brainstorming

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Analysis Plan

1. Reproduce + extend analysis in bladder trial study document (Xuehan, Waveley)

- Percentage of patients who had any recurrences (F test/ANOVA)
- Recurrence rate (F test/ANOVA)
- Time to first recurrence (KM estimates + plot)
- Review literature (previous study document)

2. EDA (Xiao)

- Summarize data (plots of tumor information, # patients assigned to each treatment, # of each status [censored, died, recurrence], etc.)
- Examine whether number of tumors/size of tumors has something to do with number of recurrences
- Examine whether number of tumors/size of tumors has something to do with treatment assignment – randomized, so probably not

3. Conduct new survival analysis (Yunyi, Congyang)

- PH model taking in treatment and tumor number/size as covariates
- Check assumptions!
- Anything else?

4. Create presentation (next week)

- Presentation date: December 5
- Report due: December 19