

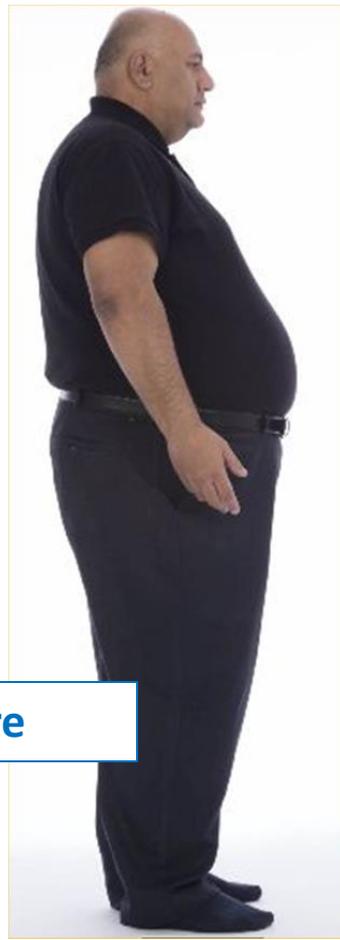
These patients are typical of our Endobarrier treated patients. The ones we included here are often the ones demonstrating additional benefits over above weight and HbA1c.

To view interviews with some of these patients, discussing their experience, use the following link:

<https://tinyurl.com/y4pwwokc>



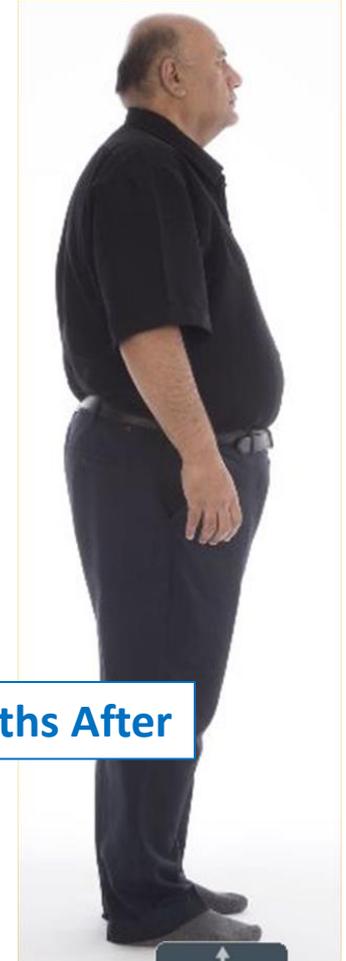
Before



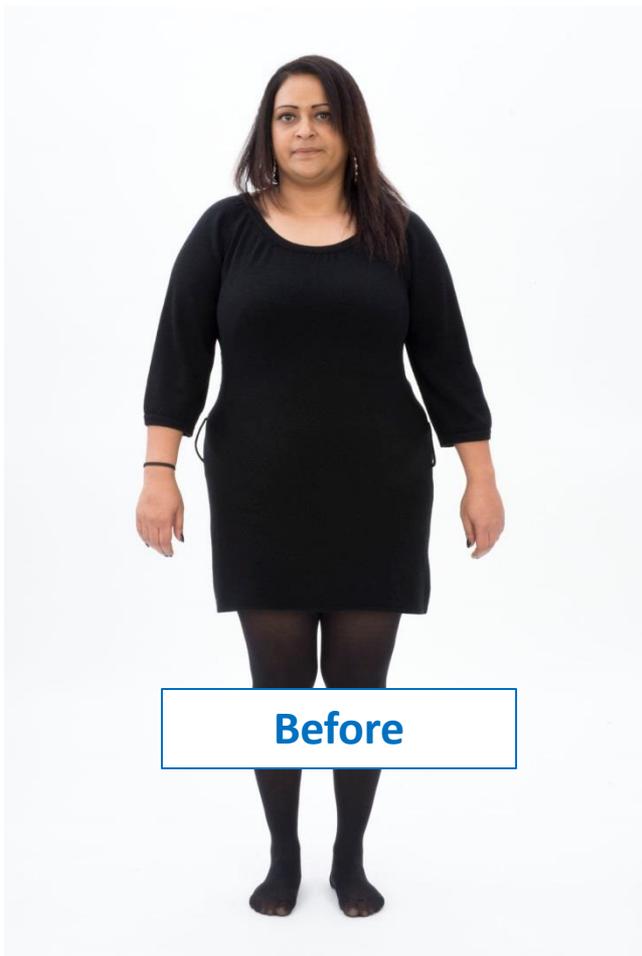
- HbA1c 109 mmol/mol (12.1%)
- Weight 136.9 kg
- BMI 44.7 kg/m²



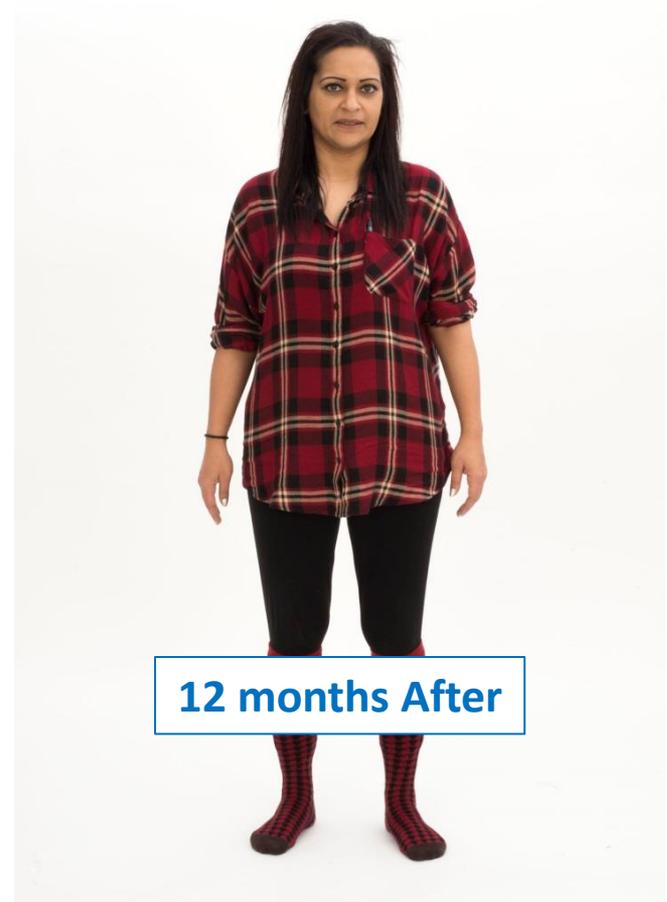
12 months After



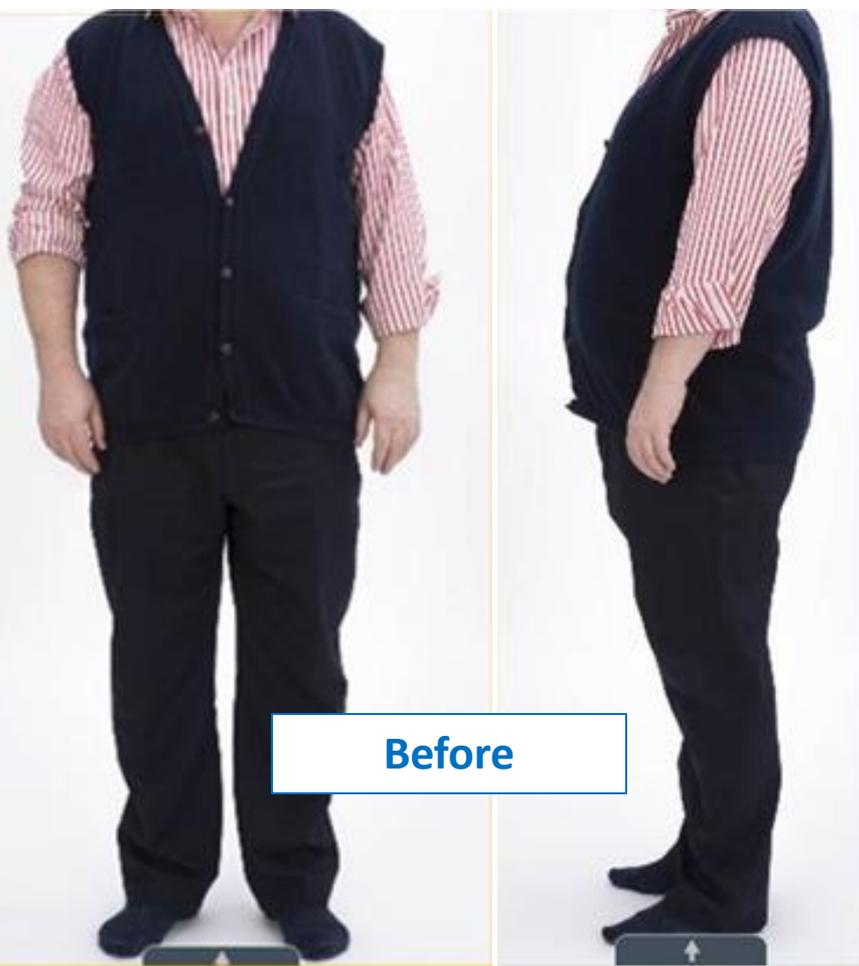
- HbA1c 58 mmol/mol (7.5%)
- Weight 115.0 kg
=Weight loss 21.9 kg (nearly 3.5 stone)
- BMI 37.6 kg/m²



- HbA1c 70 mmol/mol (8.6%)
- Weight = 82.9 kg
- **ALT = 86 U/L (Fatty liver)**
- BMI = 33.6 kg/m² (**Obese BMI**)



- HbA1c 51 mmol/mol (6.8%)
- Weight = 62.2 kg
=Weight loss 20.7 kg (over 3 stone)
- **ALT = 18 U/L (normal)**
- BMI = 24.8 kg/m² (**Normal BMI**)



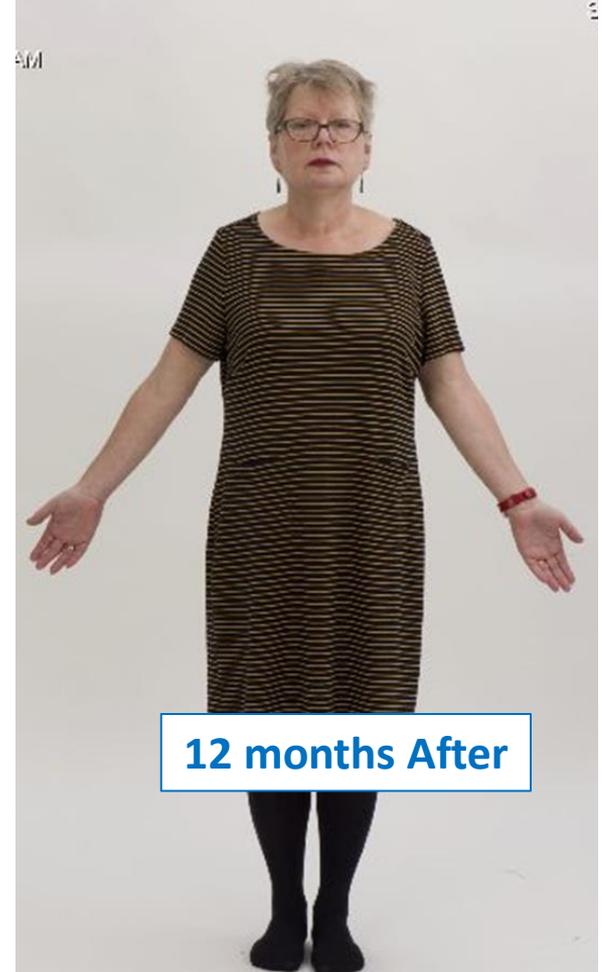
- HbA1c 77 mmol/mol (9.2%)
- Weight = 105.6 kg
- BMI = 35.3 kg/m²
- **Insulin 100 units**



