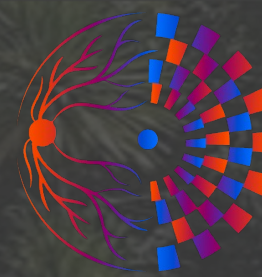




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# MALIGNANT HYPERTENSION IN A PEDIATRIC PATIENT: CASE REPORT

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## PURPOSE:

- ✓ Report a case of Malignant Hypertension in a pediatric patient



## METHODS→

- ✓ This is a case report study that was developed with a male child patient treated at the Hospital das Clínicas da Unicamp in March, 2023.
- ✓ For the preparation of this research, we used the data collected during the anamnesis and detailed ophthalmological examination, including multimodal evaluation.



## CASE REPORT

- ✓ 10-year-old male patient was admitted to the emergency room with headaches and vomiting that had started 30 days ago, accompanied by bilateral low visual acuity of the same duration.
- ✓ He denied comorbidities or ophthalmological history.

	Right eye	Left eye
BVCA	0,1	0,2
Pupillary reflex	Normal	Normal
Biomicroscopy	Without anormalits	

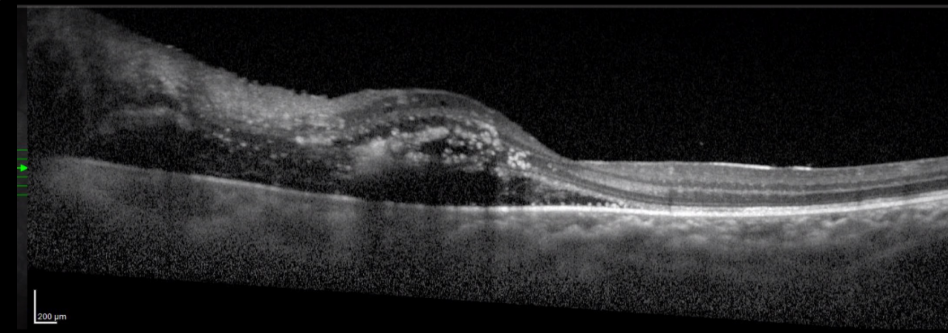
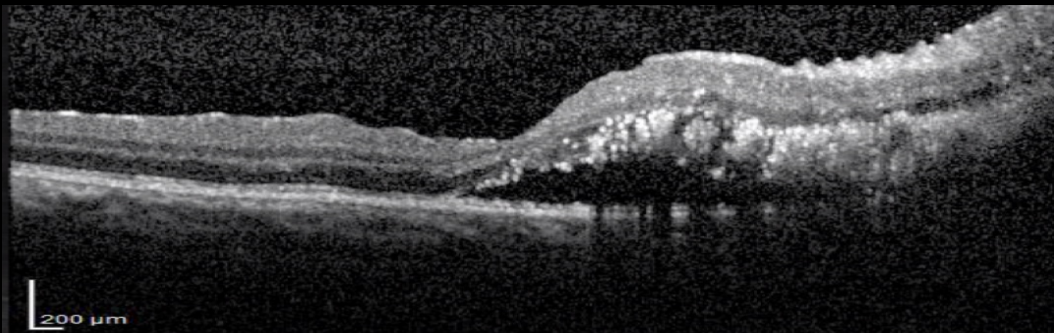
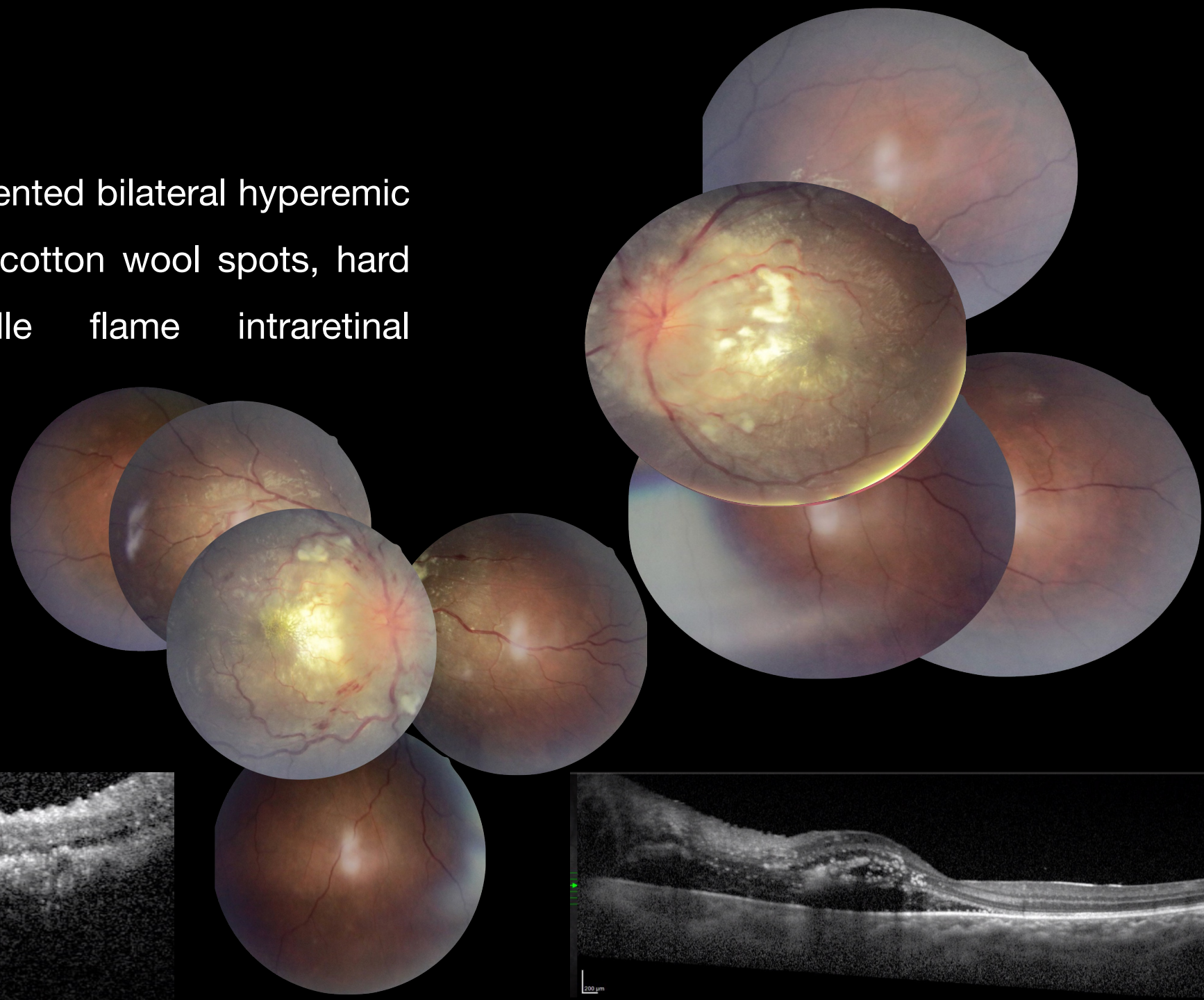


