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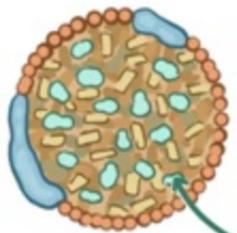
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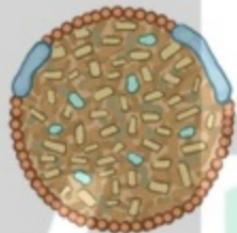
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VLDLs
 ~ DIFFERENT LIPOPROTEINS
 ~ MORE CHOLESTEROL

vs

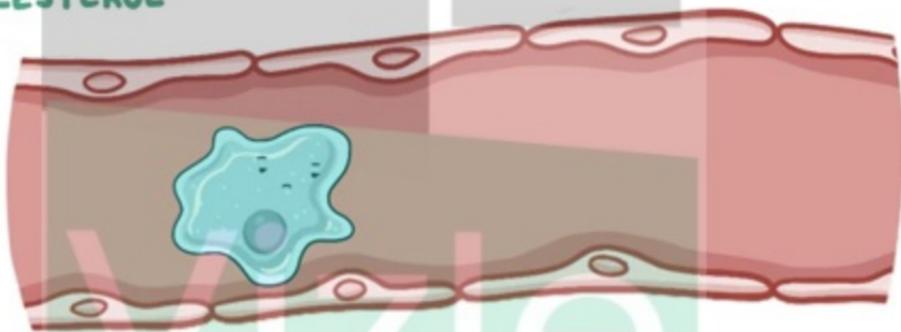


CHYLOMICRONS

* IDL (INTERMEDIATE DENSITY LIPOPROTEIN)



* LDL



INTRODUCTION

CLINICAL
MANIFESTATIONS

CLASSIFICATION

FAMILIAL

ACQUIRED

ABETALIPO-
PROTEINEMIA

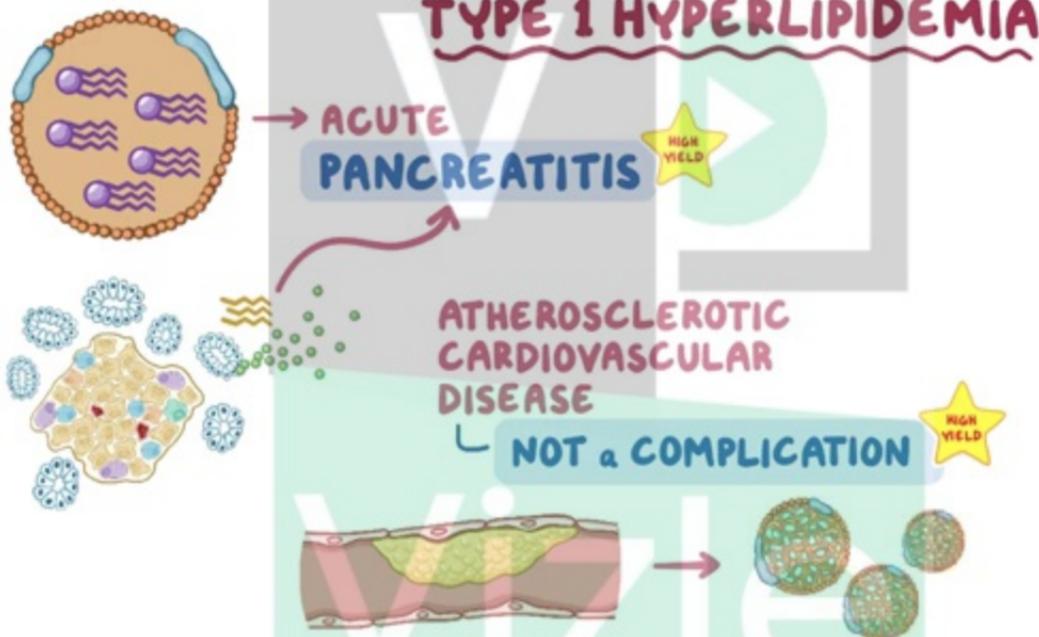
REVIEW

SUMMARY

PRIMARY (FAMILIAL) HYPERLIPIDEMIAS

TYPES 1-4

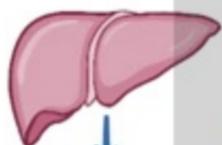
TYPE 1 HYPERLIPIDEMIA



PRIMARY (FAMILIAL) HYPERLIPIDEMIAS

TYPES 1-4

TYPE 4 HYPERLIPIDEMIA FAMILIAL HYPERTRIGLYCERIDEMIA

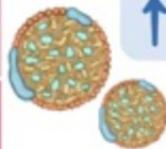


↑ VLDL

HIGH YIELD

* CHYLOMICRONS ↑

HIGH YIELD



TRIGLYCERIDE LEVELS ↑

HIGH YIELD

* LIPOPROTEIN LIPASE
ACTIVITY ↓

↓
VLDLs NOT
BROKEN
DOWN



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MOST COMMON

CAUSE**ABETALIPOPROTEINEMIA**

- * MALABSORPTION of FAT
~ ↓ CHYLOMICRONS
- * LIPIDS ACCUMULATE
in INTESTINAL
CELLS & LUMEN

**STEATORRHEA****HYPOLIPIDEMIA**

* FAILURE to THRIVE

* FAT-SOLUBLE VITAMIN
DEFICIENCY

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