



MACOMB COUNTY

COMMUNITY MENTAL HEALTH

Subject: Medical Staff	Procedure: Injectable Benadryl for Acute EPS Reactions	
Last Updated: 10/11/2022	Owner: MCCMH Chief Medical Officer	Pages: 2

I. PURPOSE:

- To define and describe operational guidelines regarding the accessibility and use of Injectable Benadryl prescription orders for the management of acute extrapyramidal side effect (EPS) reactions secondary to antipsychotic medication, observed by licensed community mental health (CMH) medical staff (i.e., Registered Nurses, Nurse Practitioners, Physicians, and Physician Assistants); and
- To facilitate the expedited access of such an order for Nursing staff.

II. DEFINITIONS:

Extrapyramidal side effects (EPS)

Commonly referred to as drug-induced movement disorders, which are among the most common adverse drug effects patients experience from dopamine-receptor blocking agents. A variety of movement phenotypes have since been described along the EPS spectrum, including dystonia, akathisia, and parkinsonism, which occur more acutely, as well as more chronic manifestations of tardive akathisia and tardive dyskinesia.¹

III. PROCEDURE:

- A. Injectable Benadryl has been added to the list of MCCMH stock medications on-site for all direct clinic and ACT program nurses.
- B. When an individual is initiated on an antipsychotic medication (first or second generation as applicable) licensed prescribers are recommended to place an order for intramuscular Benadryl in the electronic medical record (EMR) (see exhibit A for instructions on placing an order in FOCUS) to minimize the need for Nursing staff to contact licensed prescribers during off-duty hours for urgent/emergent verbal orders.
 1. If a licensed prescriber chooses to enforce this order, it is the responsibility of the prescriber to preemptively discuss with the person served that if unforeseen reactions occur, Benadryl IM may be used.

¹ D'Souza & Hooten, 2022

2. The prescriber must also ensure that an appropriate Medication Informed Consent is provided in advance and documented in the person’s record, when possible.
- C. Nursing staff will find such an order in the EMR under the “Orders/Labs” section if one is placed by a licensed prescriber. If such an order does not exist in the record, Nursing staff who witness an acute onset of EPS shall follow MCCMH Policy 2-051 “Psychotropic Medication in Community-Based Settings,” to obtain an order from the prescriber.
 - D. Nursing staff shall follow all administration, dispensing, and disposal processes as described in MCCMH Policy 10-065, Exhibit A “Injectable Medication Documentation Procedure.”

IV. REFERENCES:

D’Souza, R., & Hooten, W. (2022). Extrapyrimal Symptoms. National Institute of Health National Library of Medicine. Retrieved from <https://www.ncbi.nlm.nih.gov/books/NBK534115/>

V. RELATED POLICIES:

- A. MCCMH MCO Policy 2-051 “Psychotropic Medication in Community-Based Settings”
- B. MCCMH MCO Policy 10-065 “Injectable Medication Documentation”
- C. MCCMH MCO Policy 10-065, Exhibit A “Injectable Medication Documentation Procedure”

VI. EXHIBITS:

Exhibit A - How to Place a Standing Order for Benadryl IM

Annual Review Attestation / Revision History:

Revision #:	Revision/Review Date:	Revision Summary:	Reviewer/Reviser:
1	10/11/2022	Creation of Procedure.	Dr. Carmen Serpa

Exhibit A – How to Place a Standing Order for Benadryl IM

Verbal orders given to Nursing will be applied to the CMH Medication section of the EMR and will require prescriber co-signature upon the prescriber's next working day.

As an alternative, FOCUS can provide standing orders for persons served. Prescribers are encouraged to consider using this standing order feature for cases that may benefit from a standing order of IM Benadryl and minimize the need for last-minute verbal order requests.

If a licensed prescriber chooses to enforce this order, it is the responsibility of the prescriber to preemptively discuss with the person served that if unforeseen reactions occur, Benadryl IM may be used. The prescriber must also ensure that an appropriate Medication Informed Consent is provided in advanced and documented in the person's record, when possible.

To place a Benadryl IM order:

1. Click on "Orders/Labs" in the individual's medical chart.

The screenshot shows the patient's medical chart interface. At the top, there are navigation buttons: Back, Home, Logout, and Help. Below this is a red banner with the text "HEALTH AND SAFETY WARNING" and a link to "Show/Hide Details". The patient's name is "Consumer, Joe (42/M) GUARDIAN" with Case #: 999999 and Case: MH: Open SUD: Open. The chart includes sections for Date of Birth (06/24/1980), Home Phone ((586) 422-5697 x mom), Address (54321 Candy Cane Lane, Clinton Township, MI 48036), Primary Program (MH: MCCMH Outpatient Services, SUD: CARE of Southeastern Michigan), Case Holder (MH: Leslie Styer, SUD: None), and Disability Designation (MI). There are also links for Evidence Based Programs, Chart Documents, Eligibility/Insurance, Health/PHCP Info, Clinical Guidelines, and Consumer Calendar. A navigation bar at the bottom contains icons for Medication Reviews, Progress Notes, CMH Meds, Non-CMH Meds, AIMS, Vital Signs, Allergies / Reactions, Dispense Notes, and Orders / Labs. The "Orders / Labs" icon is highlighted with a red arrow. Below the navigation bar are buttons for "Add Psych Evaluation" and "Add Psychiatric Outpatient Office Visit".

