CT Perfusion studies of brain

Clinical History :Dysphasia, right arm drift, worsening symptoms PMH: Hypertension? Stroke? Extension. CT perfusion scan brain.

CT perfusion study performed:

There is some residual contrast present from the recent CT angiogram

Rapid AI data :

Tmax > 6 seconds = 14 mL in the left occipital region

CBF < 30%= 0ml

CBV < 38% = 0 ml

Mismatch volume = 14 ml

There is bilaterally comparable cerebral blood flow and cerebral blood volume.

Conclusion:

Small volume mismatch in left PCA territory(as evident on angiogram study) in keeping with salvagable penumbra.