

## Ibrutinib

### Potential side effects

About 80% of our patients tolerate ibrutinib but about 20% stop because of side effects. Some serious side effects have been reported. The list below is taken from one of the ibrutinib publications:

- Anemia (12% of patients have anemia with hemoglobin <8)
- Low white blood cell count – 15% of people develop a low white blood cell count with <1,000 neutrophils per microliter. This raises the risk of infection.
- Fever with low white blood cell count: 2% of people get fever with a low white blood cell count.
- Low platelet count: 7% of people have a platelet count that falls below 50,000/mcl. This raises the risk of bleeding following trauma (e.g. falls)
- Bleeding: 2% of people experience bleeding that requires transfusion.
- Infection: 20% of people develop infections requiring IV antibiotic
- Atrial fibrillation (irregular and rapid heart beat): 9% of people develop atrial fibrillation that is symptomatic.
- Hypertension was seen in 29% of patients on ibrutinib (compared to 15% of patients who did not receive ibrutinib).
- Second cancers were seen in 6% of patients receiving ibrutinib (compared with 4% of patients who did not receive ibrutinib).
- Diarrhea (usually mild) is reported in some people