UPMC

DOCUMENTATION OF HYPOGLYCEMIA TREATMENT PROTOCOL
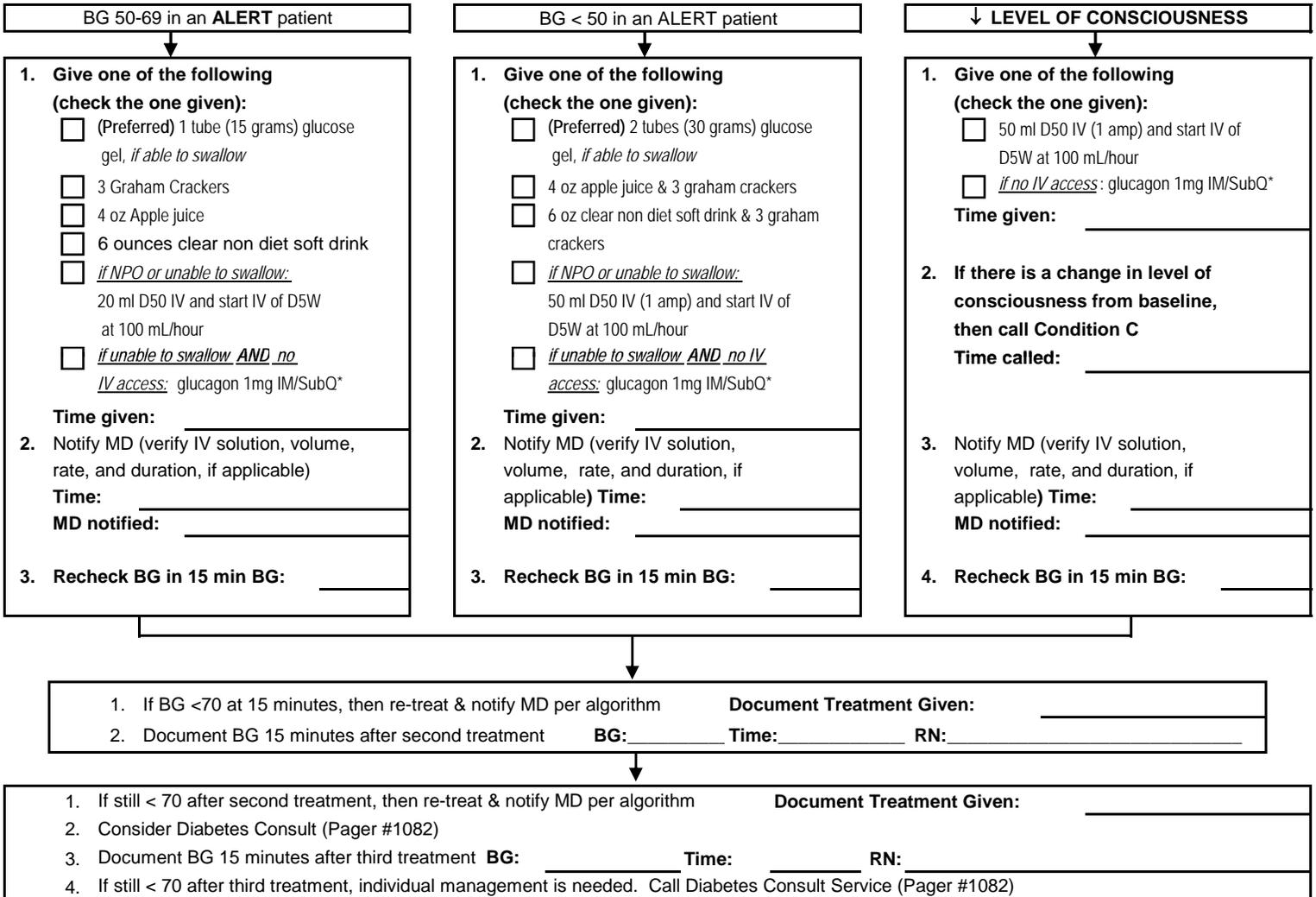
(file this form within the Progress Note Section of the Chart)

