



# SmartPA Criteria Proposal

<b>Drug/Drug Class:</b>	Insulins, Non-Analogs PDL Edit
<b>First Implementation Date:</b>	October 19, 2005
<b>Revised Date:</b>	October 1, 2020
<b>Prepared For:</b>	MO HealthNet
<b>Prepared By:</b>	MO HealthNet/Conduent
<b>Criteria Status:</b>	<input checked="" type="checkbox"/> Existing Criteria <input type="checkbox"/> Revision of Existing Criteria <input type="checkbox"/> New Criteria

## Executive Summary

**Purpose:** The MO HealthNet Pharmacy Program will implement a state-specific preferred drug list.

**Why Issue Selected:** Type 1 diabetes mellitus occurs when the body's immune system destroys the insulin-secreting beta cells of the pancreas. The management of type 1 diabetes has changed dramatically over the past 30 years. New insulin strategies have improved the ability to maintain near-normal glycemia. All non-analog insulins have demonstrated the ability to lower hemoglobin A1c. Efficacy and safety profiles are similar among these agents. Humulin® N, Novolin® N and ReliOn® Novolin® N are intermediate-acting neutral protamine Hagedorn (NPH) insulins while Humulin® R, Novolin® R, ReliOn® Novolin® R and Humulin® R U-500 are short-acting regular insulins. Humulin R U-500 may be used in patients requiring > 200 units of insulin per day. Factors such as onset, peak, and duration of action can influence the ability of an insulin regimen to help control glucose levels. Patient factors, including individual variations in insulin absorption, levels of exercise and types of meals consumed, also influence the effectiveness of insulin regimens.

Total program savings for the PDL classes will be regularly reviewed.

Program-Specific Information:	Preferred Agents	Non-Preferred Agents
	<ul style="list-style-type: none"> <li>• Humulin® N Vial</li> <li>• Humulin® R Vial</li> <li>• Humulin® R U-500 KwikPen®/Vial</li> <li>• Novolin® N Vial</li> <li>• Novolin® R Vial</li> </ul>	<ul style="list-style-type: none"> <li>• Humulin® N KwikPen®</li> <li>• Novolin® N FlexPen®</li> <li>• Novolin® R FlexPen®</li> <li>• ReliOn® Novolin® N FlexPen®/Vial</li> <li>• ReliOn® Novolin® R FlexPen®/Vial</li> </ul>

**Type of Criteria:**  Increased risk of ADE  Preferred Drug List  
 Appropriate Indications  Clinical Edit

**Data Sources:**  Only Administrative Databases  Databases + Prescriber-Supplied

## Setting & Population

- Drug class for review: Insulins, Non-Analogs
- Age range: All appropriate MO HealthNet participants

## Approval Criteria

- For Humulin R U-500: documented compliance on prior insulin therapy (90/120 days) **OR**
- Failure to achieve desired therapeutic outcomes with trial on 2 or more preferred agents
  - Documented trial period for preferred agents **OR**
  - Documented ADE/ADR to preferred agents

## Denial Criteria

- Lack of adequate trial on required preferred agents
- Therapy will be denied if all approval criteria are not met

## Required Documentation

Laboratory Results:   
MedWatch Form:

Progress Notes:   
Other:

## Disposition of Edit

Denial: Exception Code "0160" (Preferred Drug List)  
Rule Type: PDL

## Default Approval Period

1 year

## References

1. Evidence-Based Medicine and Fiscal Analysis: "Insulins - Therapeutic Class Review", Conduent Business Services, L.L.C., Richmond, VA; May 2020.
2. Evidence-Based Medicine Analysis: "Insulin Products", UMKC-DIC; March 2020.
3. Lippincott, Williams, Wilkins. PDR Electronic Library, Montvale NJ; 2020.
4. USPDI, Micromedex; 2020.
5. Facts and Comparisons eAnswers (online); 2020 Clinical Drug Information, LLC.
6. American Diabetes Association (ADA). Standards of Medical Care in Diabetes-2020. *Diabetes Care*. 2020;43(suppl 1): S1-S212.

### SmartPA PDL Proposal Form

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