- HbA1c 40 mmol/mol (5.8%)
- Weight 80.0 kg
=Weight loss 25.6 kg (over 4 stone)
- BMI 26.7 kg/m²
- **Insulin no longer required**



- HbA1c 61 mmol/mol (7.7%)
- Weight = 86.6 kg
- BMI = 35.1 kg/m²
- **Insulin 120 units daily**
- **Obstructive sleep apnoea requiring CPAP**



- HbA1c 43 mmol/mol (6.1%)
- Weight = 65.6 kg
=weight loss 21.0kg (over 3 stone)
- BMI = 26.2 kg/m²
- **Insulin 12 units daily**
- **CPAP no longer required**



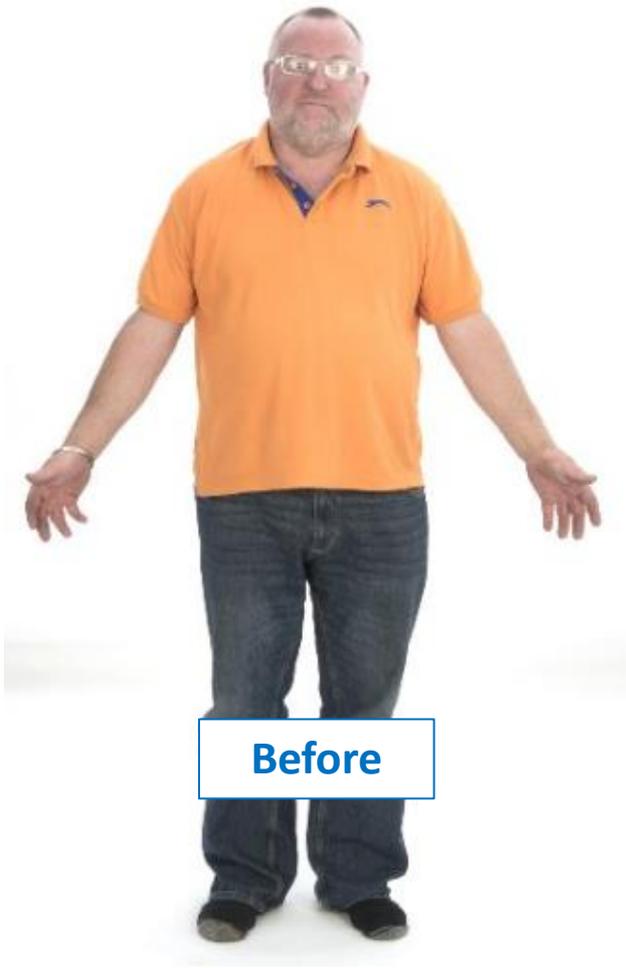
Before

- HbA1c 76 mmol/mol (9.1%)
- Weight = 116.4 kg
- BMI = 38.0 kg/m²
- Insulin 42units daily
- Idiopathic interstitial pneumonitis requiring ambulatory oxygen therapy

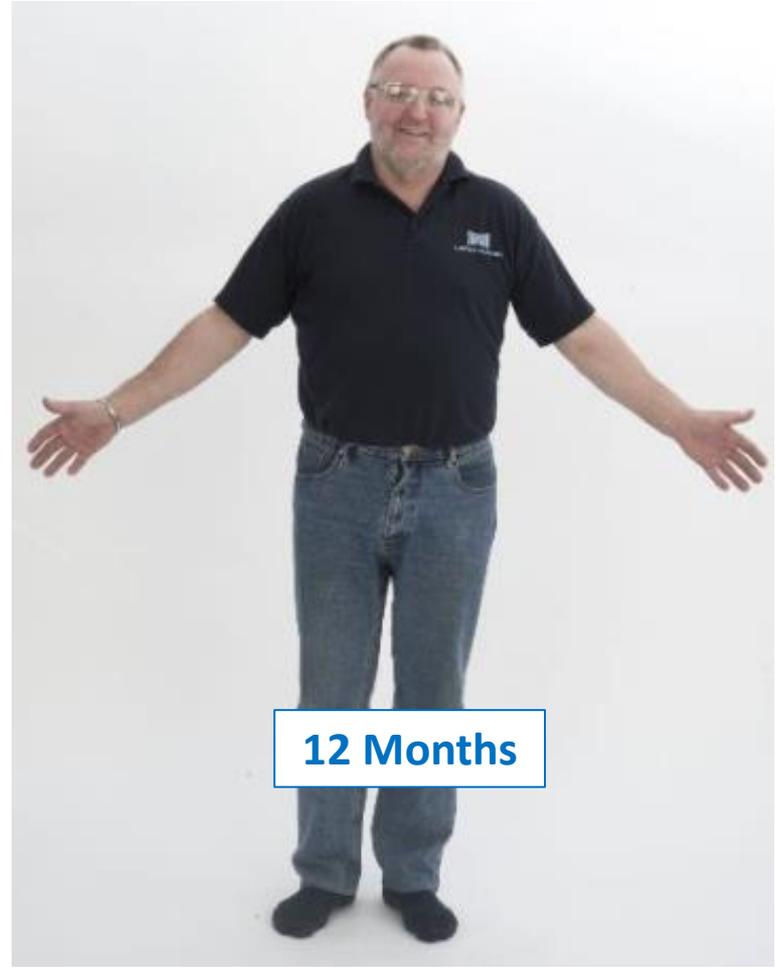


12 months After

- HbA1c 49 mmol/mol (6.6%)
- Weight = 88 kg
=Weight loss 28.4 kg (4.5 stone)
- BMI = 28.8 kg/m²
- Insulin no longer required
- Ambulatory oxygen therapy no longer required



