

Poster Presentation

15-17 December, 2022



PROGRESSIVE HEMORRHAGIC RETINOPATHY-

“A DANGER SIGN” IN A DIABETIC PATIENT.

AUTHORS NAME : Pathan Mohd. Anash, Hirawat Raj Shri
DR KAMDAR EYE HOSPITALS , JODHPUR , INDIA

DISCUSSION

- Over 6 weeks' time retinal lesions progressed and led to vitreous hemorrhages in both eyes with worsening macular edema.
- Detailed systemic workup was done which revealed underlying chronic lymphoid leukemia in active phase.
- He underwent successful chemotherapy and left eye vitrectomy.
- Vision improved in right eye to 6/36 with resolving vitreous hemorrhage and left eye improved to 6/12 post vitrectomy for non-resolving hemorrhage.

CONCLUSION

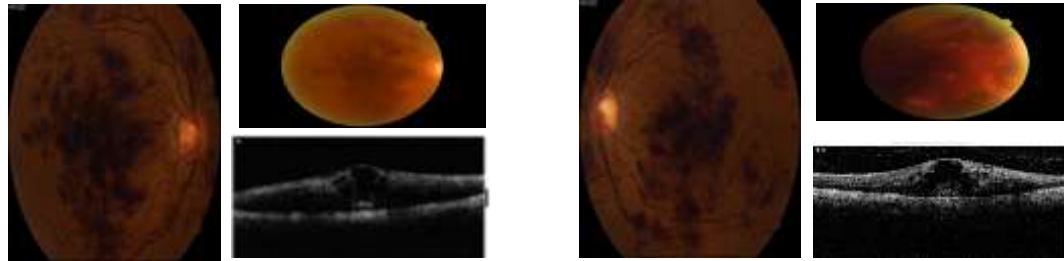
- Rapid progressive retinal microangiopathy should be investigated for undiagnosed systemic disease.
- Thorough baseline blood parameters are to be checked in such cases with unusual presentation and progression of disease.

REFERENCES

- **Leukostasis retinopathy with leukemic infiltrates as onset manifestation of chronic myeloid leukemia: a case report** [Giulio Vicini¹](#), [Cristina Nicolosi¹](#), [Danilo Malandrino²](#), [Camilla Tozzetti²](#), [Stanislao Rizzo³](#), [Andrea Sodi^{1*}](#)
- **A case of leukemic retinopathy mimicking common ischemic retinopathies** [Agnes Awuah](#), [Kofi Asiedu](#), [Madison Adanusa](#), [Michael Ntodie](#), [Ebo Acquah](#), [Samuel Kyei](#).
- **Leukostasis retinopathy**
An uncommon visual threatening complication of chronic myeloid leukemia with severe hyperleukocytosis – A case report and review

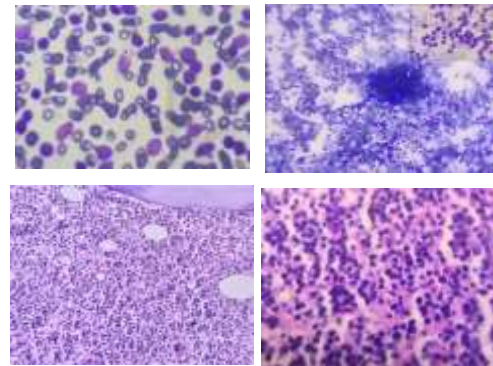
Acknowledgment

Dr Raj Shri Hirawat
Dr. Gulam Ali Kamdar



INVESTIGATIONS

- CBC & Peripheral Smear – WBC 4.67
- Lipid Profile- normal
- Renal Function Test -normal
- Carotid Doppler
- Flow cytometry -CD 5&23 positive
- Immunophenotyping- 5,23,19,20 positive.
- Bone marrow examination- mature lymphoid cells.
- USG abdomen -hepatomegaly & splenomegaly.



Clues to diagnose leukemic retinopathy clinically

1. Retinal hemorrhages at all level.
2. Large blotchy hemorrhages.
3. Sub ILM/ sub hyaloid haemorrhages .
4. Peri vascular infiltrates.
5. CRVO due to hyperviscosity.

DS

his 50's was diminished

for 15 years and examination revealed cataract.

ominantly dark hemorrhages over retinal vessels over both eyes.

ong standing diabetic retinopathy was treated with anti-VEGF therapy.

well-controlled

intervention.