

## ABSTRACT

PRES is a complication of critical illness that has led to mortality in up to 15% of cases. mABs can be associated w/ PRES and earlier detection via MRI can benefit outcomes.

## INTRODUCTION

Caring for a Stage IV clear cell carcinoma pt

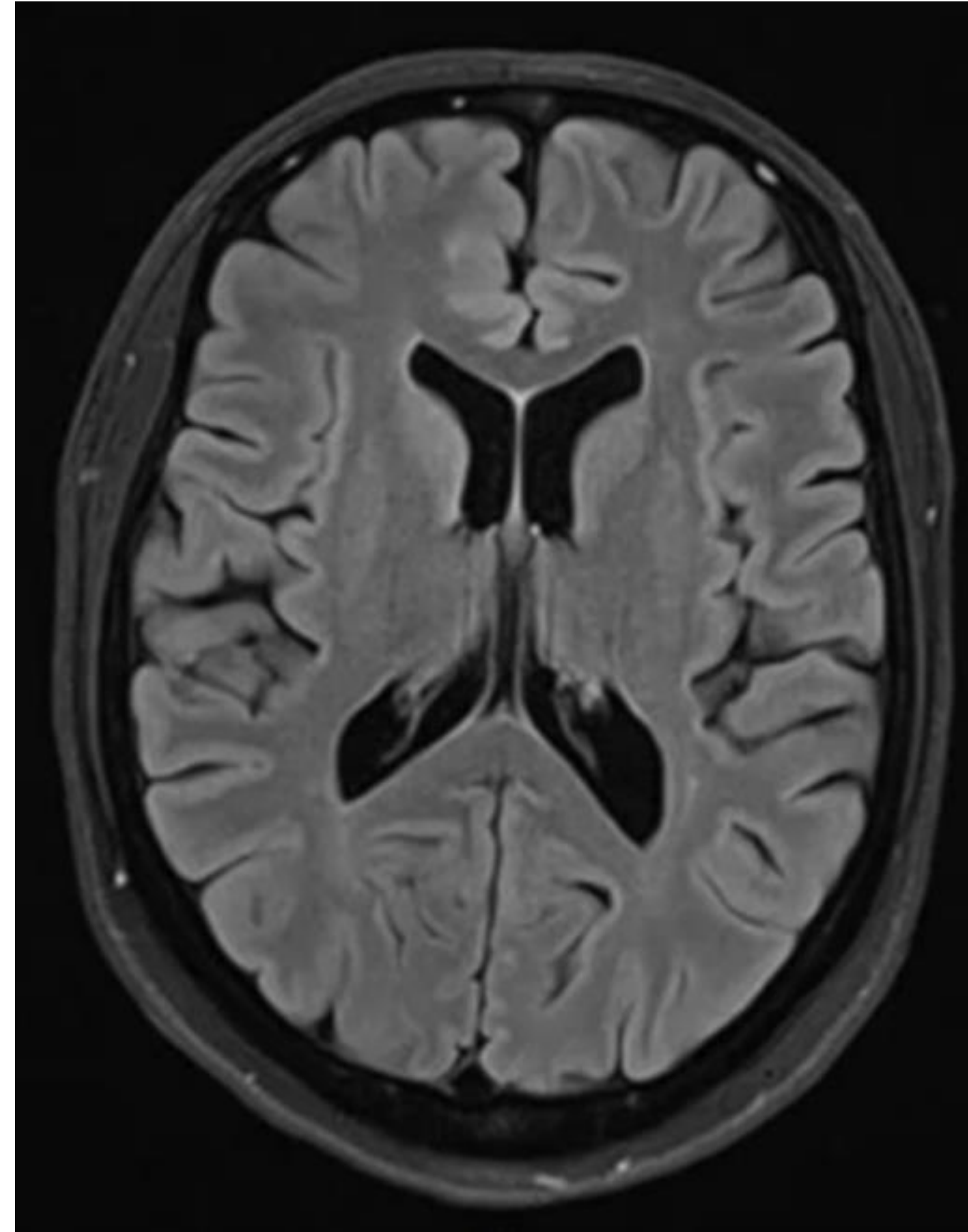
PMHx - TAH-BSO, chemo and Good Pasture's

