

STATIN INDUCED MYOPATHY

STATIN TOXIC MYOPATHY

STATIN INDUCED NECROTIZING AUTOIMMUNE MYOPATHY

ANTI-HMGCR POSITIVE NAM

MECHANISM- CoQ 10 INHIBITION

HPE- LIPID VACUOLES, CoQ NEGATIVE FIBERS (LIPID MYOPATHY)

C/F- GRADUAL ONSET SYMMETRIC PROXIMAL MUSCLE WEAKNESS, EXERCISE INTOLERANCE, FATIGUE **WITH OR WITHOUT CPK ELEVATION.**

***IMPROVES COMPLETELY WITH DISCONTINUATION OF STATINS.**

TREATMENT- DISCONTINUATION OF STATINS, SUPPORTIVE.

MECHANISM - HUMORAL AUTOIMMUNITY AGAINST HMGCR

HPE - MYOCYTE NECROSIS WITH MINIMAL CELLULAR INFILTRATE (MACROPHAGES)

C/F- GRADUAL ONSET SYMMETRIC PROXIMAL SEVERE MUSCLE WEAKNESS **WITH >10X ELEVATION OF CPK.**

***CONTINUES DESPITE DISCONTINUATION OF STATINS**

TREATMENT - STEROIDS + METHOTREXATE/MMF/IvIg

CoQ- Coenzyme Q

NAM- Necrotizing Autoimmune Myopathy

HMGCR- 3-Hydroxy-3-Methylglutaryl-Coenzyme A Reductase

CPK-Creatine Phospho Kinase

IvIg- Intravenous Immunoglobulin

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