



A *DiRECT* approach in NZ: weight loss for type 2 diabetes and prediabetes in primary care

We ran a 12-month trial to see if *DiRECT* was a useful weight loss strategy here in Aotearoa New Zealand.

DiRECT is total diet replacement for 3 months, then supported food reintroduction and weight loss maintenance until 12 months

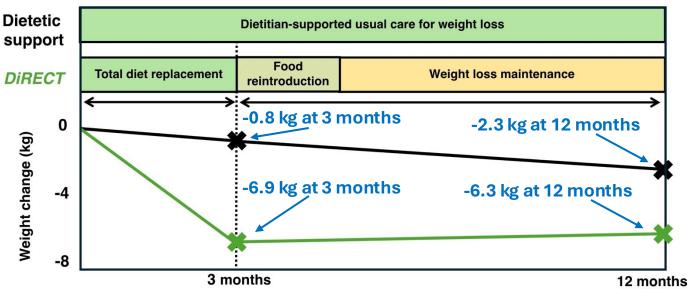
Our 40 participants..

- ✓ Had T2 or prediabetes
- ✓ Had a BMI ≥30
- ✓ Wanted to lose weight
- √ 80% were Māori or Pacific



We found that *DiRECT* led to 6.9 kg average weight loss after 3 months, which was largely maintained at 12 months.

The control group, who had ongoing Dietetic support, also lost weight but this was a slower and smaller weight loss than *DiRECT* participants.



Study findings indicate that *DiRECT* can be an effective weight loss strategy for people with type 2 diabetes or prediabetes in Aotearoa New Zealand.

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The body weight data indicated *DiRECT* "worked" but what did people think of it?

Starting total diet replacement was hard, but after that it was easier than expected:

"Those first three days were incredibly challenging...but after that...
the more I got into it the more I felt I could stick to it."

Participants found early and rapid weight loss motivating:

"You see results quickly, and those results motivate you to keep going."

The **routine and convenience** of total meal replacement kept things simple:

"All I had to do was pick the next one."

Reintroducing food after total diet replacement was really challenging. People worried about slipping back into old habits:

"I'm just trying to prevent myself from going back to those bad habits now that I'm slowly going back onto real food. I'm finding it hard."

The study was an overall **positive experience**, preparing participants for **long-term lifestyle change**:

"This study's just allowed me to actually hone in on that long-term lifestyle change as opposed to quick fixes."

Study findings indicate that *DiRECT* can be an acceptable weight loss strategy for people with type 2 diabetes or prediabetes in Aotearoa New Zealand.

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