









DiRECT: A new paradigm for pathophysiology and management of type 2 diabetes (diabetes adipositus)

DiRECT/Counterweight-Plus intervention



1. Total Diet Replacement ('12 weeks')
Nutritionally complete (vitamins & minerals)
830 kcal: 61%E carb, 13% fat, 26% protein



2. Stepped Food Reintroduction
Add a ~400kcal meal every 2-3 weeks
Step-counters: gradually increase PA



3. Weight Loss Maintenance
Food-based diet +/- meal replacements
50%E carbohydrate, 35% fat, 15% protein
Offer Relapse Management (regain >2kg)

Visits 2-4 weekly, at own primary care centres
Programme delivered by usual primary care staff



DIABETES UK KNOW DIABETES. FIGHT DIABETES.

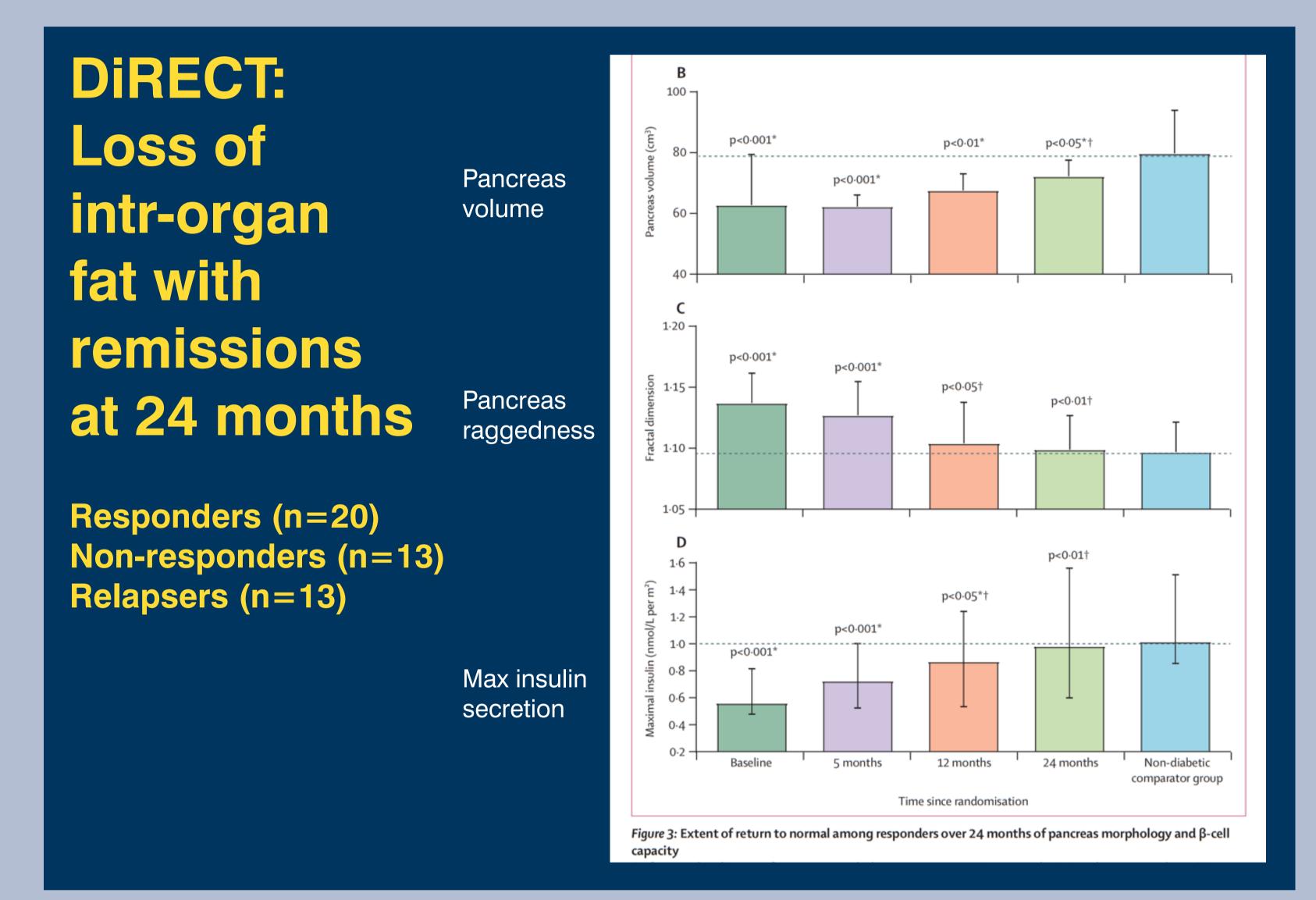


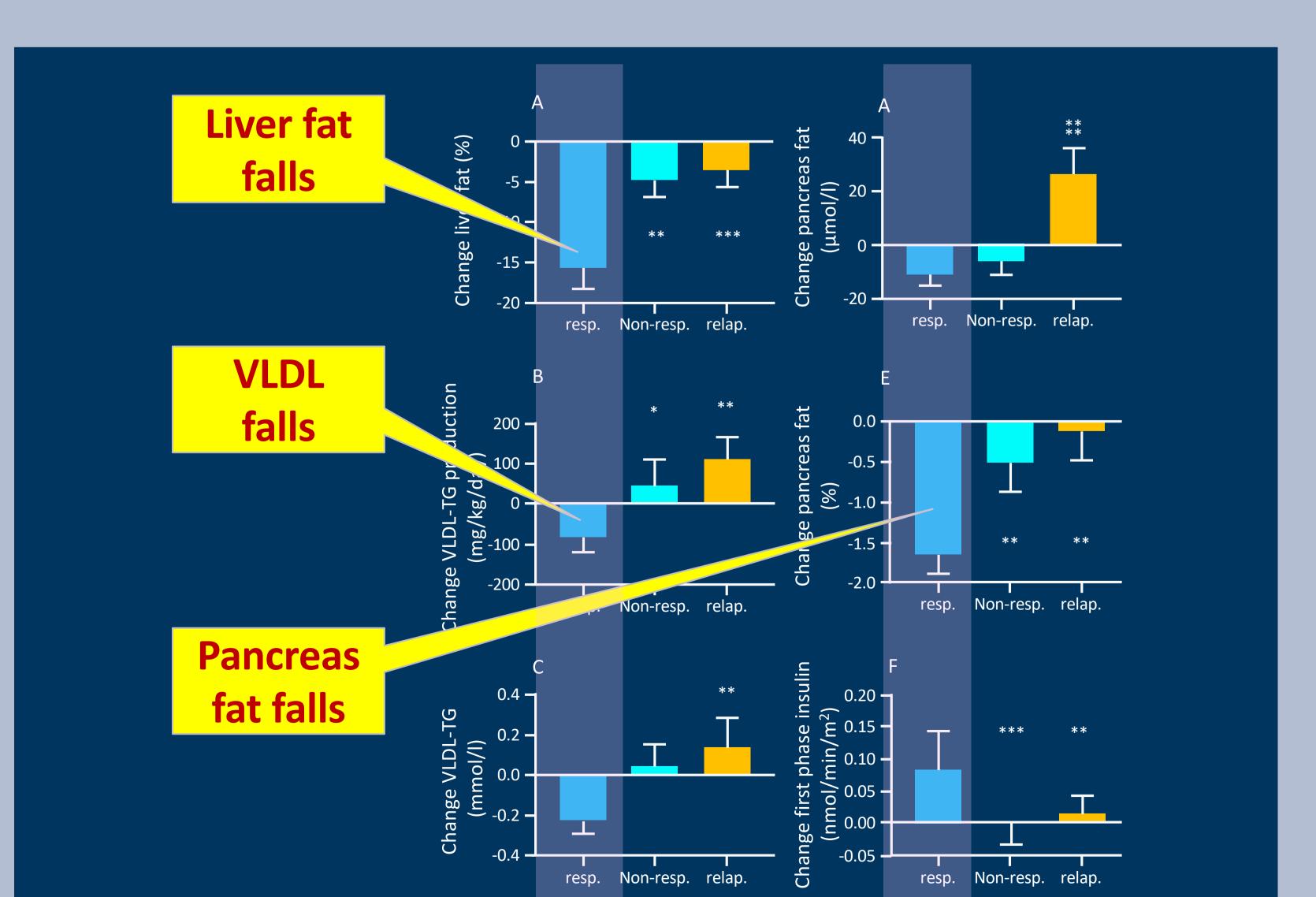
Mike Lean, University of Glasgow Roy Taylor, Newcastle University DiRECT was funded by Diabetes UK