# Fundoscopy

- ✓ On funduscopy, he presented bilateral hyperemic disc edema, numerous cotton wool spots, hard exudates and candle flame intraretinal hemorrhages.

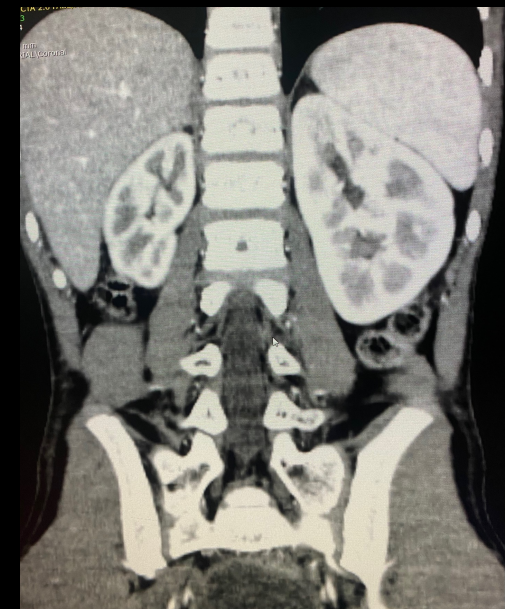
# OCT

- ✓ Showed serous detachment and hard exsudates

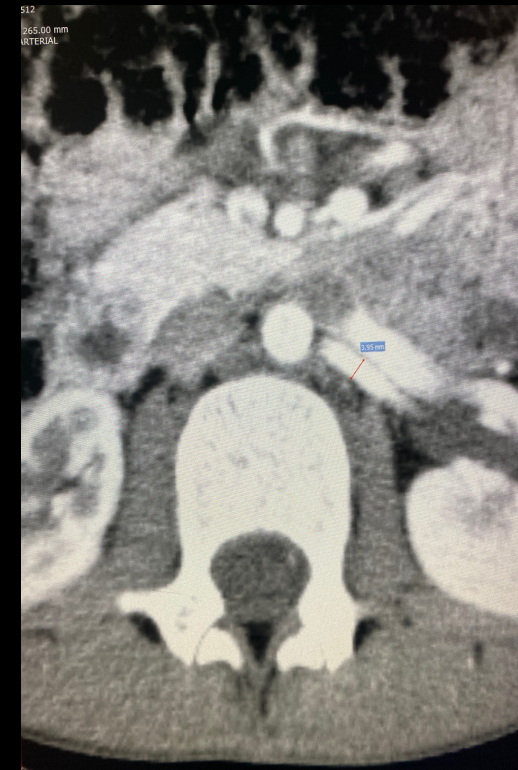




✓ To clarify the diagnosis, infectious and inflammatory screening (negative), CT of the skull and orbits were then carried out, which did not show signs of intracranial hypertension and measurement of systemic arterial pressure, whose value obtained was 180 x 90 mmHg, concluding that it was if you have Malignant Hypertension.

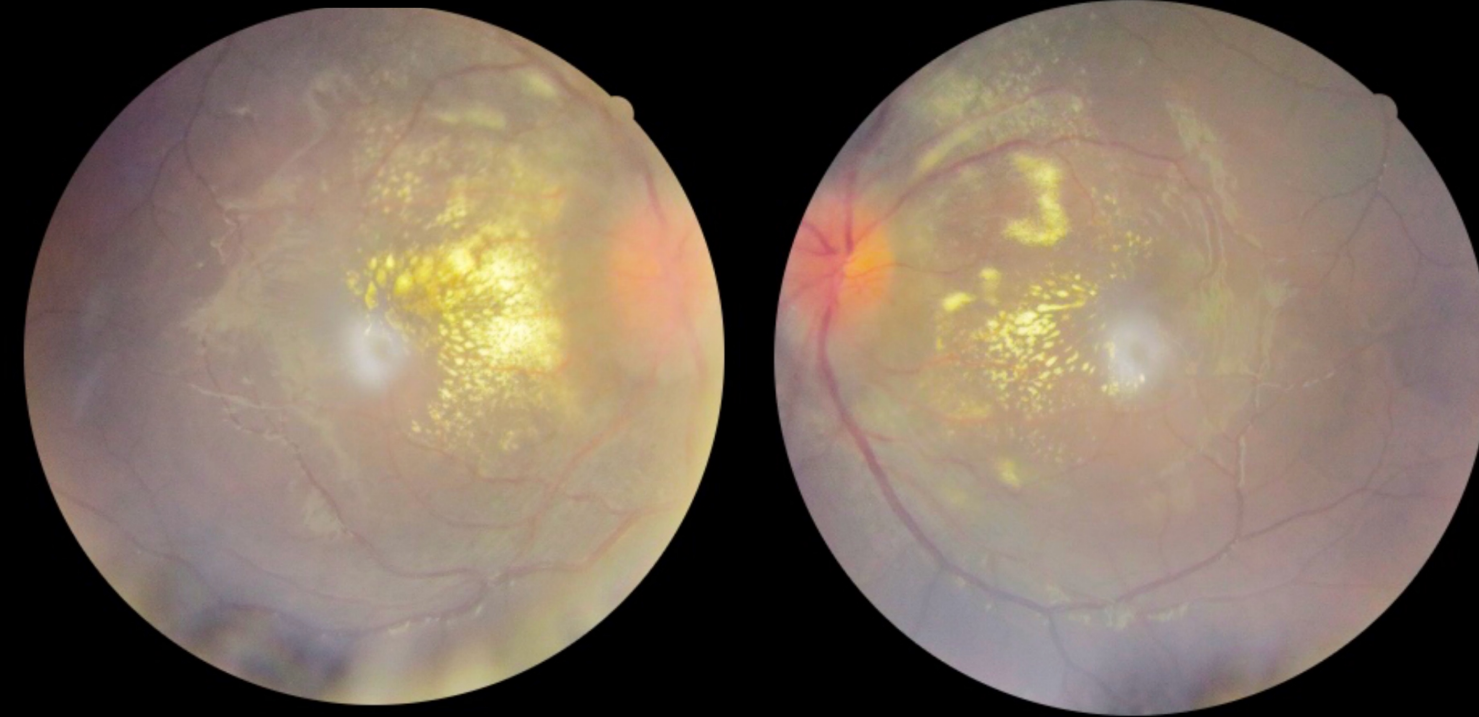


✓ We then proceeded to investigate the secondary cause of hypertension. Given the finding of hyperreninemic hyperaldosteronism, renovascular origin was suspected. The investigation was complemented with abdominal CT and DMSA scintigraphy, in which the right kidney showed reduced dimensions and markedly reduced tubular function, respectively, confirming the diagnosis.

