

UnitedHealthcare Pharmacy
Clinical Pharmacy Programs

Program Number	2018 P 1109-6
Program	Prior Authorization/Notification - tobramycin inhalation solution/powder
Medication*	Bethkis [®] , Kitabis [™] Pak, TOBI [™] Nebulizer Solution and TOBI [®] Podhaler [™] * This list is subject to change
P&T Approval Date	5/2013, 2/2014, 2/2015, 2/2016, 2/2017, 2/2018
Effective Date	5/1/2018; Oxford only: N/A

1. Background:

Bethkis (tobramycin) is an inhaled aminoglycoside antibacterial indicated for the management of cystic fibrosis patients with *Pseudomonas aeruginosa*. Safety and efficacy have not been demonstrated in patients under the age of six years, patients with a forced expiratory volume in less than one second (FEV1) less than 40% or greater than 80% predicted, or patients colonized with *Burkholderia cepacia*. Bethkis is administered by inhalation using a hand-held PARI LC Plus[®] Reusable Nebulizer with a PARI Vios Air compressor. After 28 days of therapy, patients should stop Bethkis therapy for the next 28 days, and then resume therapy for the next 28 day on and 28 day off cycle.³

TOBI (tobramycin) is an antibacterial aminoglycoside indicated for the management of cystic fibrosis patients with *Pseudomonas aeruginosa*. Safety and efficacy have not been demonstrated in patients under the age of 6 years, patients with forced expiratory volume in 1 second (FEV1) < 25% or > 75%, or patients colonized with *Burkholderia cepacia*.^{1,2} TOBI Nebulizer Solution is specifically formulated for inhalation using the DeVilbiss[®] Pulmo-Aide[®] air compressor and PARI LC Plus[®] Reusable Nebulizer.¹ The contents of TOBI Podhaler capsules are only for oral inhalation and should only be used with the Podhaler device.² After 28 days of therapy, patients should stop TOBI therapy for the next 28 days, and then resume therapy for the next 28 day on and 28 day off cycle.^{1,2}

Kitabis Pak (co-packaging of tobramycin inhalation solution and PARI LC Plus[®] Reusable Nebulizer) is an aminoglycoside antibacterial drug indicated for the management of cystic fibrosis in adults and pediatric patients 6 years of age and older with *Pseudomonas aeruginosa*. Safety and efficacy have not been demonstrated in patients under the age of 6 years, patients with FEV1 <25% or >75% predicted, or patients colonized with *Burkholderia cepacia*. After 28 days of therapy, patients should stop Kitabis therapy for the next 28 days, and then resume therapy for the next 28 day on and 28 day off cycle.⁴

Members will be required to meet the coverage criteria below.

2. Coverage Criteria:

A. Initial Authorization

1. **Bethkis, Kitabis Pak, TOBI Nebulizer Solution, TOBI Podhaler, or tobramycin solution for inhalation** will be approved based on **both** of the following criteria:

a. Diagnosis of cystic fibrosis (CF)

-AND-

b. Lung infection with positive culture demonstrating *Pseudomonas aeruginosa* infection

Authorization will be issued for 12 months

B. Reauthorization

1. **Bethkis, Kitabis Pak, TOBI Nebulizer Solution, TOBI Podhaler, or tobramycin solution for inhalation** will be approved based on the following criterion:

a. Documentation of positive clinical response to Bethkis, Kitabis Pak, TOBI Nebulizer Solution, TOBI Podhaler, or tobramycin solution for inhalation therapy

Authorization will be issued for 12 months

3. Additional Clinical Rules:

- Supply limits may be in place.
- Not all tobramycin products are covered. Refer to the most current UHC prescription drug list to identify covered products.

4. References:

1. TOBI Inhalation Solution [package insert]. East Hanover, NJ: Novartis Pharmaceuticals; October 2015.
2. TOBI Podhaler [package insert]. East Hanover, NJ: Novartis Pharmaceuticals; October 2015.
3. Bethkis [package insert]. Woodstock, Illinois: Cornerstone Therapeutics Inc.; May 2017.
4. Kitabis Pak [package insert]. Woodstock, Illinois: Catalent Pharma Solutions, LLC; November 2014.
5. Tobramycin Inhalation Solution [package insert]. Sellersville, PA.: Teva Pharmaceuticals USA; October 2015.

Program	Prior Authorization/Notification - Bethkis (tobramycin inhalation solution), TOBI Nebulizer Solution (tobramycin inhalation solution) and TOBI Podhaler (tobramycin inhalation powder)
Change Control	
2/2014	Updated Background information and added criteria for Bethkis. Removed reauthorization criteria and increased authorization to 60 months.
2/2015	Annual review. Added coverage for Kitabis Pak and tobramycin inhalation solution. Updated background, clinical rules and references.
2/2016	Annual review with no changes to clinical content. Changed authorization period to 12 months and added re-authorization period for 12 months. Updated references.
2/2017	Annual review. No changes to coverage criteria.
2/2018	Annual review. No changes to coverage criteria. Updated reference.