General Information:

- Check fingerstick BG if patient experiences any symptoms of hypoglycemia including Pallor, Clammy Skin, Hunger, Restless Sleep, Fatigue, Headache, Confusion, Sweatiness and Irritability
- If bedside BG <70, confirm by repeating bedside test immediately as per policy, and **Do Not Delay Hypoglycemia Treatment**
- Check all IV infusions to ensure all medications (including IV insulin, if applicable) are being administered as ordered.
- If the patient is/was taking oral medication for diabetes in the sulfonylurea class (glipizide [Glucotrol®], glyburide [Glynase®, Micronase®, DiaBeta®]; glimepiride [Amaryl®], chlorpropramide [Diabinese®], tolazamide [Tolinase®]) **then hold the sulfonylurea, follow this algorithm, check BG every 4 hours X 24 hours and consider immediate Diabetes Consult (Pager #1082)**
- **If this is the second BG <40 in the past 24-48 hours, notify attending service**

Document low Blood Glucose (BG): _____   **Date:** _____   **Time:** _____   **RN:** _____

BG 50-69 in an **ALERT** patient	BG < 50 in an ALERT patient	↓ **LEVEL OF CONSCIOUSNESS**

BG 50-69 in an ALERT patient

1. **Give one of the following (check the one given):**
    - ☐ (Preferred) 1 tube (15 grams) glucose gel, *if able to swallow*
    - ☐ 3 Graham Crackers
    - ☐ 4 oz Apple juice
    - ☐ 6 ounces clear non diet soft drink
    - ☐ *if NPO or unable to swallow:* 20 ml D50 IV and start IV of D5W at 100 mL/hour
    - ☐ *if unable to swallow* **AND** *no IV access:* glucagon 1mg IM/SubQ*

    Time given: _____
2. Notify MD (verify IV solution, volume, rate, and duration, if applicable)
    Time: _____
    MD notified: _____
3. **Recheck BG in 15 min BG:** _____

BG < 50 in an ALERT patient

1. **Give one of the following (check the one given):**
    - ☐ (Preferred) 2 tubes (30 grams) glucose gel, *if able to swallow*
    - ☐ 4 oz apple juice & 3 graham crackers
    - ☐ 6 oz clear non diet soft drink & 3 graham crackers
    - ☐ *if NPO or unable to swallow:* 50 ml D50 IV (1 amp) and start IV of D5W at 100 mL/hour
    - ☐ *if unable to swallow* **AND** *no IV access:* glucagon 1mg IM/SubQ*

    Time given: _____
2. Notify MD (verify IV solution, volume, rate, and duration, if applicable**) Time:** _____
    MD notified: _____
3. **Recheck BG in 15 min BG:** _____

↓ LEVEL OF CONSCIOUSNESS

1. **Give one of the following (check the one given):**
    - ☐ 50 ml D50 IV (1 amp) and start IV of D5W at 100 mL/hour
    - ☐ *if no IV access*: glucagon 1mg IM/SubQ*

    Time given: _____
2. **If there is a change in level of consciousness from baseline, then call Condition C**
    Time called: _____
3. Notify MD (verify IV solution, volume, rate, and duration, if applicable**) Time:** _____
    MD notified: _____
4. **Recheck BG in 15 min BG:** _____

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1. If BG <70 at 15 minutes, then re-treat & notify MD per algorithm   **Document Treatment Given:** _____
2. Document BG 15 minutes after second treatment   **BG:** _____ **Time:** _____ **RN:** _____

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1. If still < 70 after second treatment, then re-treat & notify MD per algorithm   **Document Treatment Given:** _____
2. Consider Diabetes Consult (Pager #1082)
3. Document BG 15 minutes after third treatment **BG:** _____ **Time:** _____ **RN:** _____
4. If still < 70 after third treatment, individual management is needed. Call Diabetes Consult Service (Pager #1082)

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* If glucagon is used, it should be followed as soon as possible by EITHER oral carbohydrates (if patient can subsequently eat) or by obtaining IV access and starting D5W as indicated in the box. Glucagon should not be repeated.