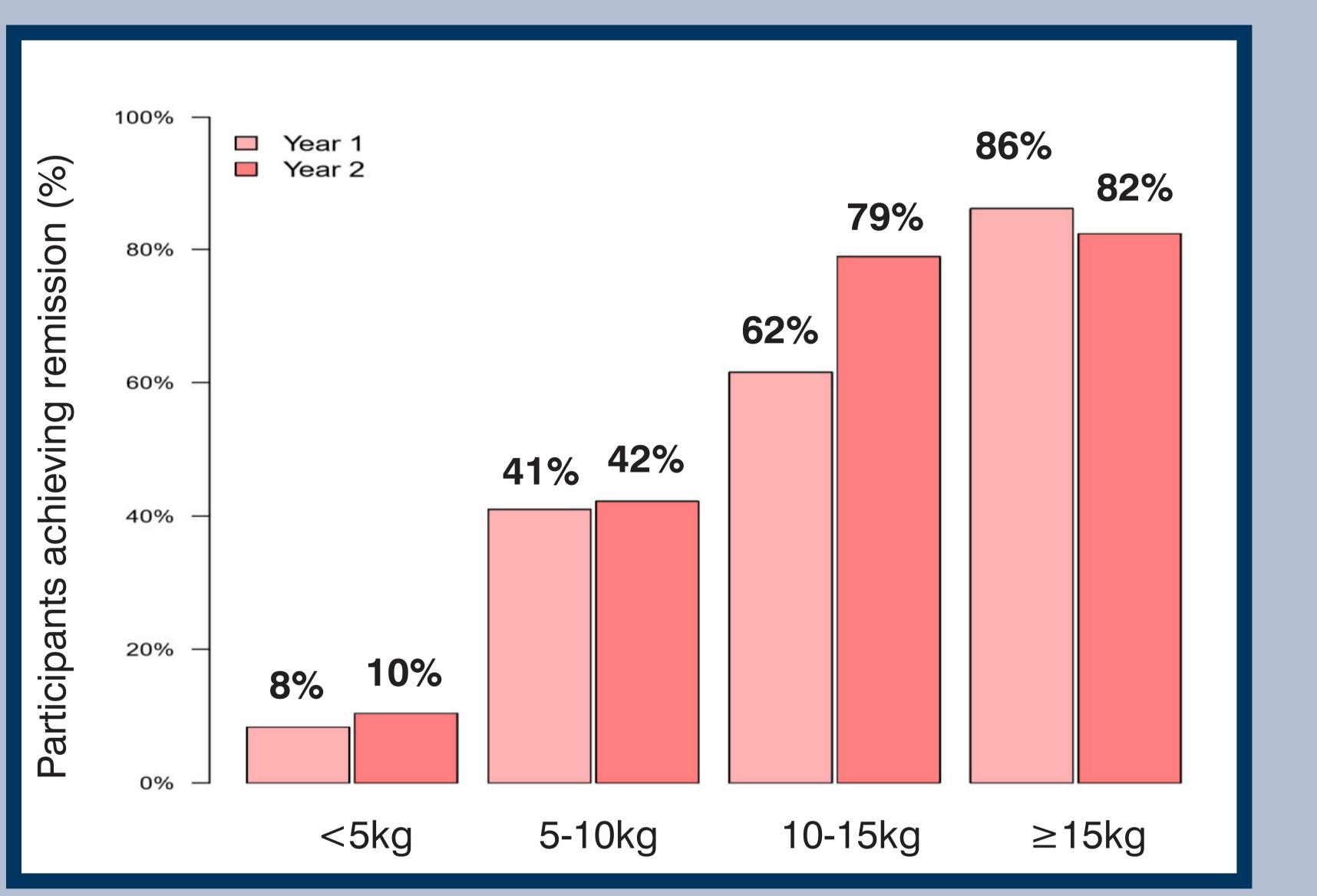


Rank Prize for Nutrition, 2024
Professor Mike Lean (Glasgow and
Professor Roy Taylor (Newcastle)