- HbA1c = 112 mmol/mol (12.4%)
- Weight = 102.4 kg
- BMI = 34.4 kg/m²

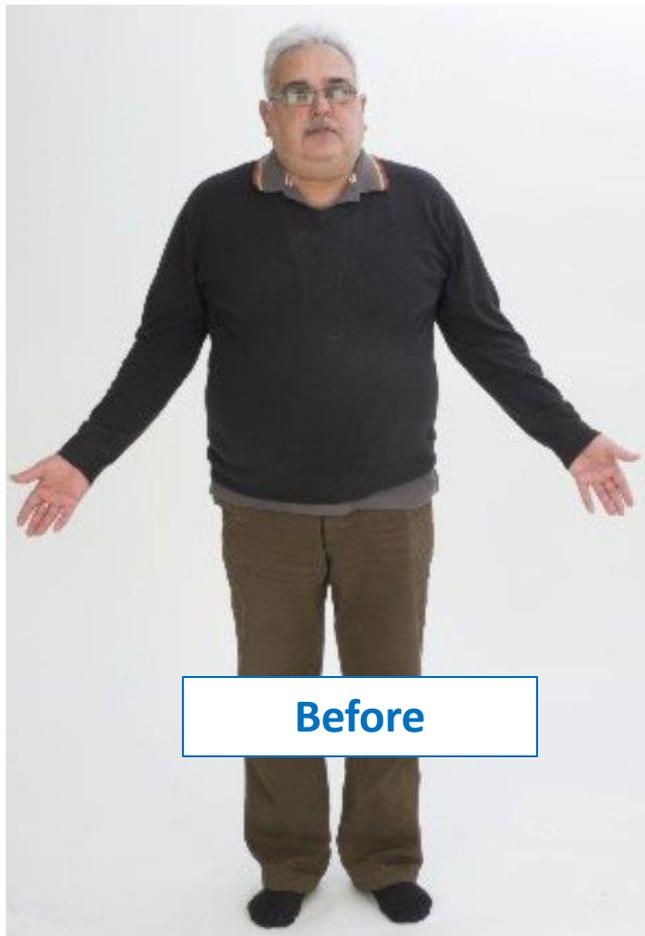


- HbA1c = 45 mmol/mol (6.3%)
- Weight = 91 kg
 - = Weight Loss 11.4 Kg (nearly 2 stone)
- BMI = 30.5 kg/m² (Obese)

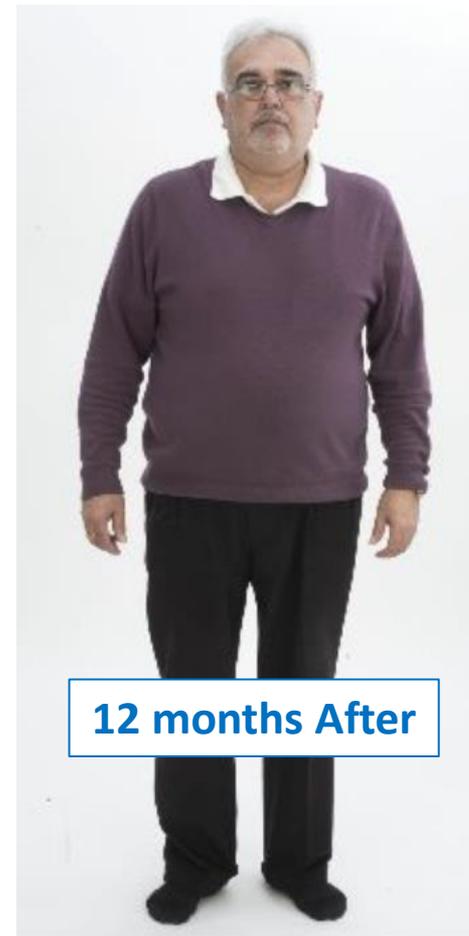


- HbA1c = 82 mmol/mol (9.7%)
- Wt = 86.4 kg
- BMI = 36.4 kg/m² (**Obese BMI**)
- **On sulphonylurea**

- HbA1c = 42 mmol/mol (6.0%)
- Wt = 53.6 kg
=Weight loss 32.8 kg (over 5 stone)
- BMI = 22.6 kg/m² (**Normal BMI**)
- **No longer requires sulphonylurea**
- *“Endobarrier was the best thing I have ever done”*



