	High Grade Gliona
0	Anaplastic Astrocyloma Iplag: Characteristic of oligodendrogloma Anaplastic oligodendrogloma ATRX: Characteristic of astrocytoma
	Anaplastic oligoastroytoma IDH: Improved prognosis Radiology: CIMPROS CIMPROS CODYPNOS
	TI hypointense Iplag must be IDH Mutant Heterogeneous enhancement Chemotherapy
	PCV (lomustine, procambazine, vincristine)
	Can consider TMZ per Stupp MOA: Lomestine alkylating, procerbazine alkylating, uncristae monotubule inhibition
	Typically 59.4 Gy/33 fx
	CTV = Resection carity + enhancement CTV = GTV+1 (59.4 Gy)
	CTV2=GTV+2 cm (45 Gy)

NOA-04:60 By us PCV/TM2-7 Crossover @ toxicity or progression No difference in TTF, PFS, OS. I dentified IPH, CIMP COMEL as positive prognostic Pactors. RTOG 9402: PCV x4 -7 S9.4 Gy s S9.4 Gy

Neoadjugat PCV improved OS+PFS in Ip 19g codel.

No OS herefit in non-codel. 79% of RT Alone

eventually got chemo. Benefit apparently only in IDH mytant EDRTC 26951: 59.4 Gy+PCVxG us 59.4 Gy
Improved OS+PFS with chemo. More benefit w/ codeletion CATNON: RT us RT+ conc TMZ tis RT-ad; TMZ is RT+adjocanc TMZ
Adjurant TMZ improves OSOPFS in IDH matert.
No herefit to concurrent. CODEL: Initially TMZ us RT-PCVus RT+TMZ.

Modified given that TMZ alone had worse PFS
Now RF+ PtV us RT+TMZ.

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