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| Quantity to Bring to OR | Item | Description | Ordering Info |
| 3 | Bone Marrow Kit | This is the kit that the surgeon will use to draw the bone marrow. Set up over a sterile drape in the OR. | Covidien Cat# 8881847019 Order 10, and order early since they can take a while to deliver. |
| 20-50 | 10 cc BD Vacutainer Tubes | Na-Heparin tubes for bone marrow. Bring them in packs of 10, you most likely won’t need all of them, but it’s better to just bring extra. | Becton-Dickinson Cat# 366480 |
| 20 | 10 cc Syringe Barrel | The surgeon will use these to draw the bone marrow. You will need to sterilely open these and place over the same sterile drape as the bone marrow kit. | Nipro Medical Cat# JD+10S WEI  [Available from DCM pharmacy] |
| 20 | 18 G Needles | You will use these to transfer to 10 cc BD Vacutainer Tubes once the surgeon hands you the syringes with bone marrow in them. | Becton-Dickinson Cat# 305196 |
| ~~3~~ | 4 oz Screw Top Container | This will be used to contain the 10% Heparin solution. Surgeon typically dumps heparin into container as opposed to drawing up from vials...it is quicker | Covidien Cat# 17099 |
| 3 | 30 mL Heparin | These will be used to prepare 10% Heparin solution. Using a syringe, remove 1 cc of saline from saline container and discard. Using a separate syringe, draw 1 cc heparin and transfer to saline vial. Note that this will have to be made before going to the OR, bring at least [3] 10 ml vials of prepared solution vials to the OR. | SAGENT Cat# 105739N |
| 10 mL Sterile Saline Solution | NDC Cat# 63323-186-10 |

Bone Marrow Collection Protocol

Once you get to the OR, you will need to ask the circulator or scrub nurse to set up a sterile drape over a cart so that you can set everything up on it.

You should have everything set up by the time the surgeon comes in, and they will start the bone marrow extraction shortly after anesthesia is induced.

**Typically, you will want to go to the OR** **30 minutes prior to the surgical start time**.

The surgeon will line the syringes with the heparin solution, and once he begins drawing out the bone marrow, he will hand you the syringes.

You will use the 18 g needles to put the bone marrow into the Na-Heparin BD tubes.

The last part happens quickly, so you will need to be ready with the needles and the tubes.