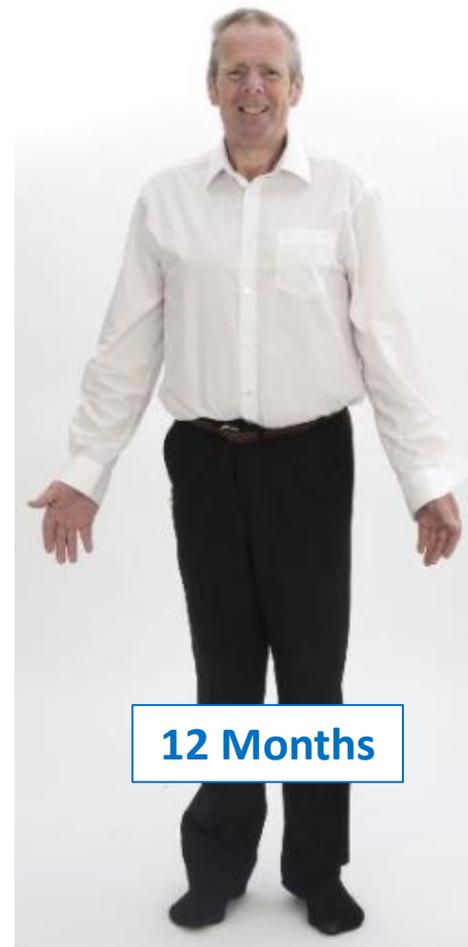
- HbA1c = 97 mmol/mol (11%)
- Wt = 124.6 kg
- BMI = 39.0 kg/m²
- **Maximum dose sulphonylurea**



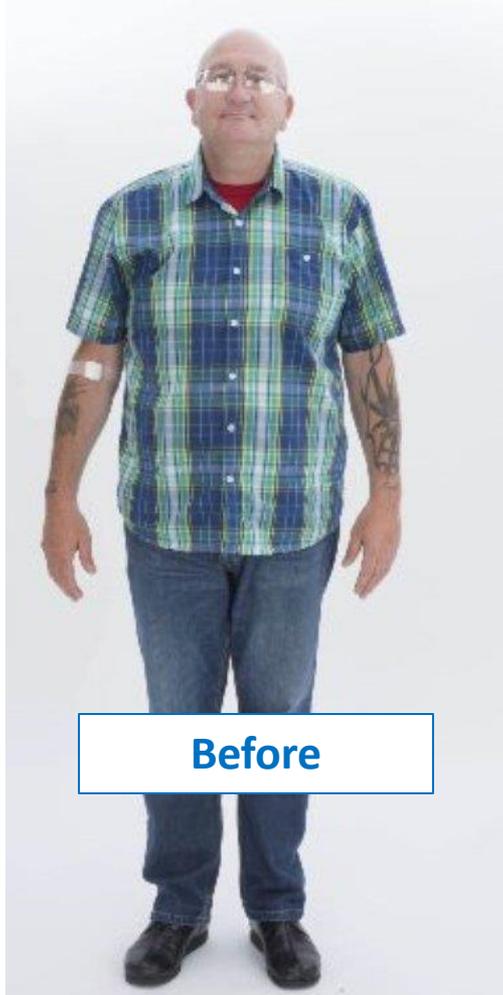
- HbA1c = 50 mmol/mol (6.7%)
- Wt = 106.8 kg
=Weight loss 17.8 kg (nearly 3 stone)
- BMI = 33.7 kg/m²
- **No longer requires sulphonylurea**
- **“Endobarrier has transformed my life”**



- HbA1c = 51 mmol/mol (6.8 %)
- Weight = 114.9 kg (18.9 stone)
- BMI = 37.1 kg/m²
- **Insulin 85 units**

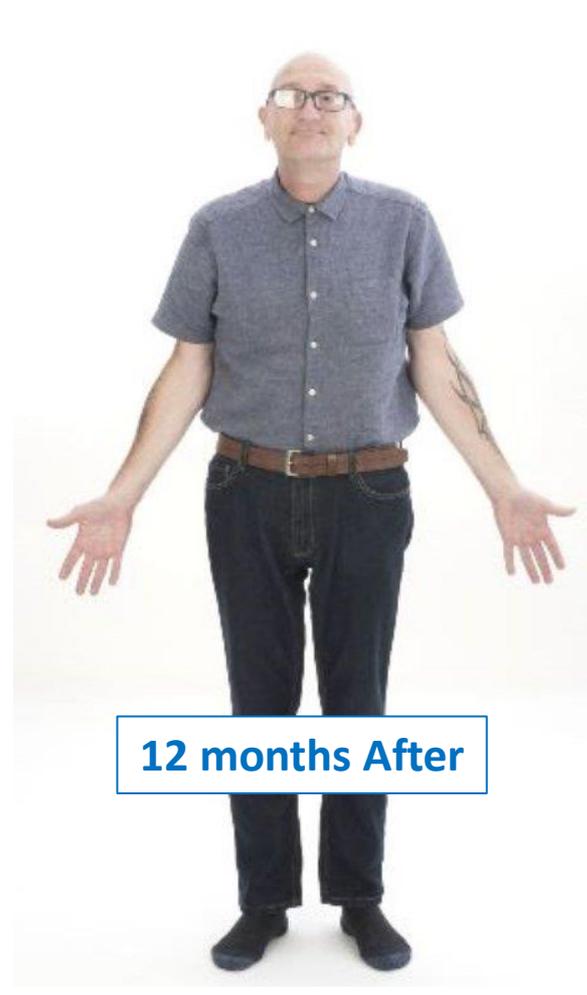


- HbA1c = 55 mmol/mol (7.2 %)
- Weight = 85 kg (13.4 stone)
 - = Weight loss 29.9 Kg (4.7 stone)
- BMI = 27.5 kg/m²
- **Insulin no longer required**



Before

- HbA1c = 64mmol/mol (8%)
- Wt = 98.2kg
- BMI = 31.3kg/m² (**Obese BMI**)
- **Insulin 80 units daily**
- **Professional driver (Taxis but would like to drive HGV)**



12 months After

- HbA1c = 57mmol/mol (7.4%)
- Wt = 76.8kg
=Weight loss 21.4 kg (well over 3 stone)
- BMI = 24.2kg/m² (**Normal BMI**)
- **Insulin no longer required**
- **Now off insulin so can drive heavy goods vehicles without issue which was his ambition**



- HbA1c = 69 mmol/mol (8.5 %)
- Wt = 92.4 kg
- BMI = 36 kg/m²
- **Insulin 147 units daily**
- **Creatinine 153 umol/L**
- **eGFR 30 mL/min/1.73m²**

- HbA1c = 50 mmol/mol (6.7 %)
- Wt = 73 kg = **weight loss 19.4 kg (3 stone)**
- BMI = 27 kg/m²
- **Insulin no longer required**
- **Creatinine 106 umol/L**
- **eGFR 46 mL/min/1.73m²**



Before

- HbA1c = 88 mmol/mol (10.2 %)
- Wt = 128.2 kg
- BMI = 36.5 kg/m²
- **Insulin 560 units daily**
- **Creatinine 348 umol/L**
- **eGFR 16 mL/min/1.73m²**



12 months After

- HbA1c = 61 mmol/mol (7.7 %)
- Wt = 108.9 kg = **weight loss 20.7 kg (over 3 stone)**
- BMI = 31.1 kg/m²
- **Insulin 140 units daily**
- **Creatinine 281 umol/L**
- **eGFR 20 mL/min/1.73m²**



- HbA1c = 54 mmol/mol (7.1%)
- Weight = 167.8 kg (26.4 stone)
- BMI = 47.5 kg/m²
- **Insulin 210 units**

- HbA1c = 48 mmol/mol (6.5%)
- Weight = 143.1 kg (22.5 stone)
 - = Weight loss 24.7 Kg (nearly 4 stone)
- BMI = 40.1 kg/m²
- **Insulin 40 units**





Before

- HbA1c 128 mmol/mol (13.9%)
- Weight = 102 kg
- BMI = 39.3 kg/m² (**Obese BMI**)
- **Insulin 260 units**



12 months After

- HbA1c 49 mmol/mol (6.6%)
- Weight 64.2 kg
=Weight loss 37.8 kg (nearly 6 stone)
- BMI 24.46 kg/m² (**Normal BMI**)
- **Insulin no longer required**



To maintain 260 units of insulin/day she required to use **316 insulin pens per year = £2553.44 or more**



- 1,095 blood glucose tests/year (at least **£440** = cheapest)
- 1,460 pen needles/year (at least **£89.25**)
- 1,095 lancing devices/year (at least **£71.06**)
- 3 sharps bins for sharps disposal/year (at least **£35**)



Before



- **Insulin 260 units = cost at least £3188.75/year**



12 months After



- **NO Insulin = Cost saving at least £3188.75/year**

Some of the above patients have
now reached one year or more
after removal of Endobarrier:



Before

- HbA1c 128 mmol/mol (13.9%)
- Weight = 102 kg
- BMI = 39.3 kg/m² (**Obese BMI**)
- **Insulin 260 units**



12 months

- HbA1c 49 mmol/mol (6.6%)
- Weight 64.2 kg
- **=Weight loss 37.8 kg (nearly 6 stone)**
- BMI 24.46 kg/m² (**Normal BMI**)
- **Insulin no longer required**



2.5 years

- HbA1c 59 mmol/mol (7.5%)
- Weight 67.6 kg
- BMI 25.7 kg/m²
- **Remains off Insulin:** 
- **474 insulin pens avoided**
- **since Endobarrier removed**



Before

- HbA1c 77 mmol/mol (9.2%)
- Weight = 105.6 kg
- BMI = 35.3 kg/m²
- **Insulin 100 units**



12 months

- HbA1c 40 mmol/mol (5.8%)
- Weight 80.0 kg
- **=Weight loss 25.6 kg (over 4 stone)**
- BMI 26.7 kg/m²
- **Insulin no longer required**



24 months

- HbA1c 33 mmol/mol (5.2%)
- Weight 81.02kg
- BMI 27 kg/m²
- **Still off insulin - improvement sustained**



Before

- Pre-endobarrier
- HbA1c = 61 mmol/mol (7.7%)
- Wt = 86.6 kg

- BMI = 35.1 kg/m²
- **Insulin 120 units daily**
- **Obstructive sleep apnoea requiring CPAP**



12 months

- 12 months Endobarrier
- HbA1c = 43 mmol/mol (6.1%)
- Wt = 65.6 kg
 - **Wt loss 21.0 kg (over 3 stone)**
- BMI = 26.2 kg/m²
- **Insulin 12 units daily**
- **CPAP no longer required**



24 months

- 12 months after Endobarrier
- HbA1c = 57 mmol/mol (6.1%)
- Wt = 66.2 kg

- BMI = 27.2 kg/m²
- **Insulin 16 units daily**
- **Remains off CPAP**



Before

- Pre-endobarrier
- HbA1c = 76 mmol/mol (9.1%)
- Wt = 116.4 kg

- BMI = 38.0 kg/m²
- **Insulin 42units daily**
- **Idiopathic interstitial pneumonitis requiring ambulatory oxygen therapy**



12 months

- 12 months Endobarrier
- HbA1c = 49 mmol/mol (6.6%)
- Wt = 88 kg
 - Wt loss 28.4 kg (4.5 stone)
- BMI = 28.8 kg/m²
- **Insulin no longer required**
- **Ambulatory oxygen therapy no longer required**



24 months

- 12 months after Endobarrier
- HbA1c = 47 mmol/mol (6.5 %)
- Wt = 92.2 kg

- BMI = 30 kg/m²
- **Regular gym – muscles building up**
- **Sill off insulin and ambulatory oxygen - improvement sustained**



Before



12 months



24 months

- HbA1c = 69 mmol/mol (8.5 %)
- Wt = 92.4 kg
- BMI = 36 kg/m²
- **Insulin 147 units daily**
- **Creatinine 153 umol/L**
- **eGFR 30 mL/min/1.73m²**

