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FH (familial hypercholesterolaemia) GENETICS REQUEST FORM

	*2 what the dEDTA and a
irst name:Surname:	*2 whole blood EDTA samples requi
atient address:	
	SJH Laboratory number
OOB:: Sex: Vard/Clinic: Hospital No	
Referral Information:	
Consultant's name:	
Address of requesting consultant:	Hospital:
Name of referrer Title/pos	ition: Ext/Bleep:
Clinical Information:	
Pre-treatment Total cholesterol: mmol/L Pre	e-treatment LDL cholesterol: mmol/L
Pre-treatment Triglyceride: mmol/L	Lipoprotein (a) if known: nmol/L
Is patient on Lipid lowering treatment? (Y/N) If yes	s state name of lipid medication, dosage and duration of
treatment:	
Current Total cholesterol: mmol/L Cu	rrent LDL cholesterol: mmol/L
Current Triglyceride: mmol/L	
Does the patient have xanthomata? (Y/N) If yo	es indicate location?
Ethnic origin:	
Relative with known FH-causing variant? (Y/N) If	yes, provide known variant detail:
Informed Consent Information: <i>Please retain ort</i>	iginal consent form in patient file.
Patient has signed consent form? (Y/N) Patient	nt signature:
Specimen Information	
Date Taken:	(for internal use only: Date received:

Please note that samples arriving without confirmed informed consent by signature and completed questionnaire will not be

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processed.

P.T.O

Appendix:

Dutch Lipid Clinic Network Criteria for diagnosis of Familial Hypercholesterolemia in Adults

Criteria	Please circle
	Score
Family history	
First-degree relative with known premature coronary and/or vascular disease	1
(men <55 years, women <60 years)	
<u>or</u>	
First-degree relative with known LDL-cholesterol above the 95th percentile for	
age and sex	
First-degree relative with tendinous xanthomata and/or arcus cornealis	2
<u>or</u>	
Children aged less than 18 years with LDL-cholesterol above the 95th	
percentile for age and sex	
Clinical history	
Patient with premature coronary artery disease	2
(men <55 years, women <60 years)	
Patient with premature cerebral or peripheral vascular disease	1
(men <55 years, women <60 years)	
Physical examination: Exclusive of each other	
(i.e. maximum 6 points if both clinical signs are present)	
Tendinous xanthomata	6
Arcus cornealis prior to age 45 years	4
LDL-cholesterol (mmol/L)	0
LDL-C≥8.5	8
LDL-C 6.5–8.4	5
LDL-C 5.0-6.4	3
LDL-C 4.0-4.9	1
DNA analysis	
This patient has a causative variant in the <i>LDLR</i> , <i>APOB</i> or <i>PCSK9</i> gene	8
PATIENT TOTAL SCORE:	
STRATIFICATION	Total score
Definite FH	>8
Probable FH	6–8
Possible FH	3–5
Unlikely FH	<3

Consent form for Diagnostic Genetic Testing on patient

BIOCHEMICAL GENETICS, BIOCHEMISTRY DEPARTMENT, ST JAMES'S HOSPITAL, DUBLIN Tel: +353 1 4162935

Patient	t nai	ne:
DOB:		
Addres	ss:	
Hospit	al:	
•		egistration number:
		I,
	far	at I have a genetic variant predisposing to Familial Hypercholesterolaemia and that other mily members may therefore be at risk of developing this condition
b. c.		at I do not have genetic evidence of Familial Hypercholesterolaemia at I carry a strong genetic susceptibility for developing a polygenic hypercholesterolaemia
d.		ich can produce an FH-like clinical phenotype at the test results are indeterminate or difficult to interpret
		gnature of patient/parent/guardian:
	Da	te:
	I h dis	r Medical Staff: ave explained in detail to the above patient the principles and implications of genetic testing for the order. Given the clinical information available at this juncture I believe this test to be in the best erests of the patient.
	Sig	gnature: Date:
		me (Printed):
	Me	edical Council registration number: