



UNIVERSITÀ
DEGLI STUDI
DI PALERMO

Dottorato di Ricerca in Biomedicina e Neuroscienze

Coordinatore: Prof. Giovanni Zummo

Sede Amministrativa: Dipartimento di Biomedicina Sperimentale e Neuroscienze Cliniche

AVVISO DI SEMINARIO

Martedì 30 Luglio 2013, ore 11:00

Aula "E. Nesci", Sezione di Anatomia Umana

Dipartimento di Biomedicina Sperimentale e Neuroscienze Cliniche

Via del Vespro 129, Palermo

Manisha Chandalia, M.D.*

Associate Professor of Medicine

Director, Endocrine fellowship program

Director of Stark Diabetes Center

University of Texas Medical Branch, Galveston (TX), U.S.A.

Familiar hypercholesterolemia: new insights

Abstract

Familial hypercholesterolemia (FH) is an inherited genetic disorder causing high cholesterol concentrations and increased risk of premature coronary heart disease. Untreated, FH leads to substantial CVD risk in men and women. Mean age of onset of cardiovascular events in men with FH is early 40s; women early 50s. Although <5% of acute MIs occur in persons ≤ 40 yrs of age, the presence of the familial hypercholesterolemia phenotype is associated with a 20-fold increase in risk of MI by age 40. All genetic mutations reported for FH lead to impaired LDL receptor function and decreased LDL removal. Though FH is a treatable disease, it is underdiagnosed and undertreated. Earlier recognition and appropriate treatment can decrease the risk of developing CHD. Universal screening and cascade screening can be two different approaches which can lead to early identification of patients with FH. Early treatment to lower cholesterol has shown significant reduction in coronary artery disease morbidity and mortality. Newer modalities of treatment such as Lomitapid and mipomersen are now available for homozygous FH.

Brief biosketch:

Positions and Employment

2008- present: Associate Professor of Internal Medicine, Division of Endocrinology and Metabolism; Director, Stark Diabetes Center, UTMB, Galveston, TX

2010- present: Endocrine fellowship program director, UTMB, Galveston, TX.

Other Experience and Professional Memberships

2003- present: Association of Clinical Endocrinology and Metabolism

2003- present: American Diabetes Association

2003- present: American Heart Association

2010- present: Graduate Medical Education committee member, UTMB, Galveston, TX

2013-2016 Board member of Southwest chapter of National Lipid Association

2013-2016 Board member of American Board of Clinical Lipidology



In cooperazione con:

