

Integrating Whole Genome Sequencing and Digital Twins Into the Management of Hypercholesterolemia in Emiratis

NCT06535542

Status	RECRUITING
Phase	Not Applicable
Sponsor	Abu Dhabi Health Services Company
Enrollment	40 participants

Key Eligibility Criteria

Inclusion (6)

- Patients with 2 or more LDL-C levels greater than 190 mg/dL or 5.0 mmol/L in the past 12 months
 - Undiagnosed patients meeting Possible, Probable or Definitive FH criteria according to Dutch Lipid Clinic Network (DLCN) criteria (Eur Heart J. 2011 Jul;32(14):1769-818. doi: 10.1093/eurheartj/ehr158. Epub 2011 Jun 28.)
 - Patients who have not been on anti-lipidemic medication in the past 3 months
 - Ages 18-55
 - Emirati national
- ... and 1 more (see full listing online)

Exclusion (6)

- Patients who do not meet the above criteria
 - Patients with a previous diagnosis of FH
 - Patients with a progressive debilitating illness
 - Patient with untreated hypothyroidism, history of proteinuria, obstructive liver disease, chronic renal failure, human immunodeficiency virus infection, or on immunosuppressant or steroid or psychiatric medications
 - Patients with untreated clinical anxiety or depression (as measured by a Hospital Anxiety and Depression Scale (HADS) score of \geq 16 on the depression subscale)
- ... and 1 more (see full listing online)

Locations (1 total)

Abu Dhabi Health Research Center, Abu Dhabi, Abu Dhabi Emirate, United Arab Emirates