GIG CYMRU NHS WALES | Bwrdd Iechyd Prifysgol Bae Abertawe | Swansea Bay University Health Board

Familial Hypercholesterolaemia (FH) Algorithm for Primary Care

Suspected FH should be considered in those patients who have a raised total cholesterol concentrations, especially if there is a personal or family history of premature coronary heart disease

Adults

If patient has a premature family history and/ or clinical signs

Undertake cholesterol test and blood sugar

If the patient has a total cholesterol >7.5mmol/L or LDL cholesterol > 4.9mmol/L and/or clinical signs/ family history

Undertake TFT, LFT and fasting glucose to exclude secondary causes including:

- hypothyroidism
- diabetes mellitus
- nephrotic syndrome
- cholestasis

Refer to Lipid Clinic using dedicated referral template

Contact Details:

Morriston Hospital- Dr Andar Gunneberg or Hilary Durrant, Consultant Chemical Pathologist, Biochemistry Department
Tel: 01792 703987/ WHTN 01789 3987

Princess of Wales Hospital- Dr Adam Cookson, Consultant Chemical Pathologist, Biochemistry Department
Tel: 01656 752339/ WHTN 01855 2339

Children (under 16 years of age)

If there is a definite family history of FH

Undertake cholesterol test
(fasting is not required)

If the patient has a total cholesterol >6.7mmol/L or LDL cholesterol > 4.0mmol/L

Refer to paediatric clinic.

Contact details:

Morriston Hospital- Dr Christopher Bidder, Paediatric Consultant,
Tel: 01792 530745/ WHTN 01883 0745