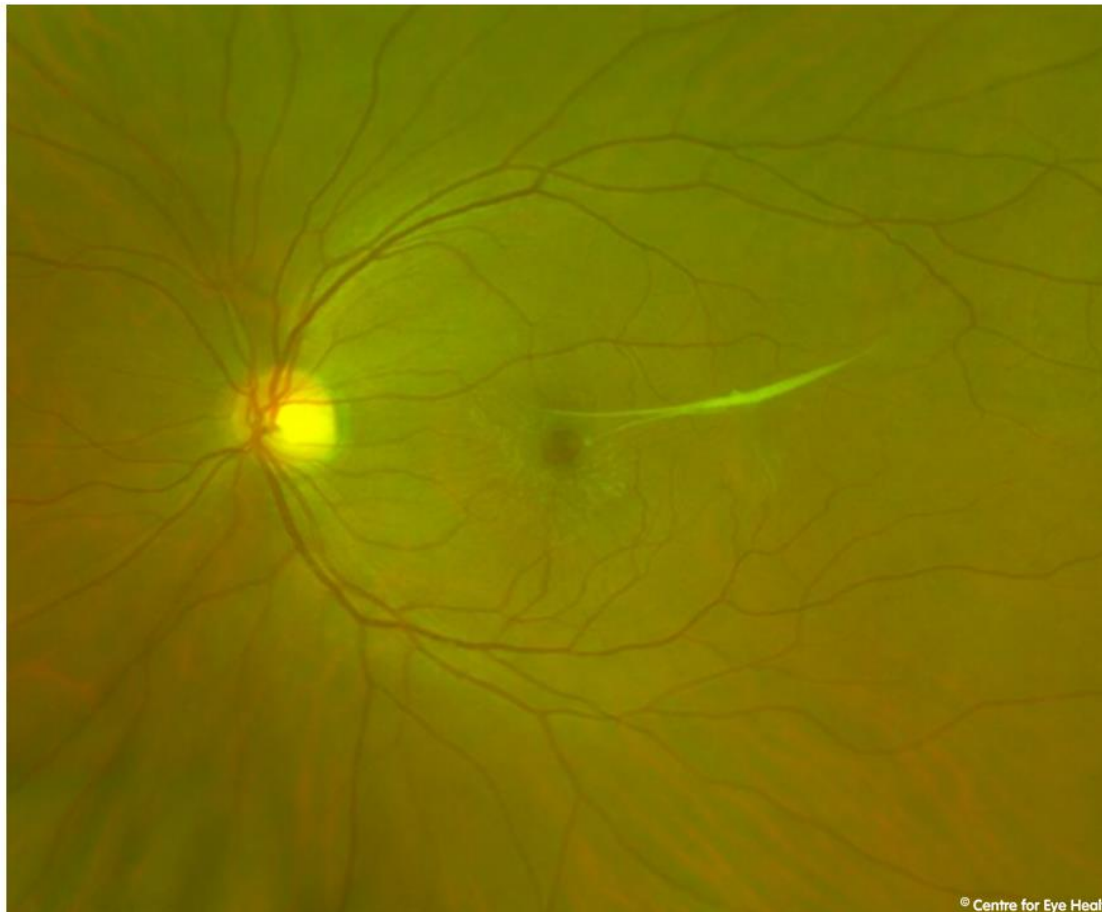




## CFEH Facebook Case #77

A 45 year old Japanese female presented for a macular assessment. Her visual acuity is 6/6 in each eye. From the Optomap image below, what would you expect to see on OCT?



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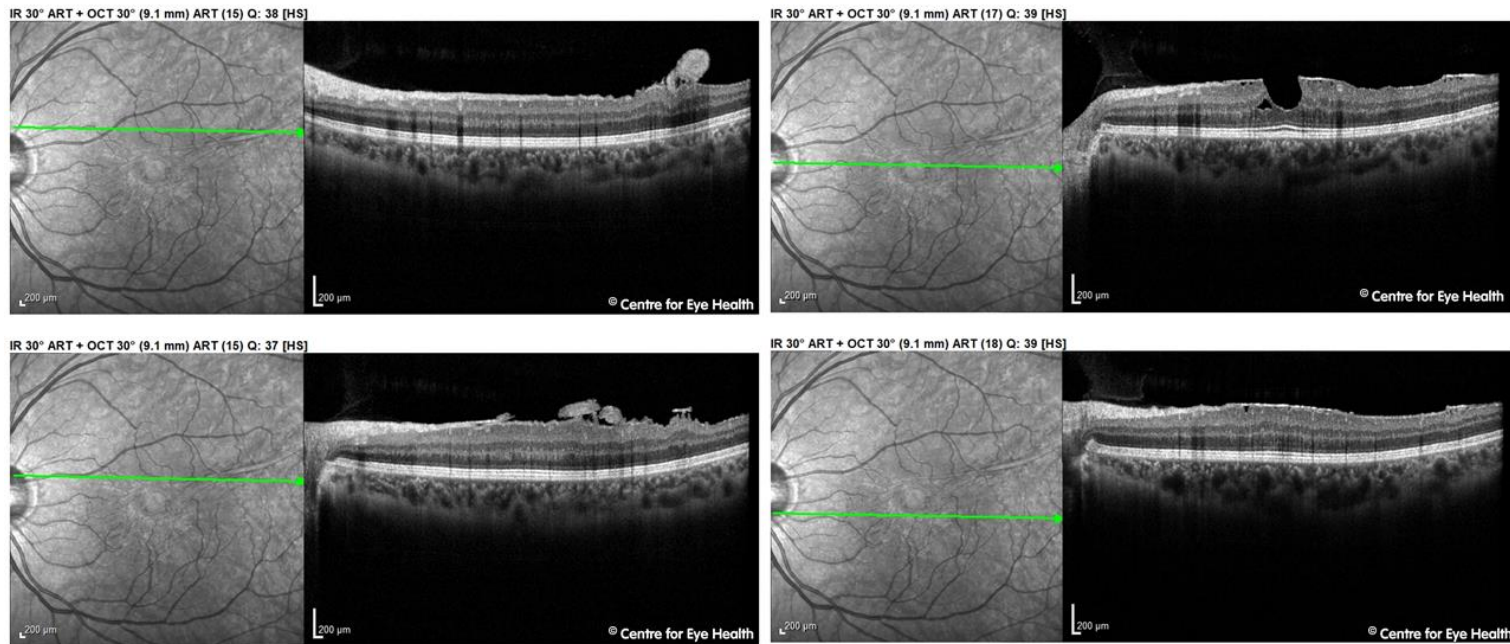
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# ANSWER

The OCT findings are below:



The large epiretinal membrane seen on Optomap and associated retinal traction have caused the formation of a macular pseudohole. The appearance on Optomap is similar to that of a full thickness macular hole, however OCT imaging shows it to be a distortion of the foveal pit secondary to traction from the epiretinal membrane. A useful optometric test to differentiate full thickness macular holes from pseudoholes is the Watzke-Allen test whereby a slit lamp beam is focused on the macula. If the beam appears broken, it is likely the patient has a true macular hole while if it is unbroken, it is likely to be a pseudo-hole. This test has been shown to have extremely high sensitivity and specificity.