BibEMS s/p syncope in shower prior to 3rd round of chemo

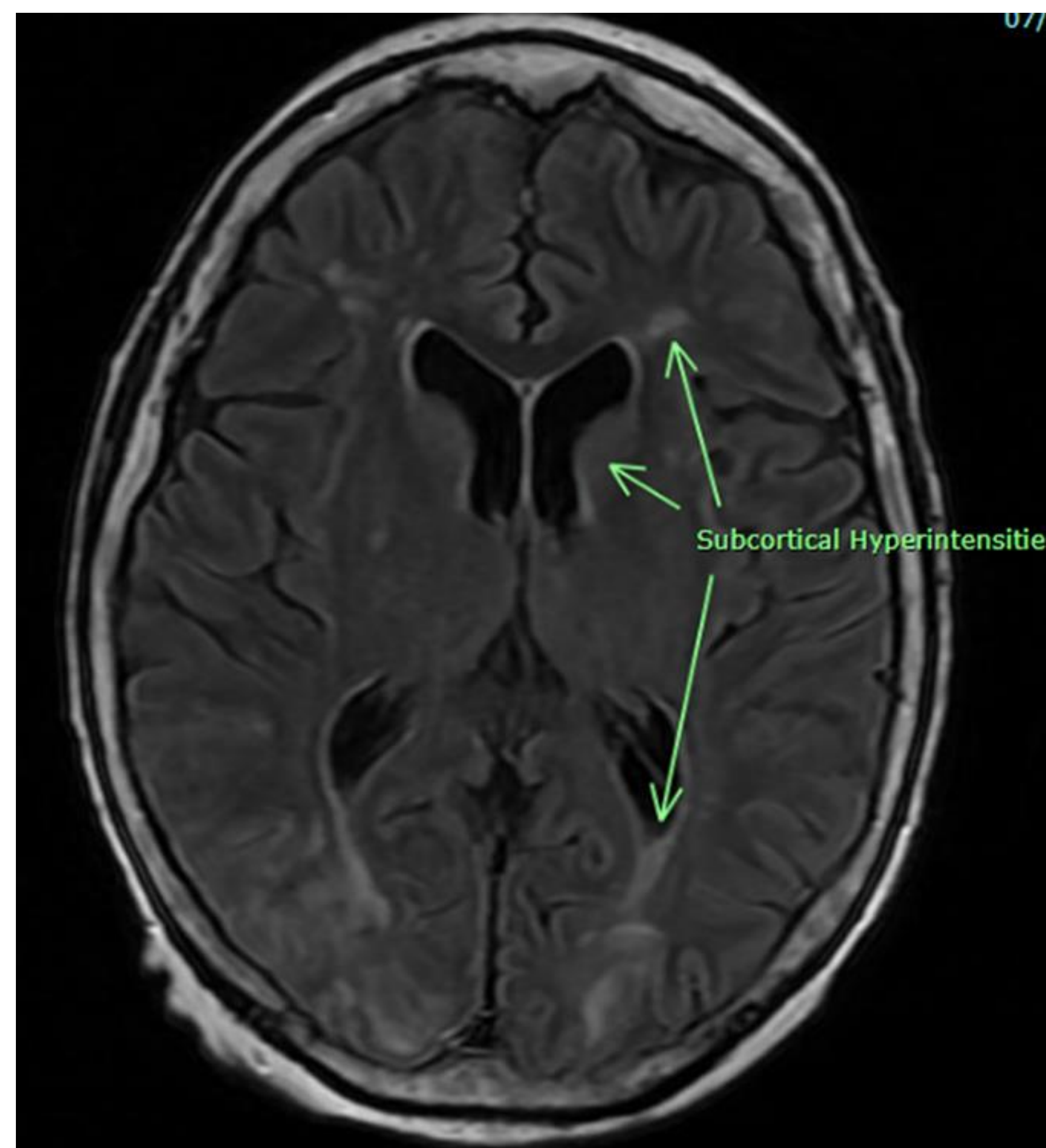
Transferred to MICU w/ AHRF 2/2 acute encephalopathy

MRI - bl parietal-occipital hyperintensities

## NORMAL MRI BRAIN



## SIGNS OF PRES



## CONCLUSION & NEXT STEPS

**Cyclosporine moa:** decreased nitric oxide production --> dose-dependent HTN --> blood-brain barrier damage

**Effect of Pt's meds:** Levatanib and bevacizumab had anti-angiogenic effects, which caused endothelial dysregulation and resultant hyperperfusion

**Take-home message:** MRIs on similar patients could be done sooner, prompting tx of HTN and mab removal

## REFERENCES

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- Hamid et al. "Posterior reversible encephalopathy syndrome (PRES) after bevacizumab therapy for metastatic colorectal cancer." *Journal of Community Hospital Internal Medicine Perspective*. June, 2018.
- Kushner et al. "Posterior Reversible Encephalopathy Syndrome in Neuroblastoma Patients." *Cancer*. Aug, 2013.
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