Classification of Choroidal Neovascular Membranes. OCT-Angiography

**TYPE 1**
Type 1 (Occult) CNV - Neovascular membranes located below the pigment epithelium. Note the dark halo around the new vessels.

**TYPE 2**
Type 2 (Classic) CNV: Choroidal neovascular membranes located above the pigment epithelium, penetrating the retina. Note the dark halo around the new vessels.

**TYPE 3**
Type 3 CNV (RAP lesions), located at the level of the avascular zone. Note the dark halo around the neovascularization.

**TYPE 4**
Type 4 CNV: mixed CNV (Type 1+Type 2) located below the pigment epithelium (occult) and above the pigment epithelium (classic). Note the dark halo around the new vessels.

**FIBROUS SCAR**
Fibrous scar with residual new vessels in a fibrous scar formation (seen here as a very dark, non-vascularized area). Residual vessels are seen, but are inactive where residual flow is still present.

**MYOPIC CNV**
Myopic neovascular membranes, Type 2, are generally very small-sized, and show a slightly edematous appearance. Note the dark halo around the new blood vessels.

**ACTIVE CNV**
Active CNV: There are numerous fine capillaries, with frequent and dense anastomoses. The loops of blood vessels can be seen especially at the periphery.

**QUIESCENT CNV**
Quiescent CNV: Observed during a period of stability and/or during regression, it may be spontaneous or it may occur after many treatments. The fine capillaries have disappeared, the anastomoses are rare, and the looped blood vessels have disappeared. The remaining blood vessels are more rigid, thicker, and less tortuous (arterialized).

**ACTIVE AND QUIESCENT CNV**
Mixed active and quiescent CNVs: Mature neovascular membranes (courtesy of Rick Spaide, MD), quiescent on the left side. Active new vessels on the right: there are numerous, very dense, fine capillaries with frequent anastomoses, and vessel loops are seen at the periphery.

Modified classification from J. Jung and K.B. Freund. All OCT-Angiography images have been obtained using the AngioVue OCT system from Optovue (Fremont, California).

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