- HbA1c = 50 mmol/mol (6.7 %)
- Wt = 73 kg
 - weight loss 19.4 kg (3 stone)
- BMI = 27.1 kg/m²
- **Insulin no longer required**
- **Creatinine 106 umol/L**
- **eGFR 46 mL/min/1.73m²**

- HbA1c = 55 mmol/mol (6.7 %)
- Wt = 74.6 kg
- BMI = 27.7 kg/m²
- **Remains off insulin**
- **Creatinine 116 umol/L**
- **eGFR 41 mL/min/1.73m²**



Before

- Pre-endobarrier
- HbA1c = 70 mmol/mol (8.6%)
- Wt = 82.9 kg

- BMI = 33.6 kg/m²
- **ALT = 86 U/L (Fatty liver)**
- **Obese BMI**



12 months

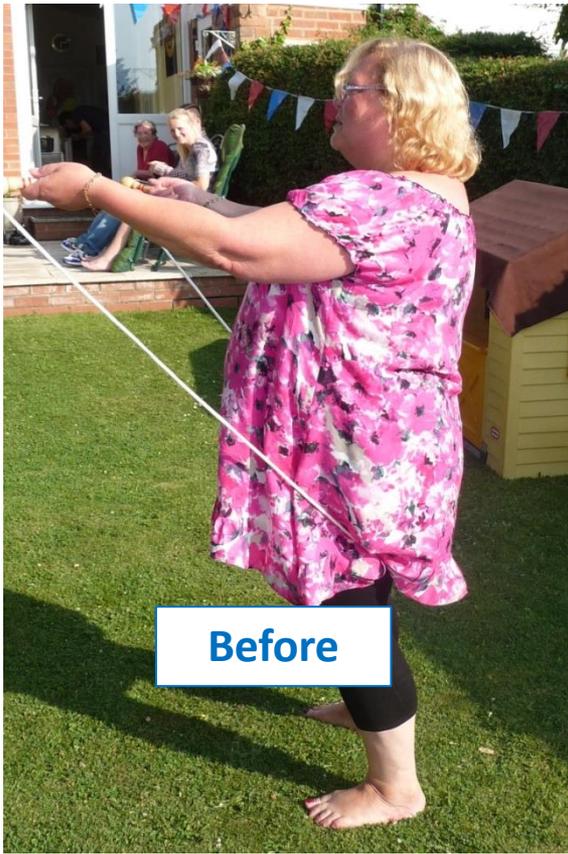
- 12 months Endobarrier
- HbA1c = 51 mmol/mol (6.8%)
- Wt = 62.2 kg
 - =Wt loss 20.7 kg (over 3 stone)
- BMI = 24.8 kg/m²
- **ALT = 18 U/L (normal)**
- **Normal BMI**



4 years

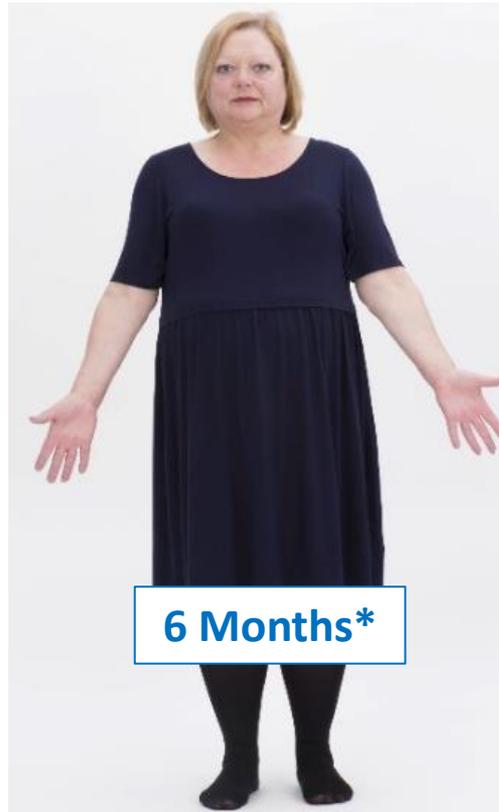
- 4 years after Endobarrier
- HbA1c = 43 mmol/mol (6.5%)
- Wt = 55.8 kg

- BMI = 22 kg/m²
- **ALT = 10 U/L**
- **Improvement sustained**



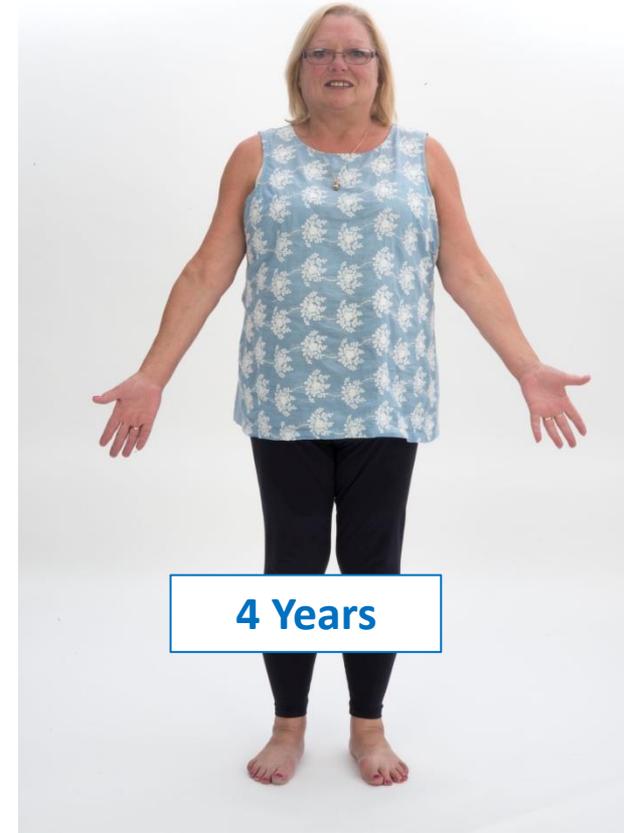
Before

- HbA1c = 75 mmol/mol (9 %)
- Weight = 109.4 kg
- BMI = 43.8 kg/m² (obese)
- **Insulin 96 units**