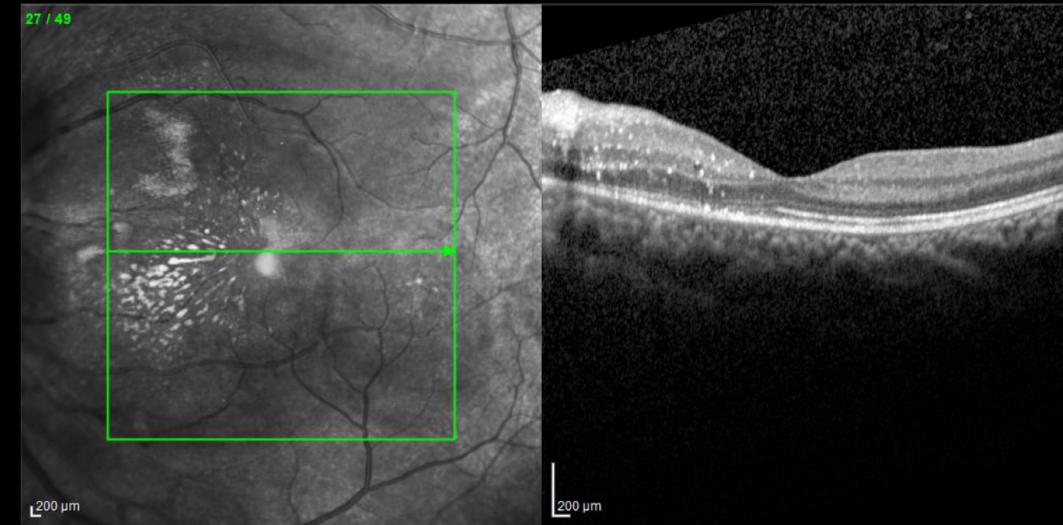
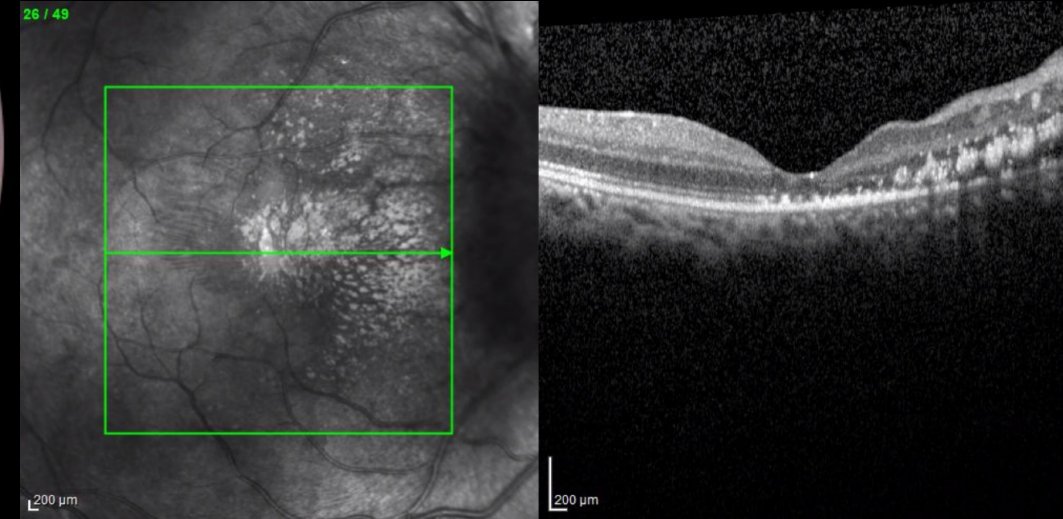




✓ After adequate blood pressure control, the condition resolved.



	Olho direito	Olho esquerdo
AV cc	1,0	1,0



•  **RESULTS AND DISCUSSION:**

✓ Malignant Hypertension. constitutes a medical emergency and must be promptly recognized and treated