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| 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 EMR interface for a patient named Joe Consumer. The 'Orders / Labs' tab is selected in the navigation bar. A red arrow points to the 'Orders / Labs' icon. The interface includes a 'HEALTH AND SAFETY WARNING' banner, patient information, and various clinical tools.

HEALTH AND SAFETY WARNING
Show/Hide Details

Name: Consumer, Joe (42/M) GUARDIAN Case #: 999999 Case: MH: Open SUD: Open

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 Styler
SUD: None

Disability Designation: MI
Click here for Evidence Based Programs

Chart Documents 2 Alerts
Eligibility/Insurance
Health/PHCP Info
Clinical Guidelines
Consumer Calendar

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

Add Psych Evaluation
Add Psychiatric Outpatient Office Visit

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

The screenshot shows the 'Orders' tab selected. The 'Add Order' button is highlighted with a red arrow. The interface includes a search bar and a table of orders.

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 |
|------------|----------|---|---------------|---|
| 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 f 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

[Use Current Date](#) [Use Current Date](#)

Diagnosis 1 [lookup](#) [clear](#)
F33.3 Major depressive disorder, Recurrent episode, With psychotic features

Diagnosis 2 [lookup](#) [clear](#)
* Select Value

Diagnosis 3 [lookup](#) [clear](#)
* Select Value

Specialty Referral [Enter Information](#)
Section Not Applicable

Results Delivery [Enter Information](#)
Section Not Applicable

Ordered By [lookup](#) [clear](#) 10675 Carmen Serpa MD **Requested By** [lookup](#) [clear](#)

☐ Order by an External Health Provider

Expiration Date 07/07/2023 ☒ This is a standing order ⁽¹⁾

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.
characters left: 3900

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 [lookup](#) 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.

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:

☐ Show Results

SEARCH

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: