

METHOTREXATE FOR ECTOPIC PREGNANCY ADMINISTRATION QUICK FACTS

Policy: https://hpo.johnshopkins.edu/hopkins/policies/63/3929/policy_3929.pdf?_af=0.357685558234

- **Necessary items prior to administration of MTX:**
 - Labs: CMP, CBC, B HCG QUANT
 - Imaging: Transvaginal pelvic sono
 - Pt's weight and height

- **GYN CONSULTANT**
 - Write a consult note that includes (*this will act as the chemotherapy treatment note*):
 - Indication for MTX (ectopic pregnancy)
 - Pt's weight and height = BSA
 - **** PLEASE NOTE:** USE the JHH Oncology Clinical Calculators to calculate BSA and dose**
<http://oncologyapps.onc.jhmi.edu/oncologycalculator/>
 - Calculate MTX dose based on BSA (50mg/m²)
 - Supporting labs/imaging
 - Print the consult note, have the ED ATTENDING sign the consult note, scan the consult note back to EPIC once the ED ATTENDING has signed it
 - Consent the pt for MTX and scan the consent to EPIC
 - Print, review, and have BOTH patient and provider sign the Pt Education sheet with the pt:
 - <https://hpo.johnshopkins.edu/hopkins/index.cfm?event=Appendix.PDFFile.Render&aid=42599>
 - Scan a copy to EPIC, give a copy to the pt
 - Administer the MTX once it is received in the ED
 - Verify in 2 syringes
 - Give IM in both hips
 - Wear gloves, mask to administer
 - Dispose of syringes in a biohazard bag in the sharps box in the room
 - Document on the Chemotherapy administration checklist and scan to EPIC:
https://hpo.johnshopkins.edu/hopkins/policies/54/5212/Chemotherapy_Administration_Checklist_24_957_00_11_10_08.pdf
 - Do not administer if provider is pregnant – get someone else!
 - Order follow up labs in EPIC:
 - Bhcg quant day 4, day 7, and weekly to zero
 - CMP, CBC day 7
 - Put the pt on the GYN f/u list with her phone number
 - Verify birth control for 3 months

- **ED ATTENDING**
 - Review and sign the printed GYN consult note (this is now the Chemo treatment plan). Verify it is scanned back to EPIC with your signature.
 - Place the MTX order in EPIC verifying BSA and dosage calculations independently:
 - Pt's weight and height = BSA
 - **** PLEASE NOTE:** USE the JHH Oncology Clinical Calculators to calculate BSA and dose**
<http://oncologyapps.onc.jhmi.edu/oncologycalculator/>
 - Calculate MTX dose based on BSA (50mg/m²)
 - Supporting labs/imaging
 - Use EPIC order "Methotrexate for Ectopic Pregnancy"
 - Once signed document is scanned in EPIC and order is placed, coordinate with patient's RN to ensure Pharmacy is aware that all components are scanned in the chart

- **ED RN**
 - Communicate with Pharmacy that all necessary components have been scanned into the chart and provide a callback number for when product is ready for pick-up
 - Coordinate pick-up of product from Adult Inpatient Pharmacy
 - Notify GYN provider when product is at bedside for GYN administration
 - As appropriate, administer depo-provera (medroxyprogesterone) 150 mg IM injection

PLEASE NOTE: Pharmacy CANNOT dispense chemotherapy for a non-chemotherapy indication without the following items scanned into the patient chart:

1. Chemotherapy treatment note: (this is the GYN consult note that includes :)
 - a. the indication for methotrexate
 - b. Patient's height, weight, BSA
 - c. Dose calculation with final dose to be administered
 - d. ED attending co-signature
2. Completed and signed consent form
3. Signed education sheet
4. Order placed in EPIC by ED ATTENDING provider