Comparison of the Fundus and the Renal Findings in Spontaneously Hypertensive Rats

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Fundus findings of 31 spontaneously hypertensive rats, consisting of 4 rats of F_{14,15}, rats of F₁₅, 10 rats of F₁₆, 3 rats of F₁₇, 1 rat of F₁₈, and 8 rats of F₁₉ were compared with histopathologic findings of the kidney.

The following results were obtained.

1. Retinal opacity or papilledema were observed in 21 rats out of 31.
2. In the kidney, nephrosclerosis were observed in 4 rats out of 21.
3. Such nephrosclerotic changes were more remarkable in cases of earlier onset of hypertension.