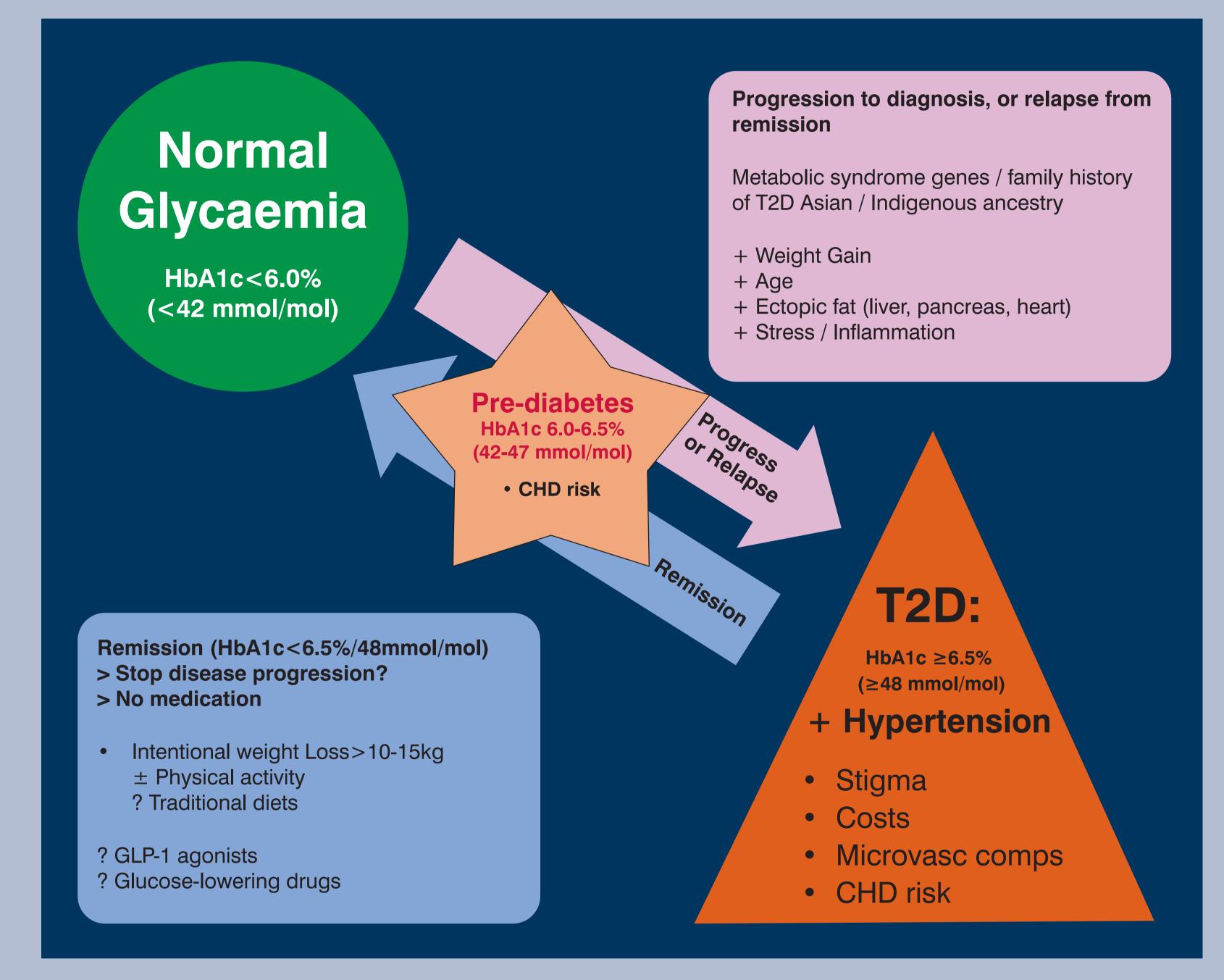












- Diabetes Remission is now a priority Management Target
- Diabetes UK. EASD Guidelines (2023)
- •NHS England: 20,000 patients receiving T2D Remission programmes
- NHS Scotland: T2D Remission programmes in all Health Boards
- 'DiRECT Principles' intervention adopted for Programmes worldwide;
- Collaborative research in Qatar, Australia, New Zealand, Malaysia, Singapore, Nepal

www.directclinicaltrial.org.uk