

Diabetic Macular Edema:

Macular edema is the term used for swelling in the small central part of the retina used for sharp straight-ahead vision. The retina is a thin layer of tissue that lines the back of your eye. It is nourished by blood vessels that become affected by diabetes. These blood vessels weaken and some of them develop balloon-like swellings called microaneurysms. The walls of the blood vessels and the microaneurysms become leaky. Excess fluid and lipids (fatty materials) leak from the blood into the retina causing it to become thickened or swollen. This swelling of the central part of the retina leads to decreased vision.