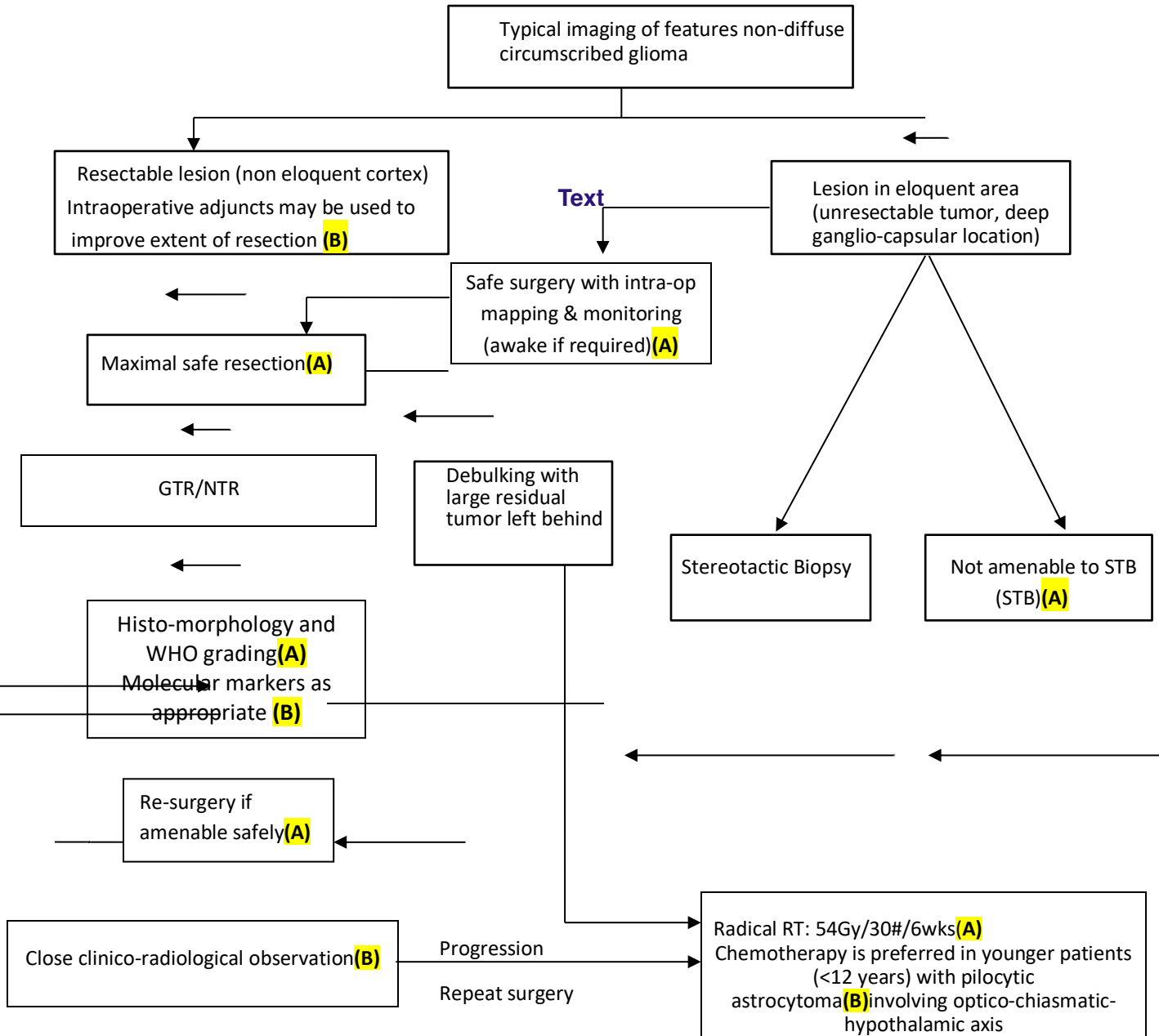


Non-Diffuse Circumscribed Glioma

(Pilocytic Astrocytoma/DNET/Ganglioglioma/PXA/Glioneuronal Tumor/Neuro-Epithelial Tumor NOS)



GTR=gross total resection
NTR=near total resection
RT=radiotherapy

A= MANDATORY
B= OPTIMAL
C= OPTIONAL

*NF-1 with optic pathway glioma with typical imaging- no biopsy is required
 *NF-1 pts with uncommon sites and atypical imaging features - biopsy should definitely be considered
 *BRAF fusion & mutation as appropriate (REFER TO PATHOLOGY SECTION)
 *SEGA in pts with Tuberous Sclerosis is a separate entity and should be treated with mTOR inhibitors(B)

Recommended chemotherapy regimens in Pediatric Low-Grade Glioma

Drugs	Dose	Days and Route
Regimen A- 52 weeks duration		
Carboplatin	550mg/m ² or 18mg/kg	Day 1 IV every 3 weekly
Vincristine	1.5mg/m ² or 0.046mg/kg	Day 1,8 and 15 IV for 13 weeks Day 1 only after that till 52 weeks
OR		
Regimen B- 52 cycles given every week		
Vinblastine	6mg/m ²	Day 1 only weekly IV
OR		
Regimen C- PCV Regimen- (6-9 cycles every 6-weekly)		
Procarbazine	100mg/m ²	Day 8 -21 orally
Vincristine	1.5mg/m ²	Day 8 and 29 IV
Lomustine	100mg/m ²	Day 1 only orally
OR		
Regimen D- Bevacizumab± Irinotecan: Recurrence/Progression (6-12 cycles every 2-weekly)		
Bevacizumab	5-10mg/kg	Day 1 only IV
Irinotecan	125mg/m ²	Day 1 only IV