Possible Side Effects (continued):

**Rash**

**What this means:** You may develop a rash in one area or over large areas of your skin.

**What to do:**
- Call your doctor if you get a rash. Your doctor will ask you when the rash started, the location, if it is itchy or painful and if it has spread or is getting smaller.
- Your doctor may have you take an over-the-counter medicine to help with this problem.

**Changes in Bowel Movements**

**What to do:**
- Call your doctor if you have diarrhea more than 4 times a day or for more than 1 or 2 days or if you feel lightheaded or dizzy.
- Call your doctor for constipation if you do not have a bowel movement for 2 days or become uncomfortable because you are unable to have a bowel movement.
- Drink plenty of fluids.

**Muscle Pain**

**What to do:**
- Talk to your doctor before taking any over-the-counter pain medicine.
- Drink plenty of water.
- Make sure to get enough sleep.
- Call your doctor if the muscle pain keeps you from doing your normal daily activities.

This is not a complete list of all possible side effects. Tell your doctor if you have these or any other side effects that you think are caused by this medicine. Your JamesCare team will give you further help to manage side effects.

PATIENT EDUCATION

**Ibrutinib (Imbruvica)**

Here is important information on how to use, handle, and store your medicine, what side effects to look for and how to manage them.

**What it looks like:** 140 mg capsule (oblong; white)

**How to handle and store:**
- There are special safe handling instructions for this medicine. Talk to your doctor, pharmacist or nurse about the precautions you need to follow when taking this medicine at home.
- Store in a closed container in a dry place such as a cabinet away from light, heat, and moisture.
- Do not store in your bathroom or refrigerator.
- Keep this medicine away from children and do not share it with anyone.
How to take:
• Take this medicine one time each day.
• Take the capsule at the same time each day with a full glass of water.
• Do not take more capsules than prescribed.
• Do not crush, break, chew, or open the capsules.
• Do not eat grapefruit or drink grapefruit juice. This can increase your risk of side effects.
• If you miss a dose, take it as soon as you remember. Do not double up on doses. Do not take a missed dose within 12 hours of your next dose.

Disposal:
• Talk with your doctor or pharmacist about how to get rid of prescription medicines safely.

Precautions:
• Tell your doctor if you have had a recent surgery, trauma or infection.
• Tell your doctor or pharmacist about any medicines you are taking, including prescription and over-the-counter medicines, vitamins and herbal products (ex: Fish Oil or Vitamin E).
• Do not get pregnant while on this medicine. Talk with your doctor about what birth control to use.
• Do not take St. John’s Wort.

Possible Side Effects
You can find more information on side effects in the Patient Education booklet, Treatment with Chemotherapy and Anti-Cancer Medicines.

Bleeding/Bruising/Black Stools
What to do:
• Call your doctor if you bruise more easily, if your stools are black or tarry, or if you have other unusual bleeding such as bright red blood in stools or nose bleeds that do not stop.
• Call your doctor if you have sudden or severe stomach pain.
• Do not use aspirin, ibuprofen (Advil™, Motrin™) or naproxen (Aleve®) for regular aches and pains.

Low White Blood Cells/Preventing Infection
What this means: You may be at risk of getting an infection.
What to do:
• Call your doctor if you have a fever of 100.4° degrees Fahrenheit (38 degrees Celsius) or higher.
• Wash or clean your hands regularly.
• Wear a mask and stay away from anyone who is sick.
• Ask your doctor if you should get a flu shot or pneumococcal vaccine

Fatigue
What this means: Fatigue can be due to many factors: low blood counts, sleep changes, stress, not eating well and pain.
What to do:
• Eat small, frequent meals during the day and drink plenty of fluids.
• Be active, but plan times for rest.