

Cherry-red spot

This article has been translated from WikiSkripta; ready for the **editor's review**.

Cherry-red spot is a finding on the retina characteristic of some metabolic disorders associated with lipid storage or central retinal artery occlusion. This is a small red round spot in the fovea centralis. The visibility of the spot is caused by the relative transparency of the retina at the site of the fovea centralis, which, unlike the surrounding retina, does not contain all cell layers. With retinal artery occlusion, the spot is visible because the choroid is supplied with choroidal arteries, unlike the retina, which is pale due to retinal artery occlusion.

The cherry spot occurs in these metabolic disease

- cytochrome C oxidase deficiency;
- galactosialidosis (neuraminidase deficiency);
- GM1 gangliosidosis (Landing's disease);
- GM2 gangliosidosis (Sandhoff's, Tay-Sachs disease);
- nephrosialidosis;
- Niemann-Pick disease types A, B and C;
- sialidosis type I.

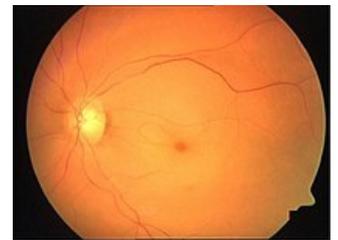
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Source

ws:Třešňová skvrna



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