



*This guidance is only valid as an electronic version.

There may be other reasons for referral that fall outside these specific measurements.

Refer these direct to the nearest lipid clinic offering gene testing

Suspected familial hypercholesterolaemia (FH) (see opposite)

With/Plus

1st degree relative with known gene mutation (in LDL-R, APOB or PCSK9) causing FH

OR

Patient or first degree relative with Tendon Xanthoma

OR

Premature corneal arcus (guide: any arcus by age 35, full circle arcus before 50)

OR

Calculated Modified Dutch Lipid Clinic Score of 6 or more. (Use

https://nhshd15.pythonanywhere.com/lipidsnew/default/genotype_calc to calculate score)

Refer to Regional Familial Hypercholesterolaemia and Cascade Screening Service

Please initiate 20mg Atorvastatin therapy while waiting for referral
(where possible)

Leeds Teaching
Hospitals NHS
Foundation Trust
(St James')

Calderdale and
Huddersfield
Teaching Hospitals
NHS Foundation
Trust
(Huddersfield
Royal)

York Teaching
Hospitals NHS
Foundation Trust
(York)

Hull University
Teaching Hospitals
NHS Foundation
Trust
(Castle Hill)

Refer these to local hospital lipid clinic

Suspected familial hypercholesterolaemia (FH)

In each case measure full lipid profile (repeat fasting if needed) to ensure triglyceride < 4.5 mmol/L

- Cholesterol > 9 mmol/L or non-HDL cholesterol > 7.5 mmol/L **OR**
- Cholesterol > 7.5 mmol/L when age under 30 **OR**
- Patient has a history of coronary artery disease before age 60 **AND** Cholesterol > 7.5 mmol/L or LDL-cholesterol > 4.8 mmol/L **OR**
- Family history of coronary heart disease before age 60 **AND** Cholesterol > 7.5 mmol/L or LDL-cholesterol > 4.8 mmol/L **OR**
- Patient has premature corneal arcus (guide: any arcus by age 35, full circle arcus before 50) **AND** high cholesterol or family history of premature coronary disease.

- Where appropriate those clinics will assess MDLCN score and refer onwards for gene testing

Hypertriglyceridemia (which is not due to excess alcohol or uncontrolled diabetes)

- triglyceride > 20 mmol/L **OR**
- triglyceride 10 - 20 mmol/L which persists on a fasting lipid profile **OR**
- triglyceride 4.5 - 9.9 mmol/L **WITH** non-HDL cholesterol > 7.5 mmol/L

Statin intolerance

Intolerance of 3 or more statins **OR** severe adverse reaction to one statin **AND** Needing statin for secondary prevention or primary prevention with high risk

Referral to Local Lipid Clinic / Advice & Guidance / e-consult (not regional lipid service)

Please initiate 20mg Atorvastatin therapy while waiting for referral (where possible) ensure at least one full lipid profile before starting Atorvastatin.
Specialist Lipid clinics may initiate new therapies e.g. PCSK9i

Airedale
(Dr Koko)

Bradford
(Dr Whitelaw)

Calderdale and
Huddersfield
(Dr Mitchell)

Harrogate
(Dr Maguire)

Leeds
(Dr Mansfield / Dr
Stuart)

Mid Yorks
(Dr D'Costa)