
- PCOS
- BIH/IIH
- OBSIDITY

- Roux-en-Y Gastric Bypass
- Type II DM and Obesity
- HbA1c levels Pre-op, 1-year Post-op, and at 5-years
- BMI at day of surgery and 1-year Post-op
- Medication burden at Pre-op and 5-years
- Paired t-test to compare means

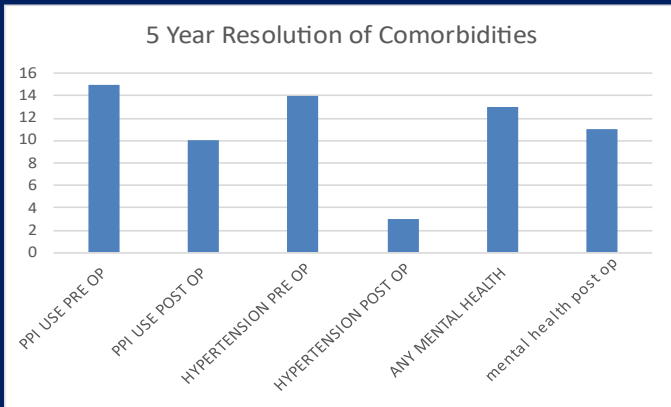
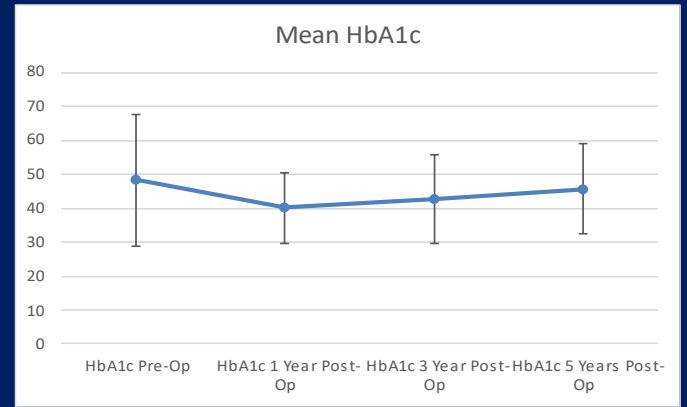
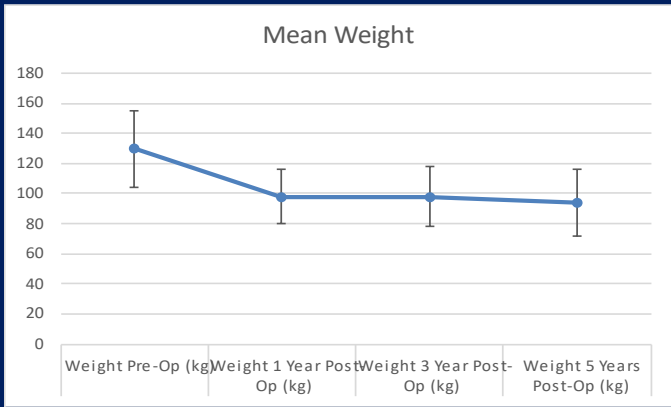
Laparoscopic conversion of Roux-en-Y Gastric Bypass to Biliopancreatic Diversion with Duodenal Switch – First documented case in the Republic of Ireland and Great Britain

Hingum, Adam. MB BCH BAO, PgDip, DIC
 Bodnar, Zsolt. MD, PhD, FRCSI, FICS, FRCS
 Department of General Surgery, Metabolic Surgical Unit, Letterkenny University Hospital

LEITERKENNY UNIVERSITY HOSPITAL

NEWS
 FEATURES
 Thursday, August 21, 2020
 I would say I am confident and I carry off confidence pretty well, but my weight was always something that annoyed me. Even eating out in public I felt people were looking at me.
Woman undergoes groundbreaking surgery at LUH to treat obesity
 LARA PARTIC with
 Plastic Surgeon Mr Zsolt Bodnar.
BMI: 51
 w: 148 kg
 August 2020
BMI: 37.8
 w: 123.8 kg
 June 2023

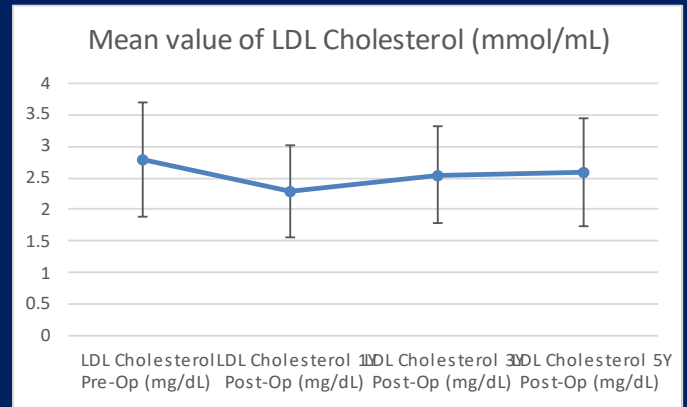
“RESULTS”



THE LONG-TERM EFFECTS OF METABOLIC SURGERY: RESULTS AFTER 5 YEARS FOLLOW-UP

METABOLIC SURGERY UNIT 2017 - 2022

Letterkenny University Hospital
Letterkenny



20 Original Patients	Pre-op HbA1c	Post-op HbA1c	Significance	95% CI
Mean	8.130 (SD ± 1.706)	6.335 (SD ± 1.065)	p < 0.0001	1.154 - 2.436
Total of 20 Patients at 5 years	Pre-op HbA1c	5-Year HbA1c	Significance	95% CI
Mean	8.130 (SD ± 1.706)	6.475 (SD ± 1.015)	p < 0.0002	1.154 - 2.436
Total of 20 Patients at 5 years	Post-op HbA1c	5-Year HbA1c	Significance	95% CI
Mean	6.335 (SD ± 1.065)	6.475 (SD ± 1.015)	p < 0.0001	1.154 - 2.436
Total of 19 Patients with recorded BMI	Pre-op BMI	Post-op BMI	Significance	95% CI
Mean	32.1 (SD ± 3.2)	27.2 (SD ± 2.7)	p < 0.0001	7.842 - 12.069
Total of 15 patients with recorded Medications	# of Medications at 5 years	Significance	95% CI	
Mean	1.067 (SD ± 1.24)	0.87 (SD ± 0.99)	p < 0.0001	1.20 - 2.27
Total of 20 Patients at 1 year	Free from Diabetes 15 (80%)			
Total of 20 Patients at 5 years	Free from Diabetes 11 (55%)			

55% complete DM2 remission

1-Year Post-op Follow-up

80% remission of DM2 was achieved

Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Mean HbA1c	11.2	10.4	9.5	10.1	9.0	8.9	8.9	8.1	8.5	8.9	8.9	8.9	7.7	8.9	8.1
Mean BMI	32.1	31.8	31.1	30.8	30.1	29.8	29.5	29.2	29.1	29.0	28.9	28.8	28.7	28.6	28.5
Mean Weight (kg)	130	125	120	118	115	114	113	112	111	110	110	110	109	109	109
Mean LDL (mmol/L)	2.8	2.5	2.2	2.3	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.1	2.0	2.1	2.1
Mean Triglycerides (mmol/L)	1.8	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4