6 Months*

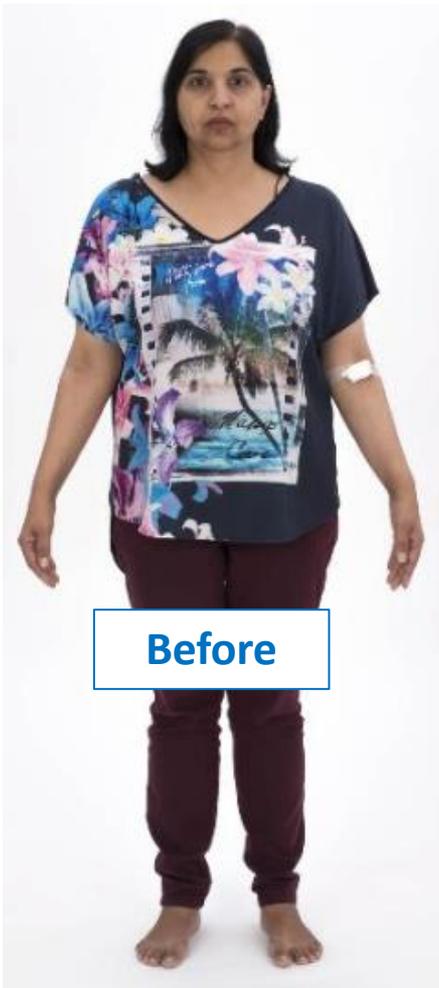
- HbA1c = 47 mmol/mol (6.4%)
- Weight = 90 kg
= Weight loss 19.4 Kg (over 3 stone)
- BMI = 36..2 kg/m²
- **Insulin 22 units**



4 Years

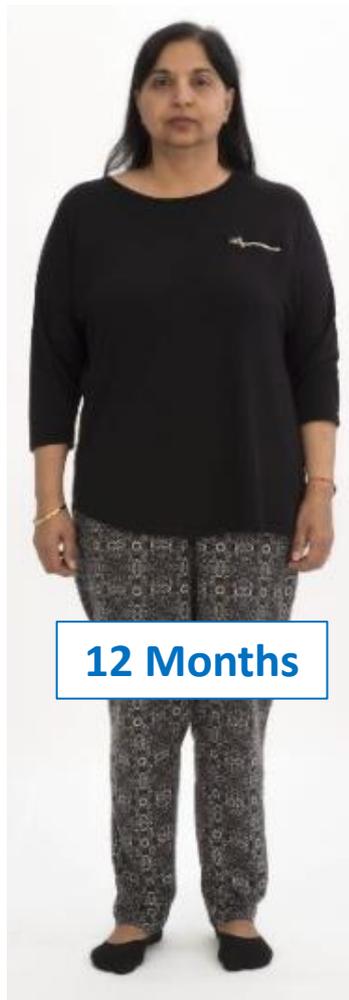
- HbA1c = 54 mmol/mol (7.1%)
- Weight = 86.4 kg
- BMI = 34.8 kg/m²
- **Insulin no longer required**

*EndoBarrier removed after 6 months because of pain – at explant the device was found to have migrated. Nevertheless she experienced considerable benefit from the 6 months with EndoBarrier and would strongly recommend the treatment



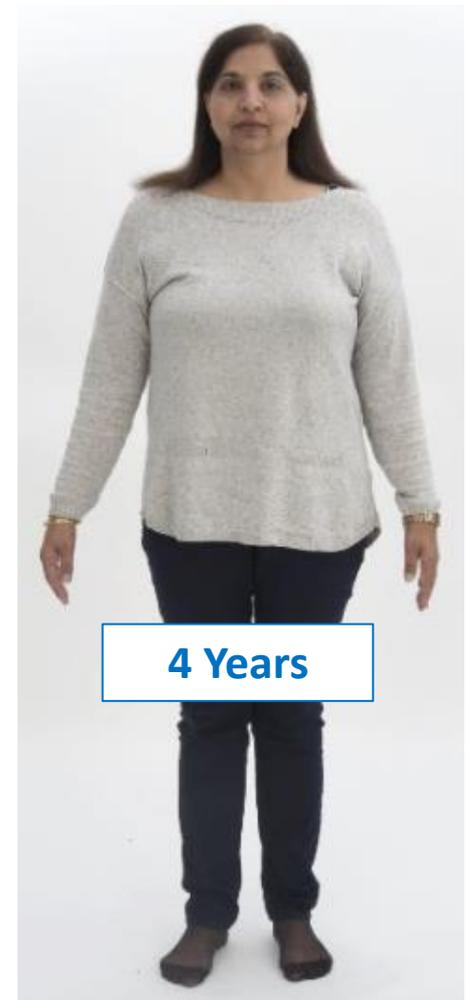
Before

- HbA1c = 66 mmol/mol (8.2%)
- **Weight = 83.8 kg**
- BMI = 32.77 kg/m² (obese)



12 Months

- HbA1c = 54 mmol/mol (7.1%)
- Weight = 68.8 kg
- = Weight loss 15 Kg (nearly 2.5 stone)
- BMI = 26.9 kg/m²



4 Years

- HbA1c = 45 mmol/mol (6.3%)
- Weight = 69.8 kg
- BMI = 27.3 kg/m²