

**SUPPLEMENTAL INFORMATION:**

<b>Ethnicities</b>	<b>FH related terms</b>
African-American	Aortic valvular lesions
Ameri-Indian	Apolipoprotein B mutation
Asian	Arcus senilis
Asian-American	Cascade screening
Black	Cerebral vascular accident
Continental ancestry	Coronary artery disease
Ethnic groups	Familial hypercholesterolemia
Hispanic-American	Founder effect
Hispanic/Latino	Heterozygous familial hypercholesterolemia
Indian	Homozygous familial hypercholesterolemia
Minority groups	Hyperlipoproteinemia type II
Native-American	LDL receptor mutation
Oceanic ancestry group	PCSK9 mutation
Pacific islander	Premature cardiac disease
	Severe hypercholesterolemia
	Stroke
	Xanthomas

**Supplemental Table S1:** MeSH terms applied in search strategy

**Search Strategy:** For the identification of suitable publications for our analysis we followed the PRISMA Statement. Data collection and analysis were performed from January to July 2016 from PubMed and SciELO. Identified records were published between 1982 and 2016. All publications in English and Spanish were obtained in full-version and were considered for our analysis. Publications in languages different to English or Spanish were reviewed, and excluded due to non-compliance of the inclusion criteria. Every ethnicity that was considered of interest for the publication was searched with every FH related term, obtaining a total of 19,658 identified records. Posterior to reviewing in detail and exclusion

according to the variables of interest, a total of 30 articles were included in this review. Publications of the following countries were identified and included: Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, French Guiana, Guadeloupe, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Barthel, Saint Martin, Uruguay, Venezuela, Portugal, Spain, and United States of America.

Variables of Interest
Age
CHD (%)
CHD Fam Hist (%)
Country
FH Diagnosis
Follow-up in years
HeFh and HoFH
Male (%)
Mean Cholesterol at Diagnosis (mg/dL)
Mean LDL-c at Diagnosis (mg/dL)
Mutation Reported
Patients under treatment with statins
Presence of xanthomas (%)
Reference and Publication Year
Sample Size
Study Type

**Supplemental Table S2:** Identified variables of interest for inclusion of publications

**Inclusion criteria:** All publications found to include any of the previous ethnicities, plus any of the FH related terms were included. For the analysis of the included publications, data containing the variables of interest was obtained for the purpose of this review.