2. Click on the plus sign (+) next to "Add Order."

The screenshot shows the "Orders" section of the EMR. At the top, there are navigation buttons: Medication Reviews, Progress Notes, CMH Meds, Non-CMH Meds, AIMS, Vital Signs, Allergies / Reactions, Dispense Notes, and Orders / Labs. Below this is a search bar with "Order Date:" and "Panel:" fields, a "SEARCH" button, and a "Show Results" checkbox. Below the search bar is a table of orders. The "Add Order" button is highlighted with a red arrow.

Order Date	Type	Panels / Description	Ordered By	Result Status
06/30/2022	Other	give benadryl 50 mg IM one time immediately if acute anaphylaxis of acute EPS following dispensing of X psychotropic injectable out of MCCMH clinic medication stock.	Carmen Serpa	Results Not Expected
02/17/2022	Lab Test	COMPREHENSIVE METABOLIC PANEL (80053) Glucose - Fasting LFT (Test Code: 10256) Lipid Panel Lithium Level Thyroid Panel With TSH Valproic Acid (Depakote), Serum Vitamin B12 and Folate	Tahira Jabeen	SIGNED BY: Tahira Jabeen No results have been received for this order
02/17/2022	Other	Initiate Controlled Substance Monitoring Process, orders for UDS and Hep C placed	Carmen Serpa	Results Not Expected

3. When a window opens, fill out all fields highlighted below.
 - a. Under Order Type click "Other."
 - b. Check the "Standing Order Box."

- c. Select a minimum of a 1-year expiration date.
- d. In the comment section write the order. The content shown below is only an example. The order must be clear and specific. Dosage may change based on size or age of population. Clarify this medication is to be used from "MCCMH Medication Stock."

Order [Print Medication Summary \(Current Only\)](#)

Affiliate: MCCMH

Order Date: 07/07/2022 Start Date: 07/07/2022 Order Type: Other Location: First Resources & Treatment North

Diagnosis 1: F33.3 Major depressive disorder, Recurrent episode; With psychotic features

Diagnosis 2: * Select Value

Diagnosis 3: * Select Value

Specialty Referral: Section Not Applicable

Results Delivery: Section Not Applicable

Ordered By: 10675 Carmen Serpa MD Requested By: []

Order by an External Health Provider

Expiration Date: 07/07/2023 This is a standing order

Comments / Order Description

Give benadryl 50 mg IM one time immediately STAT in the event of acute onset of EPS following dispensing of X (name the psychotropic injectable the pt is on) but of MCCMH clinic medication stock.

Electronic Signatures

Instructions: When the form/document is completed, type in your password and click 'Sign and Save'. By entering your password you are electronically signing this form/document. Your signature represents your acceptance and approval of the records. Once signed, any future changes must be made via the 'Change Signed Document' option.

Staff Signature Required By: 10675 Carmen Serpa MD Enter your password to sign **Sign and Save**

4. When the order is signed, it is visible (as shown below) in the person's record.

Medication Reviews Progress Notes CMH Meds Non-CMH Meds AIMS Vital Signs Allergies / Reactions Dispense Notes **Orders / Labs**

Orders Results Trending

Order Date: [] [] Panel: [] **SEARCH**

Show Results

29 Orders [Rapid Lab Orders](#) [Add Order](#) [Add Lab Result](#)

Order Date	Type	Panels / Description	Ordered By	Result Status
08/30/2022	Other	give benadryl 50 mg IM one time immediately for acute EPS following dispensing of X psychotropic injectable out of MCCMH clinic medication stock.	Carmen Serpa	Results Not Expected
02/17/2022	Lab Test	COMPREHENSIVE METABOLIC PANEL (80053) Glucose - Fasting LFT (Test Code: 10256) Lipid Panel Lithium Level Thyroid Panel With TSH Valproic Acid (Depakote), Serum Vitamin B12 and Folate	Tahira Jabeen	SIGNED BY: Tahira Jabeen No results have been received for this order.
02/11/2022	Other	Initiate Controlled Substance Monitoring Process, orders for UDS and Hep C placed	Carmen Serpa	Results Not Expected
12/14/2021	Lab Test	Comp. Metabolic Panel (14) Hb A1c+GlycoMark(R)(1.5 AG)	Yolanda Giles	SIGNED BY: Yolanda Giles Results have been received
11/24/2021	Lab Test	Free Valproic Acid (Depakote)	Joshua Fortney	SIGNED BY: