Changes in Lipid Levels Associated with a $\geq 10$ ng/mL (25 nmol/L) Increase or Decrease in Vitamin D Level from the Year 2017 to 2018

Lipid levels increased with a decrease in vitamin D level

- Total Cholesterol (TC): 6.22 mg/dL difference
- Lowdensity Lipoprotein Cholesterol (LDL-C): 3.22 mg/dL difference
- Triglycerides (TG): 16.5 mg/dL difference

Lipid levels decreased with an increase in vitamin D levels

- TC: -5.8 mg/dL difference
- LDL-C: -5.4 mg/dL difference
- TG: -11.6 mg/dL difference

$